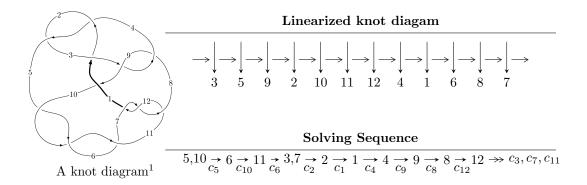
$12a_{0144} \ (K12a_{0144})$



Ideals for irreducible components² of X_{par}

$$I_1^u = \langle -1.00279 \times 10^{169} u^{80} + 6.54285 \times 10^{169} u^{79} + \dots + 5.58362 \times 10^{170} b - 5.37338 \times 10^{170},$$

$$2.70498 \times 10^{170} u^{80} + 4.42960 \times 10^{170} u^{79} + \dots + 1.67509 \times 10^{171} a + 1.36068 \times 10^{171}, \ u^{81} + 2u^{80} + \dots - 27u^{80}$$

$$I_2^u = \langle b + 1, \ a + 1, \ u^6 - u^5 - 3u^4 + 2u^3 + 2u^2 + u - 1 \rangle$$

* 2 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 87 representations.

¹The image of knot diagram is generated by the software "**Draw programme**" developed by Andrew Bartholomew(http://www.layer8.co.uk/maths/draw/index.htm#Running-draw), where we modified some parts for our purpose(https://github.com/CATsTAILs/LinksPainter).

² All coefficients of polynomials are rational numbers. But the coefficients are sometimes approximated in decimal forms when there is not enough margin.

I.
$$I_1^u = \langle -1.00 \times 10^{169} u^{80} + 6.54 \times 10^{169} u^{79} + \dots + 5.58 \times 10^{170} b - 5.37 \times 10^{170}, \ 2.70 \times 10^{170} u^{80} + 4.43 \times 10^{170} u^{79} + \dots + 1.68 \times 10^{171} a + 1.36 \times 10^{171}, \ u^{81} + 2u^{80} + \dots - 27u - 9 \rangle$$

(i) Arc colorings

$$a_{5} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} 0 \\ u \end{pmatrix}$$

$$a_{6} = \begin{pmatrix} 1 \\ u^{2} \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} -u \\ -u^{3} + u \end{pmatrix}$$

$$a_{3} = \begin{pmatrix} -0.161483u^{80} - 0.264440u^{79} + \dots - 4.05452u - 0.812307 \\ 0.0179595u^{80} - 0.117179u^{79} + \dots - 1.66032u + 0.962347 \end{pmatrix}$$

$$a_{7} = \begin{pmatrix} -u^{2} + 1 \\ -u^{4} + 2u^{2} \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} -0.143524u^{80} - 0.381620u^{79} + \dots - 5.71484u + 0.150039 \\ 0.0179595u^{80} - 0.117179u^{79} + \dots - 1.66032u + 0.962347 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} -0.428496u^{80} - 0.583915u^{79} + \dots + 12.7602u + 6.52385 \\ -0.131228u^{80} - 0.0542263u^{79} + \dots + 3.05402u + 0.800318 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} 0.259446u^{80} + 0.204971u^{79} + \dots - 18.6233u - 5.57768 \\ 0.157772u^{80} + 0.183340u^{79} + \dots - 4.83114u - 3.19296 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 0.111704u^{80} + 0.397558u^{79} + \dots - 6.23678u - 4.64153 \\ 0.0545258u^{80} + 0.0419649u^{79} + \dots - 0.269902u - 0.998356 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} 0.184153u^{80} + 0.220811u^{79} + \dots - 11.7267u - 4.50953 \\ 0.273077u^{80} + 0.267431u^{79} + \dots - 5.04554u - 3.85646 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} -0.493301u^{80} - 0.569619u^{79} + \dots + 16.6789u + 6.41142 \\ 0.0147144u^{80} + 0.0729091u^{79} + \dots + 0.464872u - 0.795811 \end{pmatrix}$$

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = $-0.191745u^{80} 0.688940u^{79} + \cdots + 3.61897u 7.41512$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{81} + 39u^{80} + \dots + 52u + 1$
c_2, c_4	$u^{81} - 7u^{80} + \dots + 2u + 1$
c_3, c_8	$u^{81} - u^{80} + \dots + 64u + 64$
c_5, c_6, c_{10}	$u^{81} - 2u^{80} + \dots - 27u + 9$
c_7, c_{11}, c_{12}	$u^{81} + 2u^{80} + \dots + 3u + 1$
<i>c</i> 9	$u^{81} + 8u^{80} + \dots - 3141u + 2537$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{81} + 13y^{80} + \dots + 3164y - 1$
c_2, c_4	$y^{81} - 39y^{80} + \dots + 52y - 1$
c_3, c_8	$y^{81} + 39y^{80} + \dots - 40960y - 4096$
c_5, c_6, c_{10}	$y^{81} - 80y^{80} + \dots - 693y - 81$
c_7, c_{11}, c_{12}	$y^{81} + 64y^{80} + \dots + 11y - 1$
<i>c</i> 9	$y^{81} + 4y^{80} + \dots + 43125951y - 6436369$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.549854 + 0.817265I		
a = -0.668883 + 0.232142I	2.18909 - 2.68944I	0
b = -1.240880 + 0.079920I		
u = 0.549854 - 0.817265I		
a = -0.668883 - 0.232142I	2.18909 + 2.68944I	0
b = -1.240880 - 0.079920I		
u = -0.423119 + 0.878378I		
a = 0.92747 + 1.27632I	3.90058 + 0.83925I	0
b = -0.735616 - 0.474491I		
u = -0.423119 - 0.878378I		
a = 0.92747 - 1.27632I	3.90058 - 0.83925I	0
b = -0.735616 + 0.474491I		
u = -0.629386 + 0.882957I		
a = 0.11503 - 1.99991I	3.30143 + 4.94717I	0
b = -0.920437 + 0.512641I		
u = -0.629386 - 0.882957I		
a = 0.11503 + 1.99991I	3.30143 - 4.94717I	0
b = -0.920437 - 0.512641I		
u = 0.871043 + 0.244839I		
a = 0.226267 - 0.008099I	-1.18559 + 2.18588I	0
b = 0.923001 - 0.532162I		
u = 0.871043 - 0.244839I		
a = 0.226267 + 0.008099I	-1.18559 - 2.18588I	0
b = 0.923001 + 0.532162I		
u = 0.285149 + 1.085700I		
a = -0.262963 + 1.112650I	7.49110 + 4.12587I	0
b = 1.035310 - 0.663440I		
u = 0.285149 - 1.085700I		
a = -0.262963 - 1.112650I	7.49110 - 4.12587I	0
b = 1.035310 + 0.663440I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.404547 + 1.051810I		
a = -0.220162 - 1.151750I	8.88154 - 1.39549I	0
b = 0.573320 + 0.814273I		
u = 0.404547 - 1.051810I		
a = -0.220162 + 1.151750I	8.88154 + 1.39549I	0
b = 0.573320 - 0.814273I		
u = 0.669709 + 0.987448I		
a = -0.659904 + 0.714844I	8.12466 - 5.17001I	0
b = 0.453835 - 0.861154I		
u = 0.669709 - 0.987448I		
a = -0.659904 - 0.714844I	8.12466 + 5.17001I	0
b = 0.453835 + 0.861154I		
u = -0.743128 + 0.238456I		
a = 0.936570 - 0.552245I	2.69972 + 1.11767I	-8.46846 - 0.34647I
b = 0.670993 + 0.510713I		
u = -0.743128 - 0.238456I		
a = 0.936570 + 0.552245I	2.69972 - 1.11767I	-8.46846 + 0.34647I
b = 0.670993 - 0.510713I		
u = -0.528811 + 0.566420I		
a = 0.30265 + 2.22515I	0.93164 + 8.30570I	-13.1243 - 9.3739I
b = 1.101470 - 0.618329I		
u = -0.528811 - 0.566420I		
a = 0.30265 - 2.22515I	0.93164 - 8.30570I	-13.1243 + 9.3739I
b = 1.101470 + 0.618329I		
u = 0.761650 + 0.974344I		
a = 0.37235 - 1.64135I	6.14001 - 10.75700I	0
b = 1.113920 + 0.647715I		
u = 0.761650 - 0.974344I		
a = 0.37235 + 1.64135I	6.14001 + 10.75700I	0
b = 1.113920 - 0.647715I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 1.245470 + 0.133358I		
a = 0.291110 - 0.847829I	-0.83961 - 2.58594I	0
b = 0.746809 + 0.711067I		
u = 1.245470 - 0.133358I		
a = 0.291110 + 0.847829I	-0.83961 + 2.58594I	0
b = 0.746809 - 0.711067I		
u = -1.202630 + 0.422167I		
a = 0.159393 - 0.613266I	2.92901 + 1.26794I	0
b = 0.866243 + 0.666328I		
u = -1.202630 - 0.422167I		
a = 0.159393 + 0.613266I	2.92901 - 1.26794I	0
b = 0.866243 - 0.666328I		
u = -0.434384 + 0.537078I		
a = -1.142120 - 0.805181I	2.90437 + 2.98477I	-9.55591 - 5.23848I
b = 0.438054 + 0.799462I		
u = -0.434384 - 0.537078I		
a = -1.142120 + 0.805181I	2.90437 - 2.98477I	-9.55591 + 5.23848I
b = 0.438054 - 0.799462I		
u = -1.312810 + 0.029010I		
a = -0.553493 - 0.125261I	0.185868 + 1.219880I	0
b = 0.324181 + 0.863693I		
u = -1.312810 - 0.029010I		
a = -0.553493 + 0.125261I	0.185868 - 1.219880I	0
b = 0.324181 - 0.863693I		
u = 1.359630 + 0.023425I		
a = -0.90230 - 1.79054I	-4.34022 + 0.45005I	0
b = -1.053060 + 0.510916I		
u = 1.359630 - 0.023425I		
a = -0.90230 + 1.79054I	-4.34022 - 0.45005I	0
b = -1.053060 - 0.510916I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.364690 + 0.077002I		
a = 1.17174 + 1.47880I	-2.30932 + 6.62917I	0
b = 1.160950 - 0.604080I		
u = -1.364690 - 0.077002I		
a = 1.17174 - 1.47880I	-2.30932 - 6.62917I	0
b = 1.160950 + 0.604080I		
u = 0.457361 + 0.415520I		
a = 0.10898 + 2.86219I	-1.58018 - 2.82736I	-15.3914 + 7.4030I
b = -0.946808 - 0.440327I		
u = 0.457361 - 0.415520I		
a = 0.10898 - 2.86219I	-1.58018 + 2.82736I	-15.3914 - 7.4030I
b = -0.946808 + 0.440327I		
u = -1.383020 + 0.067923I		
a = -1.162760 + 0.218155I	-5.03426 + 2.16541I	0
b = -1.266990 + 0.222352I		
u = -1.383020 - 0.067923I		
a = -1.162760 - 0.218155I	-5.03426 - 2.16541I	0
b = -1.266990 - 0.222352I		
u = 1.378230 + 0.145858I		
a = 0.679555 + 0.442834I	-2.43296 - 3.85164I	0
b = -0.377108 - 0.555718I		
u = 1.378230 - 0.145858I		
a = 0.679555 - 0.442834I	-2.43296 + 3.85164I	0
b = -0.377108 + 0.555718I		
u = -0.327143 + 0.472697I		
a = 0.912647 + 0.072753I	2.85428 + 1.54452I	-7.25846 - 4.25517I
b = 0.063180 + 0.313296I		
u = -0.327143 - 0.472697I		
a = 0.912647 - 0.072753I	2.85428 - 1.54452I	-7.25846 + 4.25517I
b = 0.063180 - 0.313296I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.44455 + 0.07637I		
a = 0.681802 + 0.524693I	-6.23300 + 0.57167I	0
b = -0.430423 - 0.562966I		
u = -1.44455 - 0.07637I		
a = 0.681802 - 0.524693I	-6.23300 - 0.57167I	0
b = -0.430423 + 0.562966I		
u = -1.38481 + 0.42788I		
a = 0.190392 + 0.906474I	3.37635 + 6.67232I	0
b = 0.729122 - 0.763915I		
u = -1.38481 - 0.42788I		
a = 0.190392 - 0.906474I	3.37635 - 6.67232I	0
b = 0.729122 + 0.763915I		
u = -0.166020 + 0.514578I		
a = -0.44693 + 1.85551I	3.42589 + 0.03376I	-7.43382 - 3.19727I
b = 0.518731 - 0.743814I		
u = -0.166020 - 0.514578I		
a = -0.44693 - 1.85551I	3.42589 - 0.03376I	-7.43382 + 3.19727I
b = 0.518731 + 0.743814I		
u = -0.442772 + 0.285049I		
a = -0.529533 - 0.735122I	-2.38286 + 0.75626I	-14.3003 - 8.7966I
b = -1.155150 - 0.126670I		
u = -0.442772 - 0.285049I		
a = -0.529533 + 0.735122I	-2.38286 - 0.75626I	-14.3003 + 8.7966I
b = -1.155150 + 0.126670I		
u = -0.050728 + 0.520709I		
a = -1.27689 - 1.67775I	1.82638 - 5.10869I	-10.33632 + 2.79274I
b = 1.053540 + 0.606874I		
u = -0.050728 - 0.520709I		
a = -1.27689 + 1.67775I	1.82638 + 5.10869I	-10.33632 - 2.79274I
b = 1.053540 - 0.606874I		

$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
-8.74917 - 2.34681I	0
-8.74917 + 2.34681I	0
-3.35067 - 5.75212I	0
-3.35067 + 5.75212I	0
-7.98070 + 4.98123I	0
-7.98070 - 4.98123I	0
-2.13437 - 4.97965I	0
-2.13437 + 4.97965I	0
-5.50382 - 5.89106I	0
-5.50382 + 5.89106I	0
	-8.74917 - 2.34681I $-8.74917 + 2.34681I$ $-3.35067 - 5.75212I$ $-3.35067 + 5.75212I$ $-7.98070 + 4.98123I$ $-7.98070 - 4.98123I$ $-2.13437 - 4.97965I$ $-2.13437 + 4.97965I$ $-5.50382 - 5.89106I$

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 1.52594 + 0.21463I		
a = 1.05573 - 1.41124I	-5.84280 - 11.26350I	0
b = 1.166350 + 0.614109I		
u = 1.52594 - 0.21463I		
a = 1.05573 + 1.41124I	-5.84280 + 11.26350I	0
b = 1.166350 - 0.614109I		
u = -0.438199 + 0.090942I		
a = -0.71864 + 1.28993I	1.40601 - 5.44440I	-11.95126 + 6.52227I
b = 1.023580 + 0.544299I		
u = -0.438199 - 0.090942I		
a = -0.71864 - 1.28993I	1.40601 + 5.44440I	-11.95126 - 6.52227I
b = 1.023580 - 0.544299I		
u = -1.53643 + 0.30203I		
a = -1.038800 - 0.184797I	-4.57501 + 6.82873I	0
b = -1.290020 - 0.193740I		
u = -1.53643 - 0.30203I		
a = -1.038800 + 0.184797I	-4.57501 - 6.82873I	0
b = -1.290020 + 0.193740I		
u = -1.58629 + 0.05555I		
a = 0.930451 + 0.108721I	-9.36860 - 1.19827I	0
b = 0.969777 + 0.339351I		
u = -1.58629 - 0.05555I		
a = 0.930451 - 0.108721I	-9.36860 + 1.19827I	0
b = 0.969777 - 0.339351I		
u = 1.56074 + 0.32973I		
a = -0.65568 + 1.70420I	-3.74298 - 9.47180I	0
b = -1.033980 - 0.542121I		
u = 1.56074 - 0.32973I		
a = -0.65568 - 1.70420I	-3.74298 + 9.47180I	0
b = -1.033980 + 0.542121I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 1.59535 + 0.18384I		
a = 0.922475 - 0.080974I	-5.30238 - 3.47210I	0
b = 0.953038 - 0.328264I		
u = 1.59535 - 0.18384I		
a = 0.922475 + 0.080974I	-5.30238 + 3.47210I	0
b = 0.953038 + 0.328264I		
u = -1.57920 + 0.37233I		
a = -0.496415 - 0.282202I	0.96810 + 10.23090I	0
b = 0.348581 + 0.901087I		
u = -1.57920 - 0.37233I		
a = -0.496415 + 0.282202I	0.96810 - 10.23090I	0
b = 0.348581 - 0.901087I		
u = 0.164890 + 0.328364I		
a = 2.32898 - 1.39189I	-0.893071 + 0.448349I	-12.04732 + 1.92652I
b = -0.829025 + 0.304193I		
u = 0.164890 - 0.328364I		
a = 2.32898 + 1.39189I	-0.893071 - 0.448349I	-12.04732 - 1.92652I
b = -0.829025 - 0.304193I		
u = 0.361635		
a = 1.02021	-0.560922	-17.5600
b = -0.134399		
u = -1.62225 + 0.36056I		
a = 0.97081 + 1.37626I	-1.5044 + 15.8184I	0
b = 1.168610 - 0.622869I		
u = -1.62225 - 0.36056I		
a = 0.97081 - 1.37626I	-1.5044 - 15.8184I	0
b = 1.168610 + 0.622869I		
u = 0.103264 + 0.221522I		
a = -4.46938 - 1.58365I	-0.176220 - 1.062730I	-15.2379 + 0.1443I
b = -1.076350 - 0.292667I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.103264 - 0.221522I		
a = -4.46938 + 1.58365I	-0.176220 + 1.062730I	-15.2379 - 0.1443I
b = -1.076350 + 0.292667I		

II.
$$I_2^u = \langle b+1, \ a+1, \ u^6-u^5-3u^4+2u^3+2u^2+u-1 \rangle$$

(i) Arc colorings

a) Arc colorings
$$a_{5} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} 0 \\ u \end{pmatrix}$$

$$a_{6} = \begin{pmatrix} 1 \\ u^{2} \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} -u \\ -u^{3} + u \end{pmatrix}$$

$$a_{3} = \begin{pmatrix} -1 \\ -1 \end{pmatrix}$$

$$a_{7} = \begin{pmatrix} -u^{2} + 1 \\ -u^{4} + 2u^{2} \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} -2 \\ -1 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} -1 \\ 0 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} -1 \\ -1 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} u \\ u \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} u \\ u \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} u^{5} - 2u^{3} - u \\ u^{5} - 3u^{3} + u \end{pmatrix}$$

- (ii) Obstruction class = 1
- (iii) Cusp Shapes = $u^5 4u 15$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1, c_2	$(u-1)^6$
c_3, c_8	u^6
c_4	$(u+1)^6$
c_5, c_6, c_9	$u^6 - u^5 - 3u^4 + 2u^3 + 2u^2 + u - 1$
c ₇	$u^6 + u^5 + 3u^4 + 2u^3 + 2u^2 + u - 1$
c_{10}	$u^6 + u^5 - 3u^4 - 2u^3 + 2u^2 - u - 1$
c_{11}, c_{12}	$u^6 - u^5 + 3u^4 - 2u^3 + 2u^2 - u - 1$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1, c_2, c_4	$(y-1)^6$
c_3, c_8	y^6
c_5, c_6, c_9 c_{10}	$y^6 - 7y^5 + 17y^4 - 16y^3 + 6y^2 - 5y + 1$
c_7, c_{11}, c_{12}	$y^6 + 5y^5 + 9y^4 + 4y^3 - 6y^2 - 5y + 1$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.493180 + 0.575288I		
a = -1.00000	1.31531 + 1.97241I	-12.92955 - 2.53106I
b = -1.00000		
u = -0.493180 - 0.575288I		
a = -1.00000	1.31531 - 1.97241I	-12.92955 + 2.53106I
b = -1.00000		
u = 0.483672		
a = -1.00000	-2.38379	-16.9080
b = -1.00000		
u = 1.52087 + 0.16310I		
a = -1.00000	-5.34051 - 4.59213I	-13.8770 + 3.6103I
b = -1.00000		
u = 1.52087 - 0.16310I		
a = -1.00000	-5.34051 + 4.59213I	-13.8770 - 3.6103I
b = -1.00000		
u = -1.53904		
a = -1.00000	-9.30502	-17.4790
b = -1.00000		

III. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$((u-1)^6)(u^{81} + 39u^{80} + \dots + 52u + 1)$
c_2	$((u-1)^6)(u^{81} - 7u^{80} + \dots + 2u + 1)$
c_3, c_8	$u^6(u^{81} - u^{80} + \dots + 64u + 64)$
c_4	$((u+1)^6)(u^{81} - 7u^{80} + \dots + 2u + 1)$
c_5, c_6	$(u^6 - u^5 - 3u^4 + 2u^3 + 2u^2 + u - 1)(u^{81} - 2u^{80} + \dots - 27u + 9)$
c_7	$(u^6 + u^5 + 3u^4 + 2u^3 + 2u^2 + u - 1)(u^{81} + 2u^{80} + \dots + 3u + 1)$
<i>c</i> 9	$(u^6 - u^5 - 3u^4 + 2u^3 + 2u^2 + u - 1)(u^{81} + 8u^{80} + \dots - 3141u + 2537)$
c_{10}	$(u^6 + u^5 - 3u^4 - 2u^3 + 2u^2 - u - 1)(u^{81} - 2u^{80} + \dots - 27u + 9)$
c_{11}, c_{12}	$(u^6 - u^5 + 3u^4 - 2u^3 + 2u^2 - u - 1)(u^{81} + 2u^{80} + \dots + 3u + 1)$

IV. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$((y-1)^6)(y^{81} + 13y^{80} + \dots + 3164y - 1)$
c_{2}, c_{4}	$((y-1)^6)(y^{81} - 39y^{80} + \dots + 52y - 1)$
c_3, c_8	$y^6(y^{81} + 39y^{80} + \dots - 40960y - 4096)$
c_5, c_6, c_{10}	$(y^6 - 7y^5 + \dots - 5y + 1)(y^{81} - 80y^{80} + \dots - 693y - 81)$
c_7, c_{11}, c_{12}	$(y^6 + 5y^5 + \dots - 5y + 1)(y^{81} + 64y^{80} + \dots + 11y - 1)$
<i>c</i> 9	$(y^6 - 7y^5 + 17y^4 - 16y^3 + 6y^2 - 5y + 1)$ $\cdot (y^{81} + 4y^{80} + \dots + 43125951y - 6436369)$