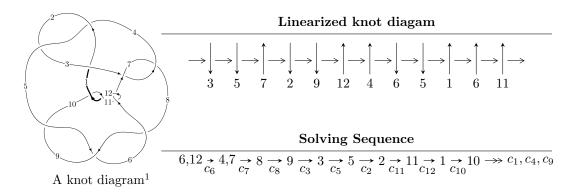
$12n_{0180} \ (K12n_{0180})$



Ideals for irreducible components² of X_{par}

$$\begin{split} I_1^u &= \langle 8.59216 \times 10^{59} u^{59} + 7.11341 \times 10^{60} u^{58} + \dots + 2.71076 \times 10^{61} b + 6.33557 \times 10^{61}, \\ &- 2.02586 \times 10^{62} u^{59} - 3.30298 \times 10^{62} u^{58} + \dots + 4.60829 \times 10^{62} a - 1.81464 \times 10^{63}, \\ &u^{60} + 3u^{59} + \dots + 12u + 17 \rangle \\ I_2^u &= \langle -51u^3 a^2 + 106u^3 a + \dots - 80a - 21, \\ &- 2u^3 a^2 - 2a^2 u^2 + u^3 a + a^3 + a^2 u + 2u^2 a + 6u^3 + 2a^2 - 3au + 9u^2 - 2a + 2u - 2, \ u^4 - u^2 + 1 \rangle \end{split}$$

* 2 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 72 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.
$$I_1^u = \langle 8.59 \times 10^{59} u^{59} + 7.11 \times 10^{60} u^{58} + \cdots + 2.71 \times 10^{61} b + 6.34 \times 10^{61}, \ -2.03 \times 10^{62} u^{59} - 3.30 \times 10^{62} u^{58} + \cdots + 4.61 \times 10^{62} a - 1.81 \times 10^{63}, \ u^{60} + 3 u^{59} + \cdots + 12 u + 17 \rangle$$

(i) Arc colorings

$$a_{6} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} 0 \\ u \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} 0.439611u^{59} + 0.716748u^{58} + \cdots - 0.813297u + 3.93778 \\ -0.0316965u^{59} - 0.262414u^{58} + \cdots + 4.37519u - 2.33720 \end{pmatrix}$$

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

$$a_{8} = \begin{pmatrix} 0.0820681u^{59} + 0.302588u^{58} + \cdots - 10.8701u - 5.50752 \\ -0.0713087u^{59} - 0.287800u^{58} + \cdots + 3.92724u + 1.83826 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 0.153377u^{59} + 0.590388u^{58} + \cdots - 14.7973u - 7.34578 \\ -0.0713087u^{59} - 0.287800u^{58} + \cdots + 3.92724u + 1.83826 \end{pmatrix}$$

$$a_{3} = \begin{pmatrix} 0.106413u^{59} + 0.119118u^{58} + \cdots - 4.94013u - 3.96049 \\ 0.0147849u^{59} + 0.000149588u^{58} + \cdots + 3.53440u + 4.49621 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} -0.313827u^{59} - 0.803067u^{58} + \cdots + 2.00850u - 0.850375 \\ -0.0119731u^{59} - 0.0516958u^{58} + \cdots + 2.55197u + 2.41305 \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} 0.111888u^{59} + 0.442512u^{58} + \cdots - 5.49722u - 3.98640 \\ 0.0511739u^{59} + 0.197997u^{58} + \cdots - 3.04177u + 1.75645 \end{pmatrix}$$

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

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

$$a_{10} = \begin{pmatrix} u^{3} \\ -u^{3} + u \end{pmatrix}$$

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = $0.359408u^{59} + 0.109275u^{58} + \cdots + 23.9102u + 7.48289$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{60} + 35u^{59} + \dots + 64u + 1$
c_{2}, c_{4}	$u^{60} - 5u^{59} + \dots - 16u + 1$
c_{3}, c_{7}	$u^{60} - u^{59} + \dots - 4u + 1$
c_5, c_8, c_9	$u^{60} - 3u^{59} + \dots - 154u + 49$
c_6, c_{11}	$u^{60} - 3u^{59} + \dots - 12u + 17$
c_{10}, c_{12}	$u^{60} - 17u^{59} + \dots - 2558u + 289$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{60} - 15y^{59} + \dots + 2064y + 1$
c_2, c_4	$y^{60} - 35y^{59} + \dots - 64y + 1$
c_3, c_7	$y^{60} - 15y^{59} + \dots - 40y + 1$
c_5, c_8, c_9	$y^{60} + 21y^{59} + \dots + 34104y + 2401$
c_6, c_{11}	$y^{60} - 17y^{59} + \dots - 2558y + 289$
c_{10}, c_{12}	$y^{60} + 59y^{59} + \dots - 725794y + 83521$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.929012 + 0.409111I		
a = -3.04269 + 1.15379I	-0.23119 + 1.94297I	-2.05685 - 11.08290I
b = 2.59631 + 1.09970I		
u = 0.929012 - 0.409111I		
a = -3.04269 - 1.15379I	-0.23119 - 1.94297I	-2.05685 + 11.08290I
b = 2.59631 - 1.09970I		
u = -0.832822 + 0.587944I		
a = -1.21567 - 1.08428I	3.25865 + 0.70404I	-1.90677 + 0.77167I
b = 0.069828 - 1.012120I		
u = -0.832822 - 0.587944I		
a = -1.21567 + 1.08428I	3.25865 - 0.70404I	-1.90677 - 0.77167I
b = 0.069828 + 1.012120I		
u = 0.004950 + 1.024030I		
a = 0.183534 - 0.050087I	-3.25466 - 4.08265I	-4.68553 + 7.94094I
b = 0.740563 - 0.693298I		
u = 0.004950 - 1.024030I		
a = 0.183534 + 0.050087I	-3.25466 + 4.08265I	-4.68553 - 7.94094I
b = 0.740563 + 0.693298I		
u = -0.822970 + 0.630204I		
a = 1.54004 + 1.13008I	3.19637 - 5.46860I	-1.43660 + 7.42023I
b = -0.133459 + 1.061150I		
u = -0.822970 - 0.630204I		
a = 1.54004 - 1.13008I	3.19637 + 5.46860I	-1.43660 - 7.42023I
b = -0.133459 - 1.061150I		
u = 0.809567 + 0.501021I		
a = -5.62494 - 3.66221I	-0.08137 + 2.05589I	27.6617 + 22.2084I
b = -0.98200 + 6.14395I		
u = 0.809567 - 0.501021I		
a = -5.62494 + 3.66221I	-0.08137 - 2.05589I	27.6617 - 22.2084I
b = -0.98200 - 6.14395I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.006930 + 0.332122I		
a = -1.315940 - 0.433014I	0.04819 - 3.77072I	0.50249 + 5.64131I
b = 0.99469 - 1.18965I		
u = -1.006930 - 0.332122I		
a = -1.315940 + 0.433014I	0.04819 + 3.77072I	0.50249 - 5.64131I
b = 0.99469 + 1.18965I		
u = -1.079450 + 0.120285I		
a = -1.043550 - 0.134913I	1.73585 - 0.04165I	7.02929 - 1.55117I
b = 0.563555 - 0.123402I		
u = -1.079450 - 0.120285I		
a = -1.043550 + 0.134913I	1.73585 + 0.04165I	7.02929 + 1.55117I
b = 0.563555 + 0.123402I		
u = -0.931671 + 0.569277I		
a = 0.339977 + 1.097140I	1.83197 - 2.08769I	7.31144 + 2.76134I
b = -0.986373 - 0.325235I		
u = -0.931671 - 0.569277I		
a = 0.339977 - 1.097140I	1.83197 + 2.08769I	7.31144 - 2.76134I
b = -0.986373 + 0.325235I		
u = 1.085650 + 0.220553I		
a = 2.03983 + 0.42897I	3.75827 + 4.28418I	7.39769 - 5.27258I
b = -1.19988 - 0.96562I		
u = 1.085650 - 0.220553I		
a = 2.03983 - 0.42897I	3.75827 - 4.28418I	7.39769 + 5.27258I
b = -1.19988 + 0.96562I		
u = -0.758636 + 0.887275I		
a = -0.340815 - 0.278642I	-3.82130 + 3.76339I	0
b = -0.78502 - 1.49028I		
u = -0.758636 - 0.887275I		
a = -0.340815 + 0.278642I	-3.82130 - 3.76339I	0
b = -0.78502 + 1.49028I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.802241 + 0.075713I		
a = 2.17404 - 1.63873I	6.00487 - 2.27473I	9.19193 + 3.71392I
b = -0.323287 + 0.783361I		
u = 0.802241 - 0.075713I		
a = 2.17404 + 1.63873I	6.00487 + 2.27473I	9.19193 - 3.71392I
b = -0.323287 - 0.783361I		
u = 0.879342 + 0.837979I		
a = -0.176337 - 0.434177I	-4.62872 + 2.55229I	0
b = 0.073200 - 0.870222I		
u = 0.879342 - 0.837979I		
a = -0.176337 + 0.434177I	-4.62872 - 2.55229I	0
b = 0.073200 + 0.870222I		
u = -0.715460 + 0.984773I		
a = 0.344792 + 0.130176I	-7.75605 + 9.32324I	0
b = 1.03109 + 1.53314I		
u = -0.715460 - 0.984773I		
a = 0.344792 - 0.130176I	-7.75605 - 9.32324I	0
b = 1.03109 - 1.53314I		
u = 0.830973 + 0.892744I		
a = 1.215320 - 0.601098I	-8.14977 - 1.83674I	0
b = 0.180459 - 0.790574I		
u = 0.830973 - 0.892744I		
a = 1.215320 + 0.601098I	-8.14977 + 1.83674I	0
b = 0.180459 + 0.790574I		
u = -0.792660 + 0.936246I		
a = -0.092647 - 0.224921I	0.10426 - 3.90855I	0
b = -0.210710 + 0.159454I		
u = -0.792660 - 0.936246I		
a = -0.092647 + 0.224921I	0.10426 + 3.90855I	0
b = -0.210710 - 0.159454I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.929150 + 0.821763I		
a = -1.301880 + 0.509111I	-4.47334 + 3.63985I	0
b = 0.142826 + 0.827123I		
u = 0.929150 - 0.821763I		
a = -1.301880 - 0.509111I	-4.47334 - 3.63985I	0
b = 0.142826 - 0.827123I		
u = -0.880329 + 0.874378I		
a = 0.520777 + 0.321136I	-8.33406 - 1.51336I	0
b = 0.56993 + 1.71766I		
u = -0.880329 - 0.874378I		
a = 0.520777 - 0.321136I	-8.33406 + 1.51336I	0
b = 0.56993 - 1.71766I		
u = -0.703326 + 0.228376I		
a = 1.271670 + 0.570807I	1.22817 - 0.90691I	4.10313 - 1.08221I
b = -0.813961 + 0.932874I		
u = -0.703326 - 0.228376I		
a = 1.271670 - 0.570807I	1.22817 + 0.90691I	4.10313 + 1.08221I
b = -0.813961 - 0.932874I		
u = 1.228280 + 0.305750I		
a = -1.68849 - 0.21445I	1.11802 + 8.63012I	0
b = 1.32261 + 0.91261I		
u = 1.228280 - 0.305750I		
a = -1.68849 + 0.21445I	1.11802 - 8.63012I	0
b = 1.32261 - 0.91261I		
u = -0.945860 + 0.847488I		
a = -1.70802 - 0.90011I	-8.12673 - 4.86921I	0
b = 0.58276 - 1.79431I		
u = -0.945860 - 0.847488I		
a = -1.70802 + 0.90011I	-8.12673 + 4.86921I	0
b = 0.58276 + 1.79431I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.986055 + 0.828942I		
a = 0.073132 + 0.599164I	-7.66022 + 8.21302I	0
b = 0.121967 + 0.888675I		
u = 0.986055 - 0.828942I		
a = 0.073132 - 0.599164I	-7.66022 - 8.21302I	0
b = 0.121967 - 0.888675I		
u = -1.021020 + 0.788235I		
a = 1.76694 + 0.84443I	-3.00183 - 9.98439I	0
b = -0.88862 + 1.59075I		
u = -1.021020 - 0.788235I		
a = 1.76694 - 0.84443I	-3.00183 + 9.98439I	0
b = -0.88862 - 1.59075I		
u = 0.829095 + 0.994657I		
a = 0.002787 + 0.308797I	-9.58964 - 1.76558I	0
b = -0.202360 + 1.091070I		
u = 0.829095 - 0.994657I		
a = 0.002787 - 0.308797I	-9.58964 + 1.76558I	0
b = -0.202360 - 1.091070I		
u = 0.530933 + 0.444057I		
a = -0.119018 + 0.649917I	-1.52903 + 1.30429I	-5.12625 - 3.74177I
b = 0.495359 - 0.792874I		
u = 0.530933 - 0.444057I		
a = -0.119018 - 0.649917I	-1.52903 - 1.30429I	-5.12625 + 3.74177I
b = 0.495359 + 0.792874I		
u = -1.160010 + 0.608816I		
a = 0.545323 + 0.459676I	1.59454 - 2.41033I	0
b = -0.612716 + 0.220527I		
u = -1.160010 - 0.608816I		
a = 0.545323 - 0.459676I	1.59454 + 2.41033I	0
b = -0.612716 - 0.220527I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.643557 + 0.178198I		
a = -2.12674 + 2.04600I	5.29698 + 3.34950I	6.77983 - 1.21808I
b = -0.025888 - 0.650354I		
u = 0.643557 - 0.178198I		
a = -2.12674 - 2.04600I	5.29698 - 3.34950I	6.77983 + 1.21808I
b = -0.025888 + 0.650354I		
u = -1.083150 + 0.804487I		
a = -1.74237 - 0.78537I	-6.5812 - 15.8690I	0
b = 1.12860 - 1.67159I		
u = -1.083150 - 0.804487I		
a = -1.74237 + 0.78537I	-6.5812 + 15.8690I	0
b = 1.12860 + 1.67159I		
u = 1.039460 + 0.875271I		
a = 1.252010 - 0.411170I	-8.90185 + 8.59101I	0
b = -0.250076 - 1.144770I		
u = 1.039460 - 0.875271I		
a = 1.252010 + 0.411170I	-8.90185 - 8.59101I	0
b = -0.250076 + 1.144770I		
u = -0.069054 + 0.554266I		
a = -0.493891 + 0.277556I	0.13598 - 1.52625I	0.94008 + 4.56682I
b = -0.601970 + 0.652027I		
u = -0.069054 - 0.554266I		
a = -0.493891 - 0.277556I	0.13598 + 1.52625I	0.94008 - 4.56682I
b = -0.601970 - 0.652027I		
u = -0.224940 + 0.509809I		
a = 2.05694 + 0.80981I	-2.40873 + 0.49788I	-3.19283 + 1.76670I
b = 0.902556 + 0.301696I		
u = -0.224940 - 0.509809I		
a = 2.05694 - 0.80981I	-2.40873 - 0.49788I	-3.19283 - 1.76670I
b = 0.902556 - 0.301696I		

$$II. \\ I_2^u = \langle -51u^3a^2 + 106u^3a + \cdots - 80a - 21, \ -2u^3a^2 + u^3a + \cdots - 2a - 2, \ u^4 - u^2 + 1 \rangle$$

(i) Arc colorings

$$a_{6} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} 0 \\ u \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} 0.111597a^{2}u^{3} - 0.231947au^{3} + \dots + 0.175055a + 0.0459519 \end{pmatrix}$$

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

$$a_{8} = \begin{pmatrix} 0.391685a^{2}u^{3} + 0.166302au^{3} + \dots + 0.00656455a - 0.485777 \\ u^{3} \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 0.391685a^{2}u^{3} + 0.166302au^{3} + \dots + 0.00656455a - 0.485777 \\ u^{3} \end{pmatrix}$$

$$a_{3} = \begin{pmatrix} -0.111597a^{2}u^{3} + 0.231947au^{3} + \dots + 0.824945a - 0.0459519 \\ 0.0656455a^{2}u^{3} - 0.312910au^{3} + \dots + 0.367615a + 0.203501 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} 0.306346a^{2}u^{3} - 0.126915au^{3} + \dots + 0.284464a - 1.05033 \\ 1 \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} 0.256018a^{2}u^{3} - 0.120350au^{3} + \dots + 0.166302a - 0.306346 \\ -0.256018a^{2}u^{3} + 0.120350au^{3} + \dots + 0.166302a + 0.306346 \end{pmatrix}$$

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

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

$$a_{10} = \begin{pmatrix} -u^{3} \\ 0 \end{pmatrix}$$

(ii) Obstruction class = 1

(iii) Cusp Shapes =
$$-\frac{588}{457}u^3a^2 + \frac{272}{457}a^2u^2 + \frac{792}{457}u^3a + \frac{400}{457}a^2u + \frac{44}{457}u^2a - \frac{112}{457}u^3 - \frac{384}{457}a^2 - \frac{688}{457}au - \frac{1428}{457}u^2 + \frac{368}{457}a + \frac{1556}{457}u + \frac{2016}{457}u^3 - \frac{1128}{457}u^3 - \frac{1128}{457}u$$

(iv) u-Polynomials at the component

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

(v) Riley Polynomials at the component

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

(vi) Complex Volumes and Cusp Shapes

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.866025 + 0.500000I		
a = 1.79596 - 0.63842I	4.66906 - 0.79824I	5.50976 - 0.48465I
b = -0.14373 - 1.45121I		
u = 0.866025 + 0.500000I		
a = -2.29105 + 0.88075I	4.66906 + 4.85801I	5.50976 - 6.44355I
b = 0.60113 + 1.32865I		
u = 0.866025 + 0.500000I		
a = -1.37094 + 2.98973I	0.53148 + 2.02988I	-1.01951 - 3.46410I
b = 3.27465 - 0.87744I		
u = 0.866025 - 0.500000I		
a = 1.79596 + 0.63842I	4.66906 + 0.79824I	5.50976 + 0.48465I
b = -0.14373 + 1.45121I		
u = 0.866025 - 0.500000I		
a = -2.29105 - 0.88075I	4.66906 - 4.85801I	5.50976 + 6.44355I
b = 0.60113 - 1.32865I		
u = 0.866025 - 0.500000I		
a = -1.37094 - 2.98973I	0.53148 - 2.02988I	-1.01951 + 3.46410I
b = 3.27465 + 0.87744I		
u = -0.866025 + 0.500000I		
a = -0.383943 - 0.049811I	0.53148 - 2.02988I	-1.01951 + 3.46410I
b = 0.235109 - 0.877439I		
u = -0.866025 + 0.500000I		
a = 0.87835 + 1.41333I	4.66906 - 4.85801I	5.50976 + 6.44355I
b = -0.356011 - 0.161073I		
u = -0.866025 + 0.500000I		
a = -0.62838 - 1.59557I	4.66906 + 0.79824I	5.50976 + 0.48465I
b = 0.388851 + 0.038512I		
u = -0.866025 - 0.500000I		
a = -0.383943 + 0.049811I	0.53148 + 2.02988I	-1.01951 - 3.46410I
b = 0.235109 + 0.877439I		

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.866025 - 0.500000I		
a = 0.87835 - 1.41333I	4.66906 + 4.85801I	5.50976 - 6.44355I
b = -0.356011 + 0.161073I		
u = -0.866025 - 0.500000I		
a = -0.62838 + 1.59557I	4.66906 - 0.79824I	5.50976 - 0.48465I
b = 0.388851 - 0.038512I		

III. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$((u^3 - u^2 + 2u - 1)^4)(u^{60} + 35u^{59} + \dots + 64u + 1)$
c_2	$((u^3 + u^2 - 1)^4)(u^{60} - 5u^{59} + \dots - 16u + 1)$
c_3, c_7	$((u^6 - 3u^4 + 2u^2 + 1)^2)(u^{60} - u^{59} + \dots - 4u + 1)$
C4	$((u^3 - u^2 + 1)^4)(u^{60} - 5u^{59} + \dots - 16u + 1)$
c_5,c_8,c_9	$((u^2+1)^6)(u^{60}-3u^{59}+\cdots-154u+49)$
c_6, c_{11}	$((u^4 - u^2 + 1)^3)(u^{60} - 3u^{59} + \dots - 12u + 17)$
c_{10}	$((u^2 + u + 1)^6)(u^{60} - 17u^{59} + \dots - 2558u + 289)$
c_{12}	$((u^2 - u + 1)^6)(u^{60} - 17u^{59} + \dots - 2558u + 289)$

IV. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$((y^3 + 3y^2 + 2y - 1)^4)(y^{60} - 15y^{59} + \dots + 2064y + 1)$
c_{2}, c_{4}	$((y^3 - y^2 + 2y - 1)^4)(y^{60} - 35y^{59} + \dots - 64y + 1)$
c_3, c_7	$((y^3 - 3y^2 + 2y + 1)^4)(y^{60} - 15y^{59} + \dots - 40y + 1)$
c_5,c_8,c_9	$((y+1)^{12})(y^{60}+21y^{59}+\cdots+34104y+2401)$
c_6,c_{11}	$((y^2 - y + 1)^6)(y^{60} - 17y^{59} + \dots - 2558y + 289)$
c_{10},c_{12}	$((y^2 + y + 1)^6)(y^{60} + 59y^{59} + \dots - 725794y + 83521)$