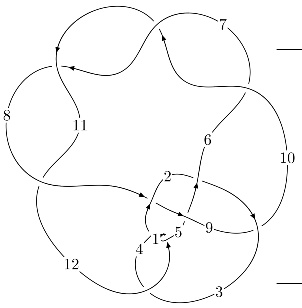
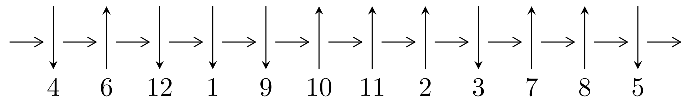
$12a_{1007}$ $(K12a_{1007})$



A knot diagram[1]

Linearized knot diagam



Solving Sequence

$7,10 \xrightarrow[c_{10}]{} 11 \xrightarrow[c_7]{} 8 \xrightarrow[c_{11}]{} 3,12 \xrightarrow[c_3]{} 4 \xrightarrow[c_6]{} 6 \xrightarrow[c_2]{} 2 \xrightarrow[c_1]{} 1 \xrightarrow[c_9]{} 9 \xrightarrow[c_5]{} 5 \twoheadrightarrow c_4, c_8, c_{12}$

Ideals for irreducible components[2] of $X_{\mathbf{par}}$

$$\begin{aligned}
I_1^u = \langle &-2.73105 \times 10^{74} u^{73} + 1.04551 \times 10^{75} u^{72} + \cdots + 6.63560 \times 10^{73} b + 5.79542 \times 10^{74}, \\
&2.90380 \times 10^{74} u^{73} - 1.11784 \times 10^{75} u^{72} + \cdots + 6.63560 \times 10^{73} a - 7.84843 \times 10^{74},\ u^{74} - 4u^{73} + \cdots + 3u + 1
\end{aligned}$$

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

* 2 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 77 representations.

[1]The 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.

$\boldsymbol{I_1^u = \langle -2.73\times10^{74}u^{73}+1.05\times10^{75}u^{72}+\cdots+6.64\times10^{73}b+5.80\times10^{74},\ 2.90\times10^{74}u^{73}-1.12\times10^{75}u^{72}+\cdots+6.64\times10^{73}a-7.85\times10^{74},\ u^{74}-4u^{73}+\cdots+3u+1\rangle}$

(i) Arc colorings

$$a_7 = \begin{pmatrix}0\\u\end{pmatrix}$$
$$a_{10} = \begin{pmatrix}1\\0\end{pmatrix}$$
$$a_{11} = \begin{pmatrix}1\\-u^2\end{pmatrix}$$
$$a_8 = \begin{pmatrix}u\\-u^3+u\end{pmatrix}$$
$$a_3 = \begin{pmatrix}-4.37609u^{73}+16.8460u^{72}+\cdots+52.4768u+11.8278\\4.11576u^{73}-15.7560u^{72}+\cdots-45.0010u-8.73384\end{pmatrix}$$
$$a_{12} = \begin{pmatrix}-u^2+1\\u^4-2u^2\end{pmatrix}$$
$$a_4 = \begin{pmatrix}-6.70751u^{73}+23.6093u^{72}+\cdots+56.6250u+12.6818\\7.05505u^{73}-24.6502u^{72}+\cdots-59.0346u-11.9969\end{pmatrix}$$
$$a_6 = \begin{pmatrix}-u\\u\end{pmatrix}$$
$$a_2 = \begin{pmatrix}-5.25069u^{73}+18.6857u^{72}+\cdots+52.3624u+11.8764\\4.99036u^{73}-17.5957u^{72}+\cdots-44.8866u-8.78248\end{pmatrix}$$
$$a_1 = \begin{pmatrix}6.92512u^{73}-21.5547u^{72}+\cdots-40.4571u-7.72040\\-6.48591u^{73}+20.1000u^{72}+\cdots+34.5039u+7.98169\end{pmatrix}$$
$$a_9 = \begin{pmatrix}3.64853u^{73}-11.8343u^{72}+\cdots-31.7013u-7.77982\\-6.07450u^{73}+18.8967u^{72}+\cdots+44.3898u+8.64309\end{pmatrix}$$
$$a_5 = \begin{pmatrix}1.21712u^{73}-5.23446u^{72}+\cdots-18.5691u-4.25242\\-1.21712u^{73}+5.23446u^{72}+\cdots+18.5691u+3.25242\end{pmatrix}$$

(ii) Obstruction class $= -1$

(iii) Cusp Shapes $= 90.9880u^{73}-311.861u^{72}+\cdots-727.709u-161.363$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1, c_4, c_{12}	$u^{74} - 2u^{73} + \cdots + 14u - 1$
c_2	$u^{74} - 5u^{73} + \cdots - 4u + 8$
c_3	$u^{74} + 2u^{73} + \cdots + 316u - 113$
c_5	$u^{74} + 4u^{73} + \cdots - 3u - 1$
c_6, c_7, c_{10} c_{11}	$u^{74} - 4u^{73} + \cdots + 3u + 1$
c_8	$u^{74} + 29u^{72} + \cdots - 10528u - 1472$
c_9	$u^{74} + 2u^{73} + \cdots - 1674u + 189$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1, c_4, c_{12}	$y^{74} + 66y^{73} + \cdots - 86y + 1$
c_2	$y^{74} - 21y^{73} + \cdots + 176y + 64$
c_3	$y^{74} - 6y^{73} + \cdots - 1391446y + 12769$
c_5	$y^{74} - 8y^{73} + \cdots - 11y + 1$
c_6, c_7, c_{10} c_{11}	$y^{74} - 88y^{73} + \cdots - 11y + 1$
c_8	$y^{74} + 58y^{73} + \cdots - 88558592y + 2166784$
c_9	$y^{74} + 90y^{73} + \cdots - 75006y + 35721$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = -0.942093 + 0.309194I$ $a = 0.82178 - 1.53663I$ $b = 0.512844 + 1.053040I$	$9.22994 - 3.76689I$	0
$u = -0.942093 - 0.309194I$ $a = 0.82178 + 1.53663I$ $b = 0.512844 - 1.053040I$	$9.22994 + 3.76689I$	0
$u = -0.829214 + 0.539612I$ $a = 0.454823 - 1.201050I$ $b = 0.93839 + 1.08699I$	$0.17157 - 8.96993I$	0
$u = -0.829214 - 0.539612I$ $a = 0.454823 + 1.201050I$ $b = 0.93839 - 1.08699I$	$0.17157 + 8.96993I$	0
$u = 0.759294 + 0.675735I$ $a = -0.727541 - 0.427353I$ $b = 0.083007 + 0.966573I$	$6.66017 + 4.10483I$	0
$u = 0.759294 - 0.675735I$ $a = -0.727541 + 0.427353I$ $b = 0.083007 - 0.966573I$	$6.66017 - 4.10483I$	0
$u = -0.875516 + 0.576026I$ $a = -0.378694 + 1.296850I$ $b = -0.94555 - 1.18981I$	$5.52475 - 12.85780I$	0
$u = -0.875516 - 0.576026I$ $a = -0.378694 - 1.296850I$ $b = -0.94555 + 1.18981I$	$5.52475 + 12.85780I$	0
$u = -0.783161 + 0.448813I$ $a = -0.672469 + 1.120440I$ $b = -0.846780 - 0.934444I$	$1.93066 - 4.73106I$	0
$u = -0.783161 - 0.448813I$ $a = -0.672469 - 1.120440I$ $b = -0.846780 + 0.934444I$	$1.93066 + 4.73106I$	0

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = 1.019360 + 0.418934I$ $a = -0.652930 - 0.054022I$ $b = 0.195417 + 0.497499I$	$1.233780 - 0.643810I$	0
$u = 1.019360 - 0.418934I$ $a = -0.652930 + 0.054022I$ $b = 0.195417 - 0.497499I$	$1.233780 + 0.643810I$	0
$u = 0.683679 + 0.520772I$ $a = 0.646846 + 0.414647I$ $b = 0.063130 - 0.851636I$	$1.52626 + 1.62659I$	0
$u = 0.683679 - 0.520772I$ $a = 0.646846 - 0.414647I$ $b = 0.063130 + 0.851636I$	$1.52626 - 1.62659I$	0
$u = -0.042815 + 0.820802I$ $a = -0.022920 - 0.248405I$ $b = 0.752740 - 0.872074I$	$2.99294 + 8.23725I$	0
$u = -0.042815 - 0.820802I$ $a = -0.022920 + 0.248405I$ $b = 0.752740 + 0.872074I$	$2.99294 - 8.23725I$	0
$u = 1.041600 + 0.561025I$ $a = 0.843277 + 0.134056I$ $b = -0.345412 - 0.645126I$	$6.23102 - 3.52690I$	0
$u = 1.041600 - 0.561025I$ $a = 0.843277 - 0.134056I$ $b = -0.345412 + 0.645126I$	$6.23102 + 3.52690I$	0
$u = 0.804616$ $a = 0.0596040$ $b = -0.470934$	1.37963	7.78020
$u = 0.278147 + 0.701699I$ $a = -0.531426 - 0.183780I$ $b = -0.370065 + 0.993896I$	$5.32512 + 0.61066I$	$6.95537 - 3.49676I$

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = 0.278147 - 0.701699I$ $a = -0.531426 + 0.183780I$ $b = -0.370065 - 0.993896I$	$5.32512 - 0.61066I$	$6.95537 + 3.49676I$
$u = -0.076491 + 0.743872I$ $a = -0.068451 + 0.435127I$ $b = -0.708862 + 0.765875I$	$-2.10901 + 4.69253I$	$-2.35074 - 6.40585I$
$u = -0.076491 - 0.743872I$ $a = -0.068451 - 0.435127I$ $b = -0.708862 - 0.765875I$	$-2.10901 - 4.69253I$	$-2.35074 + 6.40585I$
$u = -0.697142 + 0.254994I$ $a = -0.84682 - 2.27846I$ $b = 0.394907 + 0.369057I$	$4.36563 - 5.67177I$	$5.66664 + 10.45565I$
$u = -0.697142 - 0.254994I$ $a = -0.84682 + 2.27846I$ $b = 0.394907 - 0.369057I$	$4.36563 + 5.67177I$	$5.66664 - 10.45565I$
$u = 1.232420 + 0.264639I$ $a = 0.554960 - 0.396105I$ $b = -0.260746 - 0.134724I$	$4.38603 + 1.61993I$	0
$u = 1.232420 - 0.264639I$ $a = 0.554960 + 0.396105I$ $b = -0.260746 + 0.134724I$	$4.38603 - 1.61993I$	0
$u = 0.679946 + 0.082464I$ $a = -0.43115 + 3.67418I$ $b = 0.41590 - 3.16791I$	$4.22903 + 3.00667I$	$-23.7815 + 12.2873I$
$u = 0.679946 - 0.082464I$ $a = -0.43115 - 3.67418I$ $b = 0.41590 + 3.16791I$	$4.22903 - 3.00667I$	$-23.7815 - 12.2873I$
$u = -0.581096 + 0.313903I$ $a = -1.213140 + 0.596613I$ $b = -0.822786 - 0.504890I$	$1.22795 - 4.09761I$	$0.86435 + 10.33100I$

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = -0.581096 - 0.313903I$ $a = -1.213140 - 0.596613I$ $b = -0.822786 + 0.504890I$	$1.22795 + 4.09761I$	$0.86435 - 10.33100I$
$u = 0.590590 + 0.079779I$ $a = 0.28668 - 3.05361I$ $b = -0.11712 + 2.48646I$	$-0.097330 + 0.250762I$	$-5.7725 + 24.0060I$
$u = 0.590590 - 0.079779I$ $a = 0.28668 + 3.05361I$ $b = -0.11712 - 2.48646I$	$-0.097330 - 0.250762I$	$-5.7725 - 24.0060I$
$u = -0.178104 + 0.556859I$ $a = 0.277771 - 1.018920I$ $b = 0.587211 - 0.511483I$	$-0.013339 + 1.302490I$	$-1.19820 - 1.15705I$
$u = -0.178104 - 0.556859I$ $a = 0.277771 + 1.018920I$ $b = 0.587211 + 0.511483I$	$-0.013339 - 1.302490I$	$-1.19820 + 1.15705I$
$u = -0.516630 + 0.230004I$ $a = 0.36605 + 2.44705I$ $b = -0.314688 - 0.080344I$	$-1.24147 - 1.91408I$	$-5.09899 + 10.28622I$
$u = -0.516630 - 0.230004I$ $a = 0.36605 - 2.44705I$ $b = -0.314688 + 0.080344I$	$-1.24147 + 1.91408I$	$-5.09899 - 10.28622I$
$u = 0.458807 + 0.180216I$ $a = -0.85511 + 2.71233I$ $b = 0.70245 - 1.70843I$	$3.88920 - 2.27458I$	$1.22488 + 8.50227I$
$u = 0.458807 - 0.180216I$ $a = -0.85511 - 2.71233I$ $b = 0.70245 + 1.70843I$	$3.88920 + 2.27458I$	$1.22488 - 8.50227I$
$u = -1.55302 + 0.02610I$ $a = -0.25871 - 2.13725I$ $b = 0.68489 + 1.79511I$	$10.61670 - 2.04355I$	0

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u=-1.55302-0.02610I$ $a=-0.25871+2.13725I$ $b=\ \ 0.68489-1.79511I$	$10.61670+2.04355I$	0
$u=-0.048697+0.438598I$ $a=\ \ 0.930836-0.918696I$ $b=\ \ 0.383488-0.579860I$	$-0.060405+1.403310I$	$-0.47421-3.22545I$
$u=-0.048697-0.438598I$ $a=\ \ 0.930836+0.918696I$ $b=\ \ 0.383488+0.579860I$	$-0.060405-1.403310I$	$-0.47421+3.22545I$
$u=\ \ 1.57754$ $a=-0.226280$ $b=-1.08206$	5.13843	0
$u=\ \ 1.58226+0.03011I$ $a=-0.26906+1.71184I$ $b=\ \ 0.025820-0.468816I$	$6.03750+2.63879I$	0
$u=\ \ 1.58226-0.03011I$ $a=-0.26906-1.71184I$ $b=\ \ 0.025820+0.468816I$	$6.03750-2.63879I$	0
$u=\ \ 1.58916+0.05016I$ $a=\ \ 0.069893+0.879917I$ $b=\ \ 1.086110-0.532337I$	$8.67348+5.20861I$	0
$u=\ \ 1.58916-0.05016I$ $a=\ \ 0.069893-0.879917I$ $b=\ \ 1.086110+0.532337I$	$8.67348-5.20861I$	0
$u=-1.60397+0.01496I$ $a=\ \ 0.74114-3.10611I$ $b=-0.95392+2.77699I$	$7.59534-0.55477I$	0
$u=-1.60397-0.01496I$ $a=\ \ 0.74114+3.10611I$ $b=-0.95392-2.77699I$	$7.59534+0.55477I$	0

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 1.62084 + 0.05971I$		
$a = 0.56755 - 1.69860I$	$12.4082 + 6.7857I$	0
$b = -0.050518 + 0.593462I$		
$u = 1.62084 - 0.05971I$		
$a = 0.56755 + 1.69860I$	$12.4082 - 6.7857I$	0
$b = -0.050518 - 0.593462I$		
$u = -1.62819 + 0.02954I$		
$a = -0.25981 + 3.45963I$	$12.34910 - 3.46973I$	0
$b = 0.38510 - 3.04819I$		
$u = -1.62819 - 0.02954I$		
$a = -0.25981 - 3.45963I$	$12.34910 + 3.46973I$	0
$b = 0.38510 + 3.04819I$		
$u = -1.62870 + 0.15990I$		
$a = -0.270266 + 1.334690I$	$9.47696 - 4.24095I$	0
$b = -0.344859 - 1.144900I$		
$u = -1.62870 - 0.15990I$		
$a = -0.270266 - 1.334690I$	$9.47696 + 4.24095I$	0
$b = -0.344859 + 1.144900I$		
$u = 1.64161 + 0.12775I$		
$a = -0.15420 + 1.69986I$	$10.27170 + 6.92583I$	0
$b = 1.04989 - 1.20464I$		
$u = 1.64161 - 0.12775I$		
$a = -0.15420 - 1.69986I$	$10.27170 - 6.92583I$	0
$b = 1.04989 + 1.20464I$		
$u = -1.65700 + 0.08518I$		
$a = -0.092227 - 1.003530I$	$10.43250 - 0.92808I$	0
$b = 0.633049 + 0.868120I$		
$u = -1.65700 - 0.08518I$		
$a = -0.092227 + 1.003530I$	$10.43250 + 0.92808I$	0
$b = 0.633049 - 0.868120I$		

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = 1.65340 + 0.15594I$ $a = 0.23581 - 1.86604I$ $b = -1.08403 + 1.37222I$	$8.6605 + 11.6416I$	0
$u = 1.65340 - 0.15594I$ $a = 0.23581 + 1.86604I$ $b = -1.08403 - 1.37222I$	$8.6605 - 11.6416I$	0
$u = -1.65535 + 0.20131I$ $a = 0.461400 - 1.305450I$ $b = 0.191063 + 1.136940I$	$14.8889 - 7.4681I$	0
$u = -1.65535 - 0.20131I$ $a = 0.461400 + 1.305450I$ $b = 0.191063 - 1.136940I$	$14.8889 + 7.4681I$	0
$u = -0.288235 + 0.161328I$ $a = 2.08965 + 0.60336I$ $b = 0.851960 + 0.035687I$	$-1.79590 + 0.04835I$	$-7.72033 + 2.40236I$
$u = -0.288235 - 0.161328I$ $a = 2.08965 - 0.60336I$ $b = 0.851960 - 0.035687I$	$-1.79590 - 0.04835I$	$-7.72033 - 2.40236I$
$u = 1.67485 + 0.08494I$ $a = -0.18727 - 1.73912I$ $b = -0.731206 + 1.134850I$	$18.3117 + 5.3180I$	0
$u = 1.67485 - 0.08494I$ $a = -0.18727 + 1.73912I$ $b = -0.731206 - 1.134850I$	$18.3117 - 5.3180I$	0
$u = 1.67017 + 0.16856I$ $a = -0.22476 + 1.98140I$ $b = 1.04949 - 1.47622I$	$14.2321 + 15.7575I$	0
$u = 1.67017 - 0.16856I$ $a = -0.22476 - 1.98140I$ $b = 1.04949 + 1.47622I$	$14.2321 - 15.7575I$	0

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.051463 + 0.297579I$ $a = -0.80704 - 2.13227I$ $b = -1.056030 + 0.299059I$	$2.60707 + 3.62012I$	$-0.482860 - 0.752061I$
$u = -0.051463 - 0.297579I$ $a = -0.80704 + 2.13227I$ $b = -1.056030 - 0.299059I$	$2.60707 - 3.62012I$	$-0.482860 + 0.752061I$
$u = -1.73032 + 0.09654I$ $a = -0.341147 + 0.686921I$ $b = -0.257783 - 0.605681I$	$16.1715 + 1.0241I$	0
$u = -1.73032 - 0.09654I$ $a = -0.341147 - 0.686921I$ $b = -0.257783 + 0.605681I$	$16.1715 - 1.0241I$	0

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

(i) Arc colorings

$$a_7 = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} 1 \\ -1 \end{pmatrix}$$

$$a_8 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_3 = \begin{pmatrix} a \\ -a \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

$$a_4 = \begin{pmatrix} a \\ 0 \end{pmatrix}$$

$$a_6 = \begin{pmatrix} -1 \\ 1 \end{pmatrix}$$

$$a_2 = \begin{pmatrix} a \\ -a \end{pmatrix}$$

$$a_1 = \begin{pmatrix} a^2 + a - 1 \\ -a \end{pmatrix}$$

$$a_9 = \begin{pmatrix} a^2 + 1 \\ -a^2 \end{pmatrix}$$

$$a_5 = \begin{pmatrix} a^2 \\ -a^2 + 1 \end{pmatrix}$$

(ii) Obstruction class $= 1$

(iii) Cusp Shapes $= -a^2 - 5a + 1$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1, c_{12}	$u^3 - u^2 + 2u - 1$
c_2	u^3
c_3, c_8, c_9	$u^3 - u^2 + 1$
c_4	$u^3 + u^2 + 2u + 1$
c_5, c_6, c_7	$(u + 1)^3$
c_{10}, c_{11}	$(u - 1)^3$

(v) Riley Polynomials at the component

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

(vi) Complex Volumes and Cusp Shapes

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 1.00000$ $a = -0.877439 + 0.744862I$ $b = 0.877439 - 0.744862I$	$4.66906 + 2.82812I$	$5.17211 - 2.41717I$
$u = 1.00000$ $a = -0.877439 - 0.744862I$ $b = 0.877439 + 0.744862I$	$4.66906 - 2.82812I$	$5.17211 + 2.41717I$
$u = 1.00000$ $a = 0.754878$ $b = -0.754878$	0.531480	-3.34420

III. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1, c_{12}	$(u^3 - u^2 + 2u - 1)(u^{74} - 2u^{73} + \cdots + 14u - 1)$
c_2	$u^3(u^{74} - 5u^{73} + \cdots - 4u + 8)$
c_3	$(u^3 - u^2 + 1)(u^{74} + 2u^{73} + \cdots + 316u - 113)$
c_4	$(u^3 + u^2 + 2u + 1)(u^{74} - 2u^{73} + \cdots + 14u - 1)$
c_5	$((u + 1)^3)(u^{74} + 4u^{73} + \cdots - 3u - 1)$
c_6, c_7	$((u + 1)^3)(u^{74} - 4u^{73} + \cdots + 3u + 1)$
c_8	$(u^3 - u^2 + 1)(u^{74} + 29u^{72} + \cdots - 10528u - 1472)$
c_9	$(u^3 - u^2 + 1)(u^{74} + 2u^{73} + \cdots - 1674u + 189)$
c_{10}, c_{11}	$((u - 1)^3)(u^{74} - 4u^{73} + \cdots + 3u + 1)$

IV. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1, c_4, c_{12}	$(y^3 + 3y^2 + 2y - 1)(y^{74} + 66y^{73} + \cdots - 86y + 1)$
c_2	$y^3(y^{74} - 21y^{73} + \cdots + 176y + 64)$
c_3	$(y^3 - y^2 + 2y - 1)(y^{74} - 6y^{73} + \cdots - 1391446y + 12769)$
c_5	$((y-1)^3)(y^{74} - 8y^{73} + \cdots - 11y + 1)$
c_6, c_7, c_{10} c_{11}	$((y-1)^3)(y^{74} - 88y^{73} + \cdots - 11y + 1)$
c_8	$(y^3 - y^2 + 2y - 1)(y^{74} + 58y^{73} + \cdots - 8.85586 \times 10^7 y + 2166784)$
c_9	$(y^3 - y^2 + 2y - 1)(y^{74} + 90y^{73} + \cdots - 75006y + 35721)$