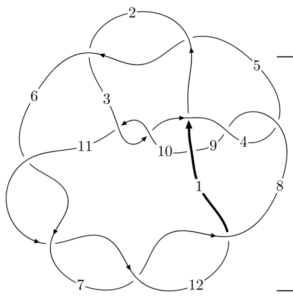
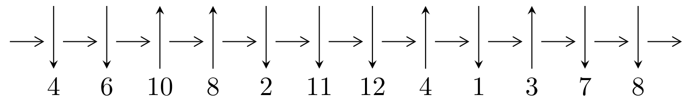
$12n_{0793}$ ($K12n_{0793}$)



A knot diagram[1]

Linearized knot diagam



Solving Sequence

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

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

$$
\begin{aligned}
I_1^u = \langle & -9.06380 \times 10^{25} u^{41} + 1.37425 \times 10^{28} u^{40} + \cdots + 2.41942 \times 10^{28} b - 1.11983 \times 10^{29}, \\
& - 3.26749 \times 10^{28} u^{41} - 3.64396 \times 10^{28} u^{40} + \cdots + 2.66137 \times 10^{29} a + 8.28132 \times 10^{29}, \\
& u^{42} + 2u^{41} + \cdots - 46u + 11 \rangle \\
I_2^u = \langle & u^7 - 5u^5 + 7u^3 + b - 2u,\ u^7 - 5u^5 + 7u^3 - u^2 + a - 2u + 2, \\
& u^{12} + u^{11} - 8u^{10} - 7u^9 + 24u^8 + 17u^7 - 33u^6 - 16u^5 + 20u^4 + 4u^3 - 4u^2 - u - 1 \rangle
\end{aligned}
$$

* 2 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 54 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. $I_1^u = \langle -9.06\times10^{25}u^{41} + 1.37\times10^{28}u^{40} + \cdots + 2.42\times10^{28}b - 1.12\times10^{29},\ -3.27\times10^{28}u^{41} - 3.64\times10^{28}u^{40} + \cdots + 2.66\times10^{29}a + 8.28\times10^{29},\ u^{42} + 2u^{41} + \cdots - 46u + 11\rangle$

(i) Arc colorings

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

$$a_{11} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} 1 \\ u^2 \end{pmatrix}$$

$$a_8 = \begin{pmatrix} -u \\ -u^3 + u \end{pmatrix}$$

$$a_1 = \begin{pmatrix} -u^2 + 1 \\ -u^4 + 2u^2 \end{pmatrix}$$

$$a_3 = \begin{pmatrix} 0.122775u^{41} + 0.136921u^{40} + \cdots + 9.26541u - 3.11168 \\ 0.00374626u^{41} - 0.568007u^{40} + \cdots - 19.2584u + 4.62848 \end{pmatrix}$$

$$a_6 = \begin{pmatrix} u \\ u \end{pmatrix}$$

$$a_2 = \begin{pmatrix} 0.552701u^{41} + 0.271165u^{40} + \cdots - 10.9013u + 2.02390 \\ 0.433672u^{41} - 0.433763u^{40} + \cdots - 39.4251u + 9.76406 \end{pmatrix}$$

$$a_5 = \begin{pmatrix} 1.16210u^{41} + 1.69216u^{40} + \cdots + 6.54468u - 3.34003 \\ 0.919505u^{41} + 0.221580u^{40} + \cdots - 40.9514u + 10.5711 \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} 1.17084u^{41} + 1.34160u^{40} + \cdots - 4.55540u - 2.12767 \\ 1.14646u^{41} + 1.21035u^{40} + \cdots - 7.23546u - 2.71408 \end{pmatrix}$$

$$a_4 = \begin{pmatrix} 0.785947u^{41} + 1.09699u^{40} + \cdots + 0.412589u - 1.16966 \\ 0.634717u^{41} + 0.515957u^{40} + \cdots - 23.4534u + 6.67222 \end{pmatrix}$$

$$a_9 = \begin{pmatrix} -1.45613u^{41} - 1.65616u^{40} + \cdots + 6.43111u + 2.36059 \\ -1.31980u^{41} - 1.39650u^{40} + \cdots + 8.42549u + 3.12293 \end{pmatrix}$$

(ii) Obstruction class $= -1$

(iii) Cusp Shapes $= 0.0586366u^{41} + 0.331503u^{40} + \cdots + 5.71695u - 17.0612$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{42} - 2u^{41} + \cdots - 45u - 1$
c_2, c_5	$u^{42} + 3u^{41} + \cdots + 3244u + 611$
c_3, c_{10}	$u^{42} + u^{41} + \cdots - 26u + 7$
c_4, c_8	$u^{42} - 3u^{41} + \cdots + 222u + 79$
c_6, c_7, c_{11} c_{12}	$u^{42} - 2u^{41} + \cdots + 46u + 11$
c_9	$u^{42} + u^{41} + \cdots - 48u + 1$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{42} + 34y^{41} + \cdots - 3015y + 1$
c_2, c_5	$y^{42} - 29y^{41} + \cdots - 6104784y + 373321$
c_3, c_{10}	$y^{42} + 43y^{41} + \cdots - 1208y + 49$
c_4, c_8	$y^{42} - 37y^{41} + \cdots - 146770y + 6241$
c_6, c_7, c_{11} c_{12}	$y^{42} - 52y^{41} + \cdots - 2050y + 121$
c_9	$y^{42} + 39y^{41} + \cdots - 3522y + 1$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = 0.221678 + 0.929619I$ $a = 0.236802 + 0.144006I$ $b = 0.200628 + 1.379120I$	$-0.23479 + 3.42452I$	$-7.25006 - 2.36788I$
$u = 0.221678 - 0.929619I$ $a = 0.236802 - 0.144006I$ $b = 0.200628 - 1.379120I$	$-0.23479 - 3.42452I$	$-7.25006 + 2.36788I$
$u = 0.834678 + 0.726650I$ $a = 0.942471 + 1.038720I$ $b = -0.32235 + 1.47004I$	$-2.09585 - 8.88492I$	$-8.23343 + 6.33839I$
$u = 0.834678 - 0.726650I$ $a = 0.942471 - 1.038720I$ $b = -0.32235 - 1.47004I$	$-2.09585 + 8.88492I$	$-8.23343 - 6.33839I$
$u = 0.839481$ $a = -0.147245$ $b = 0.446812$	-1.61731	-3.83040
$u = -0.649459 + 0.528735I$ $a = 0.425369 - 0.221209I$ $b = -0.883358 - 0.331381I$	$3.71527 + 4.57178I$	$-4.48983 - 6.21438I$
$u = -0.649459 - 0.528735I$ $a = 0.425369 + 0.221209I$ $b = -0.883358 + 0.331381I$	$3.71527 - 4.57178I$	$-4.48983 + 6.21438I$
$u = -1.205320 + 0.086480I$ $a = -0.45359 + 1.35560I$ $b = 0.093741 + 0.991733I$	$-4.64795 + 1.97026I$	$-11.59090 - 3.85800I$
$u = -1.205320 - 0.086480I$ $a = -0.45359 - 1.35560I$ $b = 0.093741 - 0.991733I$	$-4.64795 - 1.97026I$	$-11.59090 + 3.85800I$
$u = 0.550462 + 0.540915I$ $a = -1.409400 - 0.043470I$ $b = 0.125351 - 1.359680I$	$-6.87451 - 1.88626I$	$-7.91284 + 3.72193I$

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol}+\sqrt{-1}CS)$	Cusp shape
$u = 0.550462 - 0.540915I$ $a = -1.409400 + 0.043470I$ $b = 0.125351 + 1.359680I$	$-6.87451 + 1.88626I$	$-7.91284 - 3.72193I$
$u = -0.560203 + 0.440638I$ $a = 1.43565 - 1.00821I$ $b = -0.04993 - 1.58808I$	$-7.60002 + 1.56574I$	$-5.17924 - 4.63604I$
$u = -0.560203 - 0.440638I$ $a = 1.43565 + 1.00821I$ $b = -0.04993 + 1.58808I$	$-7.60002 - 1.56574I$	$-5.17924 + 4.63604I$
$u = -0.334964 + 0.627307I$ $a = -0.026307 + 1.176530I$ $b = 0.577071 - 0.144380I$	$4.67940 - 0.63289I$	$-1.299354 - 0.211342I$
$u = -0.334964 - 0.627307I$ $a = -0.026307 - 1.176530I$ $b = 0.577071 + 0.144380I$	$4.67940 + 0.63289I$	$-1.299354 + 0.211342I$
$u = -1.244160 + 0.465780I$ $a = -0.79090 + 1.18454I$ $b = -0.025737 + 1.302660I$	$-4.81553 + 1.49702I$	0
$u = -1.244160 - 0.465780I$ $a = -0.79090 - 1.18454I$ $b = -0.025737 - 1.302660I$	$-4.81553 - 1.49702I$	0
$u = 0.595320 + 0.215476I$ $a = 0.20407 - 3.29680I$ $b = 0.272977 - 1.203760I$	$1.45303 - 2.42211I$	$-8.67176 + 3.95905I$
$u = 0.595320 - 0.215476I$ $a = 0.20407 + 3.29680I$ $b = 0.272977 + 1.203760I$	$1.45303 + 2.42211I$	$-8.67176 - 3.95905I$
$u = 1.42044 + 0.21754I$ $a = -0.455901 + 0.764179I$ $b = -0.205009 + 0.109418I$	$-0.93890 - 2.37365I$	0

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 1.42044 - 0.21754I$ $a = -0.455901 - 0.764179I$ $b = -0.205009 - 0.109418I$	$-0.93890 + 2.37365I$	0
$u = 0.509507 + 0.231007I$ $a = 0.734692 - 0.787767I$ $b = -0.636452 - 1.034150I$	$1.69283 + 0.80157I$	$-9.60902 + 2.15996I$
$u = 0.509507 - 0.231007I$ $a = 0.734692 + 0.787767I$ $b = -0.636452 + 1.034150I$	$1.69283 - 0.80157I$	$-9.60902 - 2.15996I$
$u = -0.506114$ $a = -1.86988$ $b = 0.407424$	-2.40722	5.24600
$u = -1.56067 + 0.05190I$ $a = 0.204618 - 1.091020I$ $b = 0.907751 - 0.996705I$	$-5.42360 + 0.16996I$	0
$u = -1.56067 - 0.05190I$ $a = 0.204618 + 1.091020I$ $b = 0.907751 + 0.996705I$	$-5.42360 - 0.16996I$	0
$u = 1.56797$ $a = 0.157767$ $b = -0.854086$	-9.60649	0
$u = -1.58059 + 0.15570I$ $a = 0.76812 - 1.50303I$ $b = -0.36026 - 1.39238I$	$-14.1195 + 4.4084I$	0
$u = -1.58059 - 0.15570I$ $a = 0.76812 + 1.50303I$ $b = -0.36026 + 1.39238I$	$-14.1195 - 4.4084I$	0
$u = 1.58699 + 0.12206I$ $a = -0.62381 - 2.20399I$ $b = 0.15580 - 1.70095I$	$-14.9835 - 3.5968I$	0

Solutions to I_1^u	$\sqrt{-1}(\text{vol}+\sqrt{-1}CS)$	Cusp shape
$u = 1.58699 - 0.12206I$ $a = -0.62381 + 2.20399I$ $b = 0.15580 + 1.70095I$	$-14.9835 + 3.5968I$	0
$u = -1.59898 + 0.06331I$ $a = -0.27626 - 2.55653I$ $b = -0.08483 - 1.42792I$	$-6.19779 + 3.44957I$	0
$u = -1.59898 - 0.06331I$ $a = -0.27626 + 2.55653I$ $b = -0.08483 + 1.42792I$	$-6.19779 - 3.44957I$	0
$u = 1.59624 + 0.14855I$ $a = 0.294078 - 0.648191I$ $b = 1.115930 - 0.471602I$	$-3.89460 - 7.04306I$	0
$u = 1.59624 - 0.14855I$ $a = 0.294078 + 0.648191I$ $b = 1.115930 + 0.471602I$	$-3.89460 + 7.04306I$	0
$u = 0.230807 + 0.288001I$ $a = 0.966776 + 0.311482I$ $b = -0.188196 + 0.489488I$	$-0.234295 - 0.833962I$	$-5.60412 + 8.29990I$
$u = 0.230807 - 0.288001I$ $a = 0.966776 - 0.311482I$ $b = -0.188196 - 0.489488I$	$-0.234295 + 0.833962I$	$-5.60412 - 8.29990I$
$u = -1.66654 + 0.22609I$ $a = -0.61931 + 1.92291I$ $b = 0.40841 + 1.58400I$	$-10.5286 + 12.5719I$	0
$u = -1.66654 - 0.22609I$ $a = -0.61931 - 1.92291I$ $b = 0.40841 - 1.58400I$	$-10.5286 - 12.5719I$	0
$u = -1.69539$ $a = -0.0379052$ $b = -0.681558$	-10.7530	0

Solutions to I_1^u	$\sqrt{-1}(\mathrm{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 1.75180 + 0.08364I$ $a = 0.43693 + 1.85011I$ $b = -0.26084 + 1.40596I$	$-15.4551 - 3.4434I$	0
$u = 1.75180 - 0.08364I$ $a = 0.43693 - 1.85011I$ $b = -0.26084 - 1.40596I$	$-15.4551 + 3.4434I$	0

II. $I_2^u =$
$\langle u^7-5u^5+7u^3+b-2u,\ u^7-5u^5+7u^3-u^2+a-2u+2,\ u^{12}+u^{11}+\cdots-u-1\rangle$

(i) Arc colorings

$$a_7 = \begin{pmatrix}0\\u\end{pmatrix}$$
$$a_{11} = \begin{pmatrix}1\\0\end{pmatrix}$$
$$a_{12} = \begin{pmatrix}1\\u^2\end{pmatrix}$$
$$a_8 = \begin{pmatrix}-u\\-u^3+u\end{pmatrix}$$
$$a_1 = \begin{pmatrix}-u^2+1\\-u^4+2u^2\end{pmatrix}$$
$$a_3 = \begin{pmatrix}-u^7+5u^5-7u^3+u^2+2u-2\\-u^7+5u^5-7u^3+2u\end{pmatrix}$$
$$a_6 = \begin{pmatrix}u\\u\end{pmatrix}$$
$$a_2 = \begin{pmatrix}-u^7+5u^5-u^4-7u^3+3u^2+2u-2\\-u^7+5u^5-u^4-7u^3+2u^2+2u\end{pmatrix}$$
$$a_5 = \begin{pmatrix}-u^{10}+7u^8-u^7-17u^6+5u^5+16u^4-8u^3-4u^2+5u\\-u^{10}+7u^8-u^7-17u^6+4u^5+16u^4-4u^3-4u^2+u\end{pmatrix}$$
$$a_{10} = \begin{pmatrix}-u^9+7u^7-17u^5+17u^3-6u\\u^3-2u-1\end{pmatrix}$$
$$a_4 = \begin{pmatrix}-u^{10}+7u^8-u^7-17u^6+6u^5+16u^4-11u^3-4u^2+6u\\-u^{10}+7u^8-17u^6+16u^4-4u^2\end{pmatrix}$$
$$a_9 = \begin{pmatrix}u^{11}-9u^9+30u^7-45u^5+30u^3-9u-1\\-u-1\end{pmatrix}$$

(ii) Obstruction class $= 1$

(iii) Cusp Shapes $= -u^{11}+6u^9+u^8-10u^7-10u^6-u^5+29u^4+10u^3-27u^2+u-7$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{12} - u^{11} + 3u^{10} + u^8 + 3u^7 - 2u^6 - u^5 - u^4 - 4u^3 - u^2 + 2u + 1$
c_2	$u^{12} + 2u^{11} - u^{10} - 4u^9 - u^8 - u^7 - 2u^6 + 3u^5 + u^4 + 3u^2 - u + 1$
c_3	$u^{12} + 7u^{10} + 19u^8 - u^7 + 25u^6 - 4u^5 + 16u^4 - 5u^3 + 3u^2 - 3u - 1$
c_4	$u^{12} - 2u^{11} - u^{10} + 4u^9 - 3u^8 + 4u^7 - 7u^5 + 4u^4 - 7u^3 + 8u^2 + 3u - 1$
c_5	$u^{12} - 2u^{11} - u^{10} + 4u^9 - u^8 + u^7 - 2u^6 - 3u^5 + u^4 + 3u^2 + u + 1$
c_6, c_7	$u^{12} - u^{11} + \cdots + u - 1$
c_8	$u^{12} + 2u^{11} - u^{10} - 4u^9 - 3u^8 - 4u^7 + 7u^5 + 4u^4 + 7u^3 + 8u^2 - 3u - 1$
c_9	$u^{12} + 3u^{10} - u^9 - 2u^7 - 8u^6 + 7u^5 - 4u^4 + 15u^3 + 4u^2 + u - 3$
c_{10}	$u^{12} + 7u^{10} + 19u^8 + u^7 + 25u^6 + 4u^5 + 16u^4 + 5u^3 + 3u^2 + 3u - 1$
c_{11}, c_{12}	$u^{12} + u^{11} + \cdots - u - 1$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{12} + 5y^{11} + \cdots - 6y + 1$
c_2, c_5	$y^{12} - 6y^{11} + \cdots + 5y + 1$
c_3, c_{10}	$y^{12} + 14y^{11} + \cdots - 15y + 1$
c_4, c_8	$y^{12} - 6y^{11} + \cdots - 25y + 1$
c_6, c_7, c_{11} c_{12}	$y^{12} - 17y^{11} + \cdots + 7y + 1$
c_9	$y^{12} + 6y^{11} + \cdots - 25y + 9$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.686882 + 0.356361I$ $a = -1.57192 - 1.03304I$ $b = 0.08327 - 1.52260I$	$-8.42506 - 1.23513I$	$-14.9695 + 0.5232I$
$u = 0.686882 - 0.356361I$ $a = -1.57192 + 1.03304I$ $b = 0.08327 + 1.52260I$	$-8.42506 + 1.23513I$	$-14.9695 - 0.5232I$
$u = -0.697854$ $a = -1.27667$ $b = 0.236332$	-2.77397	-17.7110
$u = -1.350010 + 0.165727I$ $a = 0.122773 + 0.422338I$ $b = 0.327726 + 0.869804I$	$-1.87314 + 3.35889I$	$-9.63200 - 3.88261I$
$u = -1.350010 - 0.165727I$ $a = 0.122773 - 0.422338I$ $b = 0.327726 - 0.869804I$	$-1.87314 - 3.35889I$	$-9.63200 + 3.88261I$
$u = 1.43456 + 0.19655I$ $a = 0.38745 + 1.66784I$ $b = 0.368130 + 1.103920I$	$-2.74104 - 0.62345I$	$-7.00640 - 0.32990I$
$u = 1.43456 - 0.19655I$ $a = 0.38745 - 1.66784I$ $b = 0.368130 - 1.103920I$	$-2.74104 + 0.62345I$	$-7.00640 + 0.32990I$
$u = -0.076876 + 0.352057I$ $a = -2.49621 + 0.92625I$ $b = -0.378175 + 0.980375I$	$2.45499 - 1.46473I$	$-3.28668 + 1.82890I$
$u = -0.076876 - 0.352057I$ $a = -2.49621 - 0.92625I$ $b = -0.378175 - 0.980375I$	$2.45499 + 1.46473I$	$-3.28668 - 1.82890I$
$u = 1.67252$ $a = 0.219784$ $b = -0.577555$	-11.3408	-16.0060

Solutions to I_2^u	$\sqrt{-1}(\mathrm{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -1.68189 + 0.10991I$ $a = \quad 0.58634 - 1.91439I$ $b = -0.23034 - 1.54467I$	$-16.9020 + 3.1092I$	$-14.7470 - 0.9268I$
$u = -1.68189 - 0.10991I$ $a = \quad 0.58634 + 1.91439I$ $b = -0.23034 + 1.54467I$	$-16.9020 - 3.1092I$	$-14.7470 + 0.9268I$

III. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$(u^{12} - u^{11} + 3u^{10} + u^8 + 3u^7 - 2u^6 - u^5 - u^4 - 4u^3 - u^2 + 2u + 1)$ $\cdot (u^{42} - 2u^{41} + \cdots - 45u - 1)$
c_2	$(u^{12} + 2u^{11} - u^{10} - 4u^9 - u^8 - u^7 - 2u^6 + 3u^5 + u^4 + 3u^2 - u + 1)$ $\cdot (u^{42} + 3u^{41} + \cdots + 3244u + 611)$
c_3	$(u^{12} + 7u^{10} + 19u^8 - u^7 + 25u^6 - 4u^5 + 16u^4 - 5u^3 + 3u^2 - 3u - 1)$ $\cdot (u^{42} + u^{41} + \cdots - 26u + 7)$
c_4	$(u^{12} - 2u^{11} - u^{10} + 4u^9 - 3u^8 + 4u^7 - 7u^5 + 4u^4 - 7u^3 + 8u^2 + 3u - 1)$ $\cdot (u^{42} - 3u^{41} + \cdots + 222u + 79)$
c_5	$(u^{12} - 2u^{11} - u^{10} + 4u^9 - u^8 + u^7 - 2u^6 - 3u^5 + u^4 + 3u^2 + u + 1)$ $\cdot (u^{42} + 3u^{41} + \cdots + 3244u + 611)$
c_6, c_7	$(u^{12} - u^{11} + \cdots + u - 1)(u^{42} - 2u^{41} + \cdots + 46u + 11)$
c_8	$(u^{12} + 2u^{11} - u^{10} - 4u^9 - 3u^8 - 4u^7 + 7u^5 + 4u^4 + 7u^3 + 8u^2 - 3u - 1)$ $\cdot (u^{42} - 3u^{41} + \cdots + 222u + 79)$
c_9	$(u^{12} + 3u^{10} - u^9 - 2u^7 - 8u^6 + 7u^5 - 4u^4 + 15u^3 + 4u^2 + u - 3)$ $\cdot (u^{42} + u^{41} + \cdots - 48u + 1)$
c_{10}	$(u^{12} + 7u^{10} + 19u^8 + u^7 + 25u^6 + 4u^5 + 16u^4 + 5u^3 + 3u^2 + 3u - 1)$ $\cdot (u^{42} + u^{41} + \cdots - 26u + 7)$
c_{11}, c_{12}	$(u^{12} + u^{11} + \cdots - u - 1)(u^{42} - 2u^{41} + \cdots + 46u + 11)$

IV. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$(y^{12}+5y^{11}+\cdots-6y+1)(y^{42}+34y^{41}+\cdots-3015y+1)$
c_2, c_5	$(y^{12}-6y^{11}+\cdots+5y+1)(y^{42}-29y^{41}+\cdots-6104784y+373321)$
c_3, c_{10}	$(y^{12}+14y^{11}+\cdots-15y+1)(y^{42}+43y^{41}+\cdots-1208y+49)$
c_4, c_8	$(y^{12}-6y^{11}+\cdots-25y+1)(y^{42}-37y^{41}+\cdots-146770y+6241)$
c_6, c_7, c_{11} c_{12}	$(y^{12}-17y^{11}+\cdots+7y+1)(y^{42}-52y^{41}+\cdots-2050y+121)$
c_9	$(y^{12}+6y^{11}+\cdots-25y+9)(y^{42}+39y^{41}+\cdots-3522y+1)$