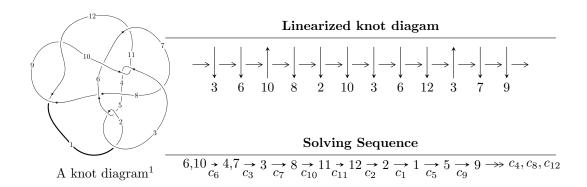
$12n_{0407} (K12n_{0407})$



Ideals for irreducible components² of X_{par}

$$\begin{split} I_1^u &= \langle -7.91368 \times 10^{38} u^{28} + 9.57768 \times 10^{38} u^{27} + \dots + 2.45804 \times 10^{41} b + 3.47957 \times 10^{40}, \\ &\quad 2.07300 \times 10^{41} u^{28} - 1.33160 \times 10^{41} u^{27} + \dots + 3.22003 \times 10^{43} a - 6.95309 \times 10^{43}, \\ &\quad u^{29} - u^{28} + \dots + 138 u - 131 \rangle \\ I_2^u &= \langle 107 u^{10} + 32 u^9 + 296 u^8 - 244 u^7 + 366 u^6 - 671 u^5 + 173 u^4 - 379 u^3 + 801 u^2 + 137 b - 343 u + 11, \\ &\quad - 65 u^{10} - 22 u^9 - 135 u^8 + 202 u^7 - 29 u^6 + 487 u^5 + 78 u^4 + 115 u^3 - 525 u^2 + 137 a + 56 u + 138, \\ &\quad u^{11} + 3 u^9 - 3 u^8 + 5 u^7 - 8 u^6 + 5 u^5 - 6 u^4 + 9 u^3 - 7 u^2 + 3 u - 1 \rangle \end{split}$$

* 2 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 40 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.
$$I_1^u = \langle -7.91 \times 10^{38} u^{28} + 9.58 \times 10^{38} u^{27} + \dots + 2.46 \times 10^{41} b + 3.48 \times 10^{40}, \ 2.07 \times 10^{41} u^{28} - 1.33 \times 10^{41} u^{27} + \dots + 3.22 \times 10^{43} a - 6.95 \times 10^{43}, \ u^{29} - u^{28} + \dots + 138 u - 131 \rangle$$

(i) Arc colorings

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

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

$$a_{4} = \begin{pmatrix} -0.00643783u^{28} + 0.00413537u^{27} + \dots + 0.662423u + 2.15933 \\ 0.00321951u^{28} - 0.00389647u^{27} + \dots - 1.02149u - 0.141559 \end{pmatrix}$$

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

$$a_{3} = \begin{pmatrix} -0.00643783u^{28} + 0.00413537u^{27} + \dots + 0.662423u + 2.15933 \\ 0.000740929u^{28} + 0.00319203u^{27} + \dots - 1.54711u - 0.443182 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} -0.00128485u^{28} + 0.00710786u^{27} + \dots - 1.02644u + 0.742688 \\ 0.00237299u^{28} + 0.00288909u^{27} + \dots + 0.812621u - 0.726496 \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} 0.00280137u^{28} - 0.000100345u^{27} + \dots + 5.91373u - 1.91339 \\ -0.00280112u^{28} + 0.00521011u^{27} + \dots + 0.914236u + 0.185519 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} 0.00302164u^{28} + 0.00557538u^{27} + \dots + 4.99373u - 1.74508 \\ 0.00526331u^{28} - 0.00557686u^{27} + \dots + 0.171748u + 0.166224 \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} -0.00569690u^{28} + 0.00732739u^{27} + \dots - 0.884682u + 1.71614 \\ 0.000740929u^{28} + 0.00319203u^{27} + \dots - 1.54711u - 0.443182 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} 0.00343665u^{28} + 0.00333715u^{27} + \dots - 1.54711u - 0.443182 \\ 0.000428392u^{28} - 0.00831580u^{27} + \dots - 1.31725u + 0.269050 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} -0.00619815u^{28} + 0.00185133u^{27} + \dots + 1.94172u + 1.98378 \\ -0.00478198u^{28} - 0.00236596u^{27} + \dots - 1.38469u + 1.09344 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} -0.00365784u^{28} + 0.00288909u^{27} + \dots + 0.812621u - 0.726496 \end{pmatrix}$$

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = $-0.0105084u^{28} + 0.00112769u^{27} + \cdots + 16.0288u 8.53764$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{29} + 36u^{28} + \dots + 31u + 1$
c_2, c_5	$u^{29} + 4u^{28} + \dots - u + 1$
c_3, c_{10}	$u^{29} - 2u^{28} + \dots + 8u + 1$
c_4	$u^{29} + 3u^{28} + \dots + 365u + 41$
c_6	$u^{29} + u^{28} + \dots + 138u + 131$
c_7	$u^{29} - u^{28} + \dots + 19u + 1$
c_8	$u^{29} - 6u^{28} + \dots - 2946u + 449$
c_{9}, c_{12}	$u^{29} - 3u^{28} + \dots + 4u + 1$
c_{11}	$u^{29} - 2u^{28} + \dots + 814u + 143$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{29} - 76y^{28} + \dots - 661y - 1$
c_2, c_5	$y^{29} - 36y^{28} + \dots + 31y - 1$
c_3,c_{10}	$y^{29} - 34y^{28} + \dots - 44y - 1$
c_4	$y^{29} - 37y^{28} + \dots + 56719y - 1681$
c_6	$y^{29} + 23y^{28} + \dots - 189770y - 17161$
c ₇	$y^{29} + 37y^{28} + \dots + 65y - 1$
c_8	$y^{29} - 28y^{28} + \dots + 5623920y - 201601$
c_9, c_{12}	$y^{29} + 13y^{28} + \dots + 10y - 1$
c_{11}	$y^{29} + 22y^{28} + \dots - 104456y - 20449$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.436375 + 0.850418I		
a = 0.1286560 - 0.0002151I	-9.19094 + 2.43845I	-7.01904 + 1.26700I
b = 1.78815 - 0.23286I		
u = 0.436375 - 0.850418I		
a = 0.1286560 + 0.0002151I	-9.19094 - 2.43845I	-7.01904 - 1.26700I
b = 1.78815 + 0.23286I		
u = 0.078457 + 1.066260I		
a = -1.46433 - 0.41449I	-8.13051 - 4.19111I	-7.68221 + 3.19701I
b = -0.0909103 - 0.0528598I		
u = 0.078457 - 1.066260I		
a = -1.46433 + 0.41449I	-8.13051 + 4.19111I	-7.68221 - 3.19701I
b = -0.0909103 + 0.0528598I		
u = -0.879989 + 0.721780I		
a = 0.260919 + 0.251520I	2.12073 + 2.71911I	0.73382 - 5.26127I
b = 0.184603 + 0.338556I		
u = -0.879989 - 0.721780I		
a = 0.260919 - 0.251520I	2.12073 - 2.71911I	0.73382 + 5.26127I
b = 0.184603 - 0.338556I		
u = 0.790394 + 0.245974I		
a = 0.525024 - 0.126942I	-0.940187 + 0.023179I	-6.45467 + 0.13585I
b = -0.706490 + 0.199595I		
u = 0.790394 - 0.245974I		
a = 0.525024 + 0.126942I	-0.940187 - 0.023179I	-6.45467 - 0.13585I
b = -0.706490 - 0.199595I		
u = -0.943061 + 0.720483I		
a = -0.789406 - 0.515771I	-5.68896 + 1.78021I	-8.58741 - 3.28174I
b = -0.664638 - 0.961832I		
u = -0.943061 - 0.720483I		
a = -0.789406 + 0.515771I	-5.68896 - 1.78021I	-8.58741 + 3.28174I
b = -0.664638 + 0.961832I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.312879 + 1.192260I		
a = -0.476660 - 1.226750I	8.78516 + 1.46029I	-3.70386 - 0.33063I
b = 0.44318 - 1.83008I		
u = -0.312879 - 1.192260I		
a = -0.476660 + 1.226750I	8.78516 - 1.46029I	-3.70386 + 0.33063I
b = 0.44318 + 1.83008I		
u = -0.083431 + 1.234000I		
a = 0.437799 + 0.932870I	3.89818 + 0.55243I	-6.20625 - 0.30214I
b = -0.83465 + 1.40051I		
u = -0.083431 - 1.234000I		
a = 0.437799 - 0.932870I	3.89818 - 0.55243I	-6.20625 + 0.30214I
b = -0.83465 - 1.40051I		
u = 0.711939		
a = 0.565805	-0.970174	-8.63040
b = -0.540254		
u = -0.550508 + 1.211630I		
a = 0.440780 + 1.225810I	5.97141 + 2.47634I	-8.54776 - 2.98261I
b = -0.10690 + 1.85218I		
u = -0.550508 - 1.211630I		
a = 0.440780 - 1.225810I	5.97141 - 2.47634I	-8.54776 + 2.98261I
b = -0.10690 - 1.85218I		
u = -0.612611 + 1.267610I		
a = -0.070611 - 1.272500I	-3.65066 + 4.20226I	-9.01127 - 2.33118I
b = 0.21455 - 1.57150I		
u = -0.612611 - 1.267610I		
a = -0.070611 + 1.272500I	-3.65066 - 4.20226I	-9.01127 + 2.33118I
b = 0.21455 + 1.57150I		
u = -0.106413 + 0.445417I		
a = 2.15539 - 0.01946I	-0.73739 - 1.44881I	-4.73223 + 5.89766I
b = -0.057994 - 0.310123I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.106413 - 0.445417I		
a = 2.15539 + 0.01946I	-0.73739 + 1.44881I	-4.73223 - 5.89766I
b = -0.057994 + 0.310123I		
u = 1.49230 + 0.42245I		
a = -0.772162 + 0.148645I	-4.96797 + 3.17574I	-8.51023 - 2.94389I
b = 0.356443 + 1.010820I		
u = 1.49230 - 0.42245I		
a = -0.772162 - 0.148645I	-4.96797 - 3.17574I	-8.51023 + 2.94389I
b = 0.356443 - 1.010820I		
u = -0.35669 + 1.69215I		
a = 0.107831 + 0.917859I	5.71858 + 1.14552I	-8.18527 - 0.09349I
b = 0.15685 + 1.73182I		
u = -0.35669 - 1.69215I		
a = 0.107831 - 0.917859I	5.71858 - 1.14552I	-8.18527 + 0.09349I
b = 0.15685 - 1.73182I		
u = 0.81408 + 1.59165I		
a = -0.213716 + 0.990636I	-1.05228 - 11.62150I	-7.61445 + 5.40349I
b = 0.46420 + 2.04047I		
u = 0.81408 - 1.59165I		
a = -0.213716 - 0.990636I	-1.05228 + 11.62150I	-7.61445 - 5.40349I
b = 0.46420 - 2.04047I		
u = 0.37800 + 1.85458I		
a = 0.073544 - 0.896135I	6.70498 - 5.94744I	-6.16397 + 5.31814I
b = -0.37627 - 1.91342I		
u = 0.37800 - 1.85458I		
a = 0.073544 + 0.896135I	6.70498 + 5.94744I	-6.16397 - 5.31814I
b = -0.37627 + 1.91342I		

$$\begin{array}{c} \text{II. } I_2^u = \langle 107u^{10} + 32u^9 + \cdots + 137b + 11, \ -65u^{10} - 22u^9 + \cdots + 137a + \\ 138, \ u^{11} + 3u^9 + \cdots + 3u - 1 \rangle \end{array}$$

(i) Arc colorings

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

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

$$a_{4} = \begin{pmatrix} 0.474453u^{10} + 0.160584u^{9} + \cdots - 0.408759u - 1.00730 \\ -0.781022u^{10} - 0.233577u^{9} + \cdots + 2.50365u - 0.0802920 \end{pmatrix}$$

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

$$a_{3} = \begin{pmatrix} 0.474453u^{10} + 0.160584u^{9} + \cdots - 0.408759u - 1.00730 \\ -1.21898u^{10} - 0.766423u^{9} + \cdots + 2.49635u + 0.0802920 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} 1.21898u^{10} + 0.766423u^{9} + \cdots - 2.49635u - 0.0802920 \\ -0.781022u^{10} - 0.233577u^{9} + \cdots + 2.50365u + 0.919708 \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} 1.01460u^{10} - 0.0510949u^{9} + \cdots + 5.76642u - 0.861314 \\ 1.08759u^{10} + 0.306569u^{9} + \cdots - 4.59854u + 1.16788 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} -1.78102u^{10} - 0.233577u^{9} + \cdots + 9.50365u - 2.08029 \\ 0.948905u^{10} + 0.321168u^{9} + \cdots + 4.81752u + 0.985401 \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} -0.744526u^{10} - 0.605839u^{9} + \cdots + 2.49635u + 0.0802920 \\ -1.21898u^{10} - 0.766423u^{9} + \cdots + 2.49635u + 0.0802920 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} -0.693431u^{10} - 0.927007u^{9} + \cdots + 0.715328u + 3.26277 \\ 1.16788u^{10} + 1.08759u^{9} + \cdots + 0.313869u - 2.09489 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} -0.693431u^{10} - 0.927007u^{9} + \cdots - 0.0948905u + 1.08759 \\ 0.474453u^{10} + 0.160584u^{9} + \cdots - 0.408759u - 2.00730 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 2u^{10} + u^{9} + 6u^{8} - 3u^{7} + 7u^{6} - 11u^{5} + 2u^{4} - 7u^{3} + 12u^{2} - 5u - 1 \\ -0.781022u^{10} - 0.233577u^{9} + \cdots + 2.50365u + 0.919708 \end{pmatrix}$$

(ii) Obstruction class = 1

(iii) Cusp Shapes
$$= \frac{387}{137}u^{10} + \frac{190}{137}u^9 + \frac{1278}{137}u^8 - \frac{524}{137}u^7 + \frac{1882}{137}u^6 - \frac{2126}{137}u^5 + \frac{1207}{137}u^4 - \frac{2002}{137}u^3 + \frac{2504}{137}u^2 - \frac{1891}{137}u - \frac{1005}{137}u^4 - \frac{1207}{137}u^4 - \frac{1207}{137}u^3 + \frac{2504}{137}u^2 - \frac{1891}{137}u - \frac{1005}{137}u^4 - \frac{1207}{137}u^4 - \frac{1207}{137}u^3 + \frac{1207}{137}u^3 - \frac{1207}{137}u^4 - \frac{1207}{137}u^3 - \frac{1207}{137}$$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{11} - 13u^{10} + \dots + 52u - 9$
c_2	$u^{11} + 3u^{10} + \dots + 2u - 3$
c_3	$u^{11} + u^{10} - 5u^9 - 5u^8 + 5u^7 + 6u^6 + 4u^5 + u^4 + 3u^3 + 6u^2 - u + 1$
c_4	$u^{11} + 2u^{10} - u^9 + u^8 + 4u^7 - 7u^6 + 6u^5 + 4u^4 - 10u^3 + 12u^2 - 4u + 1$
<i>C</i> ₅	$u^{11} - 3u^{10} + \dots + 2u + 3$
<i>c</i> ₆	$u^{11} + 3u^9 - 3u^8 + 5u^7 - 8u^6 + 5u^5 - 6u^4 + 9u^3 - 7u^2 + 3u - 1$
c_7	$u^{11} + 4u^9 - 2u^8 - 2u^7 - 6u^6 - 19u^5 - 2u^4 + 25u^3 + 23u^2 + 8u + 1$
c ₈	$u^{11} + 5u^{10} + 8u^9 + 5u^8 + 3u^7 - u^5 - u^4 - 11u^3 + 2u^2 + 19u + 11$
c_9	$u^{11} - 2u^{10} + \dots + u + 1$
c_{10}	$u^{11} - u^{10} - 5u^9 + 5u^8 + 5u^7 - 6u^6 + 4u^5 - u^4 + 3u^3 - 6u^2 - u - 1$
c_{11}	$u^{11} + u^{10} + 5u^9 + 4u^8 + 5u^7 + 8u^6 - 3u^5 + 14u^4 + 6u^3 + 2u^2 + 7u + 3$
c_{12}	$u^{11} + 2u^{10} + \dots + u - 1$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{11} - 21y^{10} + \dots - 572y - 81$
c_2, c_5	$y^{11} - 13y^{10} + \dots + 52y - 9$
c_3, c_{10}	$y^{11} - 11y^{10} + \dots - 11y - 1$
c_4	$y^{11} - 6y^{10} + \dots - 8y - 1$
c_6	$y^{11} + 6y^{10} + \dots - 5y - 1$
c_7	$y^{11} + 8y^{10} + \dots + 18y - 1$
<i>c</i> ₈	$y^{11} - 9y^{10} + \dots + 317y - 121$
c_9, c_{12}	$y^{11} + 8y^{10} + \dots + 7y - 1$
c_{11}	$y^{11} + 9y^{10} + \dots + 37y - 9$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.911705		
a = -1.38521	-5.17789	-7.42590
b = -0.393018		
u = -0.773965 + 0.836171I		
a = 0.181088 - 0.296407I	1.53593 + 2.51523I	-12.12476 - 1.29720I
b = -0.517402 + 0.043467I		
u = -0.773965 - 0.836171I		
a = 0.181088 + 0.296407I	1.53593 - 2.51523I	-12.12476 + 1.29720I
b = -0.517402 - 0.043467I		
u = 0.686714 + 0.364294I		
a = 0.919009 + 0.465058I	-1.53391 + 0.85947I	-12.42982 - 2.96274I
b = -0.604594 - 0.175211I		
u = 0.686714 - 0.364294I		
a = 0.919009 - 0.465058I	-1.53391 - 0.85947I	-12.42982 + 2.96274I
b = -0.604594 + 0.175211I		
u = 0.25449 + 1.39655I		
a = 0.057934 - 1.204510I	7.50546 - 0.80130I	-3.83965 + 0.29153I
b = 0.36465 - 1.77060I		
u = 0.25449 - 1.39655I		
a = 0.057934 + 1.204510I	7.50546 + 0.80130I	-3.83965 - 0.29153I
b = 0.36465 + 1.77060I		
u = 0.143684 + 0.483044I		
a = -1.91917 + 0.41809I	-9.90480 + 3.35709I	-12.00843 - 3.32581I
b = 1.362770 + 0.233285I		
u = 0.143684 - 0.483044I		
a = -1.91917 - 0.41809I	-9.90480 - 3.35709I	-12.00843 + 3.32581I
b = 1.362770 - 0.233285I		
u = -0.76677 + 1.46423I		
a = 0.453746 + 0.894119I	8.27614 + 3.20665I	-4.88437 - 3.50404I
b = -0.40891 + 1.90938I		

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.76677 - 1.46423I		
a = 0.453746 - 0.894119I	8.27614 - 3.20665I	-4.88437 + 3.50404I
b = -0.40891 - 1.90938I		

III. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$ (u^{11} - 13u^{10} + \dots + 52u - 9)(u^{29} + 36u^{28} + \dots + 31u + 1) $
c_2	$(u^{11} + 3u^{10} + \dots + 2u - 3)(u^{29} + 4u^{28} + \dots - u + 1)$
c_3	$(u^{11} + u^{10} - 5u^9 - 5u^8 + 5u^7 + 6u^6 + 4u^5 + u^4 + 3u^3 + 6u^2 - u + 1)$ $\cdot (u^{29} - 2u^{28} + \dots + 8u + 1)$
c_4	$(u^{11} + 2u^{10} - u^9 + u^8 + 4u^7 - 7u^6 + 6u^5 + 4u^4 - 10u^3 + 12u^2 - 4u + 1)$ $\cdot (u^{29} + 3u^{28} + \dots + 365u + 41)$
c_5	$ (u^{11} - 3u^{10} + \dots + 2u + 3)(u^{29} + 4u^{28} + \dots - u + 1) $
c ₆	$(u^{11} + 3u^9 - 3u^8 + 5u^7 - 8u^6 + 5u^5 - 6u^4 + 9u^3 - 7u^2 + 3u - 1)$ $\cdot (u^{29} + u^{28} + \dots + 138u + 131)$
<i>c</i> ₇	$(u^{11} + 4u^9 - 2u^8 - 2u^7 - 6u^6 - 19u^5 - 2u^4 + 25u^3 + 23u^2 + 8u + 1)$ $\cdot (u^{29} - u^{28} + \dots + 19u + 1)$
<i>c</i> ₈	$(u^{11} + 5u^{10} + 8u^9 + 5u^8 + 3u^7 - u^5 - u^4 - 11u^3 + 2u^2 + 19u + 11)$ $\cdot (u^{29} - 6u^{28} + \dots - 2946u + 449)$
<i>c</i> ₉	$(u^{11} - 2u^{10} + \dots + u + 1)(u^{29} - 3u^{28} + \dots + 4u + 1)$
c_{10}	$(u^{11} - u^{10} - 5u^9 + 5u^8 + 5u^7 - 6u^6 + 4u^5 - u^4 + 3u^3 - 6u^2 - u - 1)$ $\cdot (u^{29} - 2u^{28} + \dots + 8u + 1)$
c_{11}	$(u^{11} + u^{10} + 5u^9 + 4u^8 + 5u^7 + 8u^6 - 3u^5 + 14u^4 + 6u^3 + 2u^2 + 7u + 3)$ $\cdot (u^{29} - 2u^{28} + \dots + 814u + 143)$
c_{12}	$(u^{11} + 2u^{10} + \dots + u - 1)(u^{29} - 3u^{28} + \dots + 4u + 1)$ 15

IV. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$(y^{11} - 21y^{10} + \dots - 572y - 81)(y^{29} - 76y^{28} + \dots - 661y - 1)$
c_2, c_5	$(y^{11} - 13y^{10} + \dots + 52y - 9)(y^{29} - 36y^{28} + \dots + 31y - 1)$
c_3,c_{10}	$(y^{11} - 11y^{10} + \dots - 11y - 1)(y^{29} - 34y^{28} + \dots - 44y - 1)$
c_4	$(y^{11} - 6y^{10} + \dots - 8y - 1)(y^{29} - 37y^{28} + \dots + 56719y - 1681)$
	$(y^{11} + 6y^{10} + \dots - 5y - 1)(y^{29} + 23y^{28} + \dots - 189770y - 17161)$
	$(y^{11} + 8y^{10} + \dots + 18y - 1)(y^{29} + 37y^{28} + \dots + 65y - 1)$
c ₈	$(y^{11} - 9y^{10} + \dots + 317y - 121)$ $\cdot (y^{29} - 28y^{28} + \dots + 5623920y - 201601)$
c_9, c_{12}	$(y^{11} + 8y^{10} + \dots + 7y - 1)(y^{29} + 13y^{28} + \dots + 10y - 1)$
c_{11}	$(y^{11} + 9y^{10} + \dots + 37y - 9)(y^{29} + 22y^{28} + \dots - 104456y - 20449)$