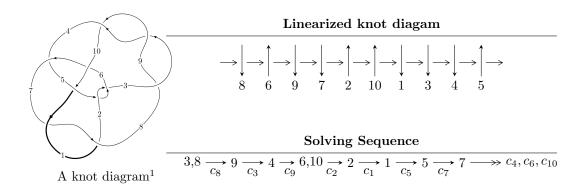
$10_{106} \ (K10a_{95})$



Ideals for irreducible components² of X_{par}

$$\begin{split} I_1^u &= \langle -4.48988 \times 10^{22} u^{38} - 3.35873 \times 10^{21} u^{37} + \dots + 1.23445 \times 10^{23} b - 2.68996 \times 10^{23}, \\ &- 7.60416 \times 10^{23} u^{38} - 5.87608 \times 10^{23} u^{37} + \dots + 1.23445 \times 10^{23} a - 3.17189 \times 10^{24}, \ u^{39} - u^{38} + \dots - 12 u + 1 \\ I_2^u &= \langle u^4 + u^3 - 2 u^2 + b - u + 1, \ u^6 - u^5 - 4 u^4 + 4 u^3 + 3 u^2 + a - 3 u + 1, \ u^7 - 4 u^5 + u^4 + 4 u^3 - 2 u^2 + 1 \rangle \\ I_3^u &= \langle u^3 + b - u, \ a + u, \ u^4 - u^3 - 1 \rangle \\ I_4^u &= \langle b, \ a - 1, \ u + 1 \rangle \end{split}$$

* 4 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 51 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.

$$I. \\ I_1^u = \langle -4.49 \times 10^{22} u^{38} - 3.36 \times 10^{21} u^{37} + \dots + 1.23 \times 10^{23} b - 2.69 \times 10^{23}, \ 7.60 \times 10^{23} u^{38} - 5.88 \times 10^{23} u^{37} + \dots + 1.23 \times 10^{23} a - 3.17 \times 10^{24}, \ u^{39} - u^{38} + \dots - 12u + 1 \rangle$$

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

$$a_{8} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 1 \\ u^{2} \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} -u \\ -u^{3} + u \end{pmatrix}$$

$$a_{6} = \begin{pmatrix} -6.15999u^{38} + 4.76010u^{37} + \dots - 199.096u + 25.6949 \\ 0.363717u^{38} + 0.0272084u^{37} + \dots - 15.2996u + 2.17908 \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} -u^{2} + 1 \\ -u^{4} + 2u^{2} \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} 6.10160u^{38} - 5.05142u^{37} + \dots + 243.206u - 37.0950 \\ -1.08737u^{38} + 0.953945u^{37} + \dots - 39.0834u + 4.92208 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} 5.01423u^{38} - 4.09747u^{37} + \dots + 204.123u - 32.1729 \\ -1.08737u^{38} + 0.953945u^{37} + \dots - 39.0834u + 4.92208 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} 3.85842u^{38} - 3.05742u^{37} + \dots + 127.285u - 20.9953 \\ 0.129593u^{38} + 0.0772817u^{37} + \dots + 127.285u - 20.9953 \\ 0.129593u^{38} + 4.54940u^{37} + \dots - 197.298u + 25.4505 \\ 0.341348u^{38} + 0.0105311u^{37} + \dots - 12.5393u + 1.90327 \end{pmatrix}$$

(ii) Obstruction class = -1

Crossings	u-Polynomials at each crossing
c_{1}, c_{7}	$u^{39} - 5u^{38} + \dots - 30u + 4$
c_2, c_5	$u^{39} - 2u^{38} + \dots - 3u + 1$
c_3, c_8, c_9	$u^{39} - u^{38} + \dots - 12u + 1$
C_4	$u^{39} - 3u^{38} + \dots + 145u - 47$
	$u^{39} - 3u^{38} + \dots - 10u - 19$
c_{10}	$u^{39} + u^{38} + \dots + 6u + 1$

Crossings	Riley Polynomials at each crossing
c_1, c_7	$y^{39} - 27y^{38} + \dots + 44y - 16$
c_2, c_5	$y^{39} - 18y^{38} + \dots + 9y - 1$
c_3, c_8, c_9	$y^{39} - 43y^{38} + \dots + 34y - 1$
c_4	$y^{39} - 11y^{38} + \dots + 39261y - 2209$
	$y^{39} + 9y^{38} + \dots - 4118y - 361$
c_{10}	$y^{39} + y^{38} + \dots + 76y - 1$

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.526234 + 0.893865I		
a = 0.080741 + 1.260370I	-0.67462 + 9.52466I	-2.84539 - 8.01548I
b = 0.77528 - 1.59615I		
u = -0.526234 - 0.893865I		
a = 0.080741 - 1.260370I	-0.67462 - 9.52466I	-2.84539 + 8.01548I
b = 0.77528 + 1.59615I		
u = -0.891332		
a = 0.948472	-1.64188	-6.13450
b = -0.173901		
u = -0.753681 + 0.913845I		
a = -0.775515 - 0.367156I	-1.18856 - 3.53262I	0. + 6.78010I
b = -0.034229 + 1.332130I		
u = -0.753681 - 0.913845I		
a = -0.775515 + 0.367156I	-1.18856 + 3.53262I	0 6.78010I
b = -0.034229 - 1.332130I		
u = 0.449207 + 0.638779I		
a = -0.54432 + 1.40207I	3.29761 - 4.06547I	1.75322 + 6.53958I
b = 0.02023 - 1.45003I		
u = 0.449207 - 0.638779I		
a = -0.54432 - 1.40207I	3.29761 + 4.06547I	1.75322 - 6.53958I
b = 0.02023 + 1.45003I		
u = 0.587174 + 0.474790I		
a = -0.976192 - 0.745918I	-3.42290 - 4.16688I	-6.75958 + 5.97205I
b = -0.028896 - 0.602541I		
u = 0.587174 - 0.474790I		
a = -0.976192 + 0.745918I	-3.42290 + 4.16688I	-6.75958 - 5.97205I
b = -0.028896 + 0.602541I		
u = 0.556467 + 0.391333I		
a = 1.46828 - 1.00646I	2.85501 + 0.22937I	3.06420 + 0.82307I
b = 0.434310 + 0.698478I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.556467 - 0.391333I		
a = 1.46828 + 1.00646I	2.85501 - 0.22937I	3.06420 - 0.82307I
b = 0.434310 - 0.698478I		
u = 1.345600 + 0.177030I		
a = -0.659060 + 0.853206I	-3.63229 - 5.60644I	0
b = -0.77984 - 1.42084I		
u = 1.345600 - 0.177030I		
a = -0.659060 - 0.853206I	-3.63229 + 5.60644I	0
b = -0.77984 + 1.42084I		
u = 1.357030 + 0.066004I		
a = 0.377431 + 0.276144I	-4.94271 - 3.13295I	0
b = 0.13369 - 1.70062I		
u = 1.357030 - 0.066004I		
a = 0.377431 - 0.276144I	-4.94271 + 3.13295I	0
b = 0.13369 + 1.70062I		
u = 1.347220 + 0.243173I		
a = -0.228876 + 0.363453I	-5.00065 - 3.66933I	0
b = -0.82451 - 1.40522I		
u = 1.347220 - 0.243173I		
a = -0.228876 - 0.363453I	-5.00065 + 3.66933I	0
b = -0.82451 + 1.40522I		
u = -1.379580 + 0.070494I		
a = 0.730492 + 0.504077I	-2.64947 + 1.12815I	0
b = 0.243999 - 0.841162I		
u = -1.379580 - 0.070494I		
a = 0.730492 - 0.504077I	-2.64947 - 1.12815I	0
b = 0.243999 + 0.841162I		
u = -0.123207 + 0.595163I		
a = 0.73822 - 1.95025I	0.96132 + 2.87976I	1.76496 - 6.23197I
b = -0.332572 + 1.082270I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.123207 - 0.595163I		
a = 0.73822 + 1.95025I	0.96132 - 2.87976I	1.76496 + 6.23197I
b = -0.332572 - 1.082270I		
u = -1.43879 + 0.06242I		
a = -0.797689 - 0.378346I	-6.97221 + 3.87850I	0
b = -1.78940 + 1.48271I		
u = -1.43879 - 0.06242I		
a = -0.797689 + 0.378346I	-6.97221 - 3.87850I	0
b = -1.78940 - 1.48271I		
u = -0.241634 + 0.442757I		
a = 0.755226 - 0.616591I	-0.205812 + 1.182100I	-2.82912 - 5.35064I
b = -0.040932 + 0.380173I		
u = -0.241634 - 0.442757I		
a = 0.755226 + 0.616591I	-0.205812 - 1.182100I	-2.82912 + 5.35064I
b = -0.040932 - 0.380173I		
u = -1.50425 + 0.21931I		
a = -0.643325 - 0.432545I	-3.11282 + 7.19611I	0
b = -0.52587 + 1.73147I		
u = -1.50425 - 0.21931I		
a = -0.643325 + 0.432545I	-3.11282 - 7.19611I	0
b = -0.52587 - 1.73147I		
u = -1.51467 + 0.17480I		
a = -0.366164 + 0.848258I	-10.26840 + 6.64183I	0
b = 0.067693 - 0.170797I		
u = -1.51467 - 0.17480I		
a = -0.366164 - 0.848258I	-10.26840 - 6.64183I	0
b = 0.067693 + 0.170797I		
u = -1.51667 + 0.36861I		
a = 0.642404 + 0.518029I	-7.37640 + 4.84807I	0
b = 1.68758 - 1.24610I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.51667 - 0.36861I		
a = 0.642404 - 0.518029I	-7.37640 - 4.84807I	0
b = 1.68758 + 1.24610I		
u = 1.54379 + 0.31697I		
a = 0.708936 - 0.642910I	-7.3816 - 13.9330I	0
b = 1.36593 + 1.52871I		
u = 1.54379 - 0.31697I		
a = 0.708936 + 0.642910I	-7.3816 + 13.9330I	0
b = 1.36593 - 1.52871I		
u = 1.63152 + 0.09989I		
a = -0.115695 - 0.351183I	-10.12000 - 0.22050I	0
b = -0.353674 + 0.058988I		
u = 1.63152 - 0.09989I		
a = -0.115695 + 0.351183I	-10.12000 + 0.22050I	0
b = -0.353674 - 0.058988I		
u = 1.64295		
a = 0.177919	-10.0861	0
b = -0.647125		
u = 0.207051 + 0.164027I		
a = -1.65178 + 3.06553I	-1.44889 - 3.00326I	-6.47920 + 9.13782I
b = -0.98385 - 1.41829I		
u = 0.207051 - 0.164027I		
a = -1.65178 - 3.06553I	-1.44889 + 3.00326I	-6.47920 - 9.13782I
b = -0.98385 + 1.41829I		
u = 0.195697		
a = 7.38738	2.69998	9.09120
b = -0.248837		

II.
$$I_2^u = \langle u^4 + u^3 - 2u^2 + b - u + 1, \ u^6 - u^5 - 4u^4 + 4u^3 + 3u^2 + a - 3u + 1, \ u^7 - 4u^5 + u^4 + 4u^3 - 2u^2 + 1 \rangle$$

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

$$a_{8} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 1 \\ u^{2} \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} -u \\ -u^{3} + u \end{pmatrix}$$

$$a_{6} = \begin{pmatrix} -u^{6} + u^{5} + 4u^{4} - 4u^{3} - 3u^{2} + 3u - 1 \\ -u^{4} - u^{3} + 2u^{2} + u - 1 \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} -u^{2} + 1 \\ -u^{4} + 2u^{2} \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} u^{6} - 4u^{4} + 2u^{3} + 4u^{2} - 4u + 1 \\ -u^{2} + 1 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} u^{6} - 4u^{4} + 2u^{3} + 3u^{2} - 4u + 2 \\ -u^{2} + 1 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} u^{6} - u^{5} - 3u^{4} + 4u^{3} - 3u + 2 \\ -u^{4} - u^{3} + 2u^{2} + u \end{pmatrix}$$

$$a_{7} = \begin{pmatrix} -u^{6} + u^{5} + 3u^{4} - 4u^{3} - u^{2} + 3u - 1 \\ -u^{4} + 2u^{2} - 1 \end{pmatrix}$$

- (ii) Obstruction class = 1
- (iii) Cusp Shapes = $-u^6 + 4u^5 + 7u^4 13u^3 4u^2 + 7u 9$

Crossings	u-Polynomials at each crossing
c_1	$u^7 - u^6 - 3u^5 + 2u^4 + 3u^3 - 3u^2 - u + 1$
c_2	$u^7 - u^6 - 3u^5 + 3u^4 + 2u^3 - 3u^2 - u + 1$
<i>c</i> ₃	$u^7 - 4u^5 - u^4 + 4u^3 + 2u^2 - 1$
<i>C</i> ₄	$u^7 - 2u^5 + 4u^4 - u^3 - 3u^2 + 3u - 1$
<i>C</i> ₅	$u^7 + u^6 - 3u^5 - 3u^4 + 2u^3 + 3u^2 - u - 1$
	$u^7 + u^4 - 2u^3 - 1$
	$u^7 + u^6 - 3u^5 - 2u^4 + 3u^3 + 3u^2 - u - 1$
c_{8}, c_{9}	$u^7 - 4u^5 + u^4 + 4u^3 - 2u^2 + 1$
c_{10}	$u^7 + 2u^4 - u^3 - 1$

Crossings	Riley Polynomials at each crossing
c_1, c_7	$y^7 - 7y^6 + 19y^5 - 30y^4 + 29y^3 - 19y^2 + 7y - 1$
c_2, c_5	$y^7 - 7y^6 + 19y^5 - 29y^4 + 30y^3 - 19y^2 + 7y - 1$
c_3,c_8,c_9	$y^7 - 8y^6 + 24y^5 - 33y^4 + 20y^3 - 6y^2 + 4y - 1$
c_4	$y^7 - 4y^6 + 2y^5 - 6y^4 + 13y^3 - 7y^2 + 3y - 1$
c_6	$y^7 - 4y^5 - y^4 + 4y^3 + 2y^2 - 1$
c_{10}	$y^7 - 2y^5 - 4y^4 + y^3 + 4y^2 - 1$

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.25920		
a = 1.35619	-0.400829	2.74790
b = 0.394456		
u = 0.401963 + 0.546430I		
a = 1.019580 - 0.650467I	-1.17508 + 2.13385I	-3.11487 - 0.61129I
b = -0.40274 + 1.44367I		
u = 0.401963 - 0.546430I		
a = 1.019580 + 0.650467I	-1.17508 - 2.13385I	-3.11487 + 0.61129I
b = -0.40274 - 1.44367I		
u = 1.346460 + 0.204423I		
a = -0.556014 + 0.539828I	-4.73997 - 4.82255I	-6.63814 + 6.34253I
b = -1.21748 - 1.74792I		
u = 1.346460 - 0.204423I		
a = -0.556014 - 0.539828I	-4.73997 + 4.82255I	-6.63814 - 6.34253I
b = -1.21748 + 1.74792I		
u = -0.552010		
a = -2.60549	2.28642	-11.4800
b = -0.867226		
u = -1.68564		
a = 0.322173	-9.79470	9.23770
b = -0.286793		

III.
$$I_3^u = \langle u^3 + b - u, \ a + u, \ u^4 - u^3 - 1 \rangle$$

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

$$a_{8} = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 1 \\ u^{2} \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} -u \\ -u^{3} + u \end{pmatrix}$$

$$a_{6} = \begin{pmatrix} -u \\ -u^{3} + u \end{pmatrix}$$

$$a_{10} = \begin{pmatrix} -u^{2} + 1 \\ -u^{3} + 2u^{2} - 1 \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} -u^{3} \\ -1 \end{pmatrix}$$

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

$$a_{5} = \begin{pmatrix} u^{3} + 1 \\ -u^{3} + u^{2} + u \end{pmatrix}$$

$$a_{7} = \begin{pmatrix} -u^{3} \\ -1 \end{pmatrix}$$

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = -6

Crossings	u-Polynomials at each crossing		
c_1, c_7	$(u+1)^4$		
c_2, c_5	$u^4 + u^3 - 2u^2 + 1$		
c_3, c_6, c_8 c_9	$u^4 - u^3 - 1$		
c_4	$u^4 - u^3 - 2u^2 + 1$		
c_{10}	$u^4 + u^2 + 4u + 1$		

Crossings	Riley Polynomials at each crossing
c_1, c_7	$(y-1)^4$
c_2, c_4, c_5	$y^4 - 5y^3 + 6y^2 - 4y + 1$
c_3, c_6, c_8 c_9	$y^4 - y^3 - 2y^2 + 1$
c_{10}	$y^4 + 2y^3 + 3y^2 - 14y + 1$

Solutions to I_3^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.219447 + 0.914474I		
a = -0.219447 - 0.914474I	-1.64493	-6.00000
b = 0.75943 + 1.54710I		
u = 0.219447 - 0.914474I		
a = -0.219447 + 0.914474I	-1.64493	-6.00000
b = 0.75943 - 1.54710I		
u = -0.819173		
a = 0.819173	-1.64493	-6.00000
b = -0.269472		
u = 1.38028		
a = -1.38028	-1.64493	-6.00000
b = -1.24938		

IV.
$$I_4^u = \langle b, \ a-1, \ u+1 \rangle$$

$$a_3 = \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

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

$$a_9 = \begin{pmatrix} 1 \\ 1 \end{pmatrix}$$

$$a_4 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$a_6 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

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

$$a_2 = \begin{pmatrix} 1 \\ -1 \end{pmatrix}$$

$$a_1 = \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

$$a_5 = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$$

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

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = -6

Crossings	u-Polynomials at each crossing
c_1, c_2, c_3 c_5, c_6, c_7 c_8, c_9	u+1
c_4	u-1
c_{10}	u

Crossings	Riley Polynomials at each crossing	
c_1, c_2, c_3 c_4, c_5, c_6 c_7, c_8, c_9	y-1	
c_{10}	y	

Solutions to I_4^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.00000		
a = 1.00000	-1.64493	-6.00000
b = 0		

V. u-Polynomials

Crossings	u-Polynomials at each crossing	
c_1	$(u+1)^{5}(u^{7}-u^{6}-3u^{5}+2u^{4}+3u^{3}-3u^{2}-u+1)$ $\cdot (u^{39}-5u^{38}+\cdots-30u+4)$	
c_2	$ (u+1)(u^4 + u^3 - 2u^2 + 1)(u^7 - u^6 + \dots - u + 1) $ $ \cdot (u^{39} - 2u^{38} + \dots - 3u + 1) $	
c_3	$(u+1)(u^4 - u^3 - 1)(u^7 - 4u^5 - u^4 + 4u^3 + 2u^2 - 1)$ $\cdot (u^{39} - u^{38} + \dots - 12u + 1)$	
c_4	$ (u-1)(u^4 - u^3 - 2u^2 + 1)(u^7 - 2u^5 + 4u^4 - u^3 - 3u^2 + 3u - 1) $ $ \cdot (u^{39} - 3u^{38} + \dots + 145u - 47) $	
c_5	$(u+1)(u^4+u^3-2u^2+1)(u^7+u^6+\cdots-u-1)$ $\cdot (u^{39}-2u^{38}+\cdots-3u+1)$	
c_6	$(u+1)(u^4-u^3-1)(u^7+u^4-2u^3-1)(u^{39}-3u^{38}+\cdots-10u-1)$	9)
c ₇	$(u+1)^{5}(u^{7}+u^{6}-3u^{5}-2u^{4}+3u^{3}+3u^{2}-u-1)$ $\cdot (u^{39}-5u^{38}+\cdots-30u+4)$	
c_8, c_9	$(u+1)(u^4 - u^3 - 1)(u^7 - 4u^5 + u^4 + 4u^3 - 2u^2 + 1)$ $\cdot (u^{39} - u^{38} + \dots - 12u + 1)$	
c_{10}	$u(u^4 + u^2 + 4u + 1)(u^7 + 2u^4 - u^3 - 1)(u^{39} + u^{38} + \dots + 6u + 1)$	

VI. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1, c_7	$(y-1)^{5}(y^{7}-7y^{6}+19y^{5}-30y^{4}+29y^{3}-19y^{2}+7y-1)$ $\cdot (y^{39}-27y^{38}+\cdots+44y-16)$
c_2, c_5	$(y-1)(y^4 - 5y^3 + 6y^2 - 4y + 1)$ $\cdot (y^7 - 7y^6 + 19y^5 - 29y^4 + 30y^3 - 19y^2 + 7y - 1)$ $\cdot (y^{39} - 18y^{38} + \dots + 9y - 1)$
c_3,c_8,c_9	$(y-1)(y^4 - y^3 - 2y^2 + 1)(y^7 - 8y^6 + \dots + 4y - 1)$ $\cdot (y^{39} - 43y^{38} + \dots + 34y - 1)$
c_4	$(y-1)(y^4 - 5y^3 + 6y^2 - 4y + 1)$ $\cdot (y^7 - 4y^6 + 2y^5 - 6y^4 + 13y^3 - 7y^2 + 3y - 1)$ $\cdot (y^{39} - 11y^{38} + \dots + 39261y - 2209)$
c_6	$(y-1)(y^4 - y^3 - 2y^2 + 1)(y^7 - 4y^5 - y^4 + 4y^3 + 2y^2 - 1)$ $\cdot (y^{39} + 9y^{38} + \dots - 4118y - 361)$
c_{10}	$y(y^4 + 2y^3 + 3y^2 - 14y + 1)(y^7 - 2y^5 - 4y^4 + y^3 + 4y^2 - 1)$ $\cdot (y^{39} + y^{38} + \dots + 76y - 1)$