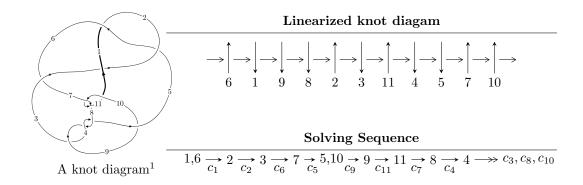
$11a_{87} \ (K11a_{87})$



Ideals for irreducible components² of X_{par}

$$I_1^u = \langle -2.76827 \times 10^{20} u^{65} - 3.94428 \times 10^{20} u^{64} + \dots + 3.38827 \times 10^{20} b - 3.37636 \times 10^{20},$$

$$1.46899 \times 10^{21} u^{65} + 7.18335 \times 10^{20} u^{64} + \dots + 2.03296 \times 10^{21} a - 4.01396 \times 10^{21}, \ u^{66} + 2u^{65} + \dots + 9u + 3$$

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

$$I_3^u = \langle b - 1, \ a + u + 1, \ u^2 + u + 1 \rangle$$

* 3 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.

 $I. \\ I_1^u = \langle -2.77 \times 10^{20} u^{65} - 3.94 \times 10^{20} u^{64} + \dots + 3.39 \times 10^{20} b - 3.38 \times 10^{20}, \ 1.47 \times 10^{21} u^{65} + 7.18 \times 10^{20} u^{64} + \dots + 2.03 \times 10^{21} a - 4.01 \times 10^{21}, \ u^{66} + 2u^{65} + \dots + 9u + 3 \rangle$

(i) Arc colorings

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

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

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

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

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

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

$$a_{10} = \begin{pmatrix} -0.722586u^{65} - 0.353344u^{64} + \dots + 4.62019u + 1.97444 \\ 0.817018u^{65} + 1.16410u^{64} + \dots + 3.14431u + 0.996486 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} -0.240968u^{65} + 0.706381u^{64} + \dots + 8.22401u + 3.27525 \\ 0.769366u^{65} + 0.828277u^{64} + \dots + 1.85375u - 0.0148534 \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} 0.621466u^{65} + 1.92904u^{64} + \dots + 12.3901u + 5.69831 \\ 0.738277u^{65} + 0.691862u^{64} + \dots + 0.186232u - 1.40925 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} 0.00495114u^{65} + 0.779268u^{64} + \dots + 4.72824u + 1.89831 \\ 1.18832u^{65} + 1.94777u^{64} + \dots + 5.44396u + 0.722904 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} 1.01619u^{65} + 2.39037u^{64} + \dots + 8.96868u + 4.74556 \\ 0.357982u^{65} - 0.423891u^{64} + \dots - 4.40018u - 3.04858 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} 1.01619u^{65} + 2.39037u^{64} + \dots + 8.96868u + 4.74556 \\ 0.357982u^{65} - 0.423891u^{64} + \dots - 4.40018u - 3.04858 \end{pmatrix}$$

(ii) Obstruction class = -1

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1,c_5	$u^{66} - 2u^{65} + \dots - 9u + 3$
c_2	$u^{66} + 32u^{65} + \dots + 33u + 9$
c_3, c_4, c_8	$u^{66} + u^{65} + \dots + 16u + 4$
<i>c</i> ₆	$u^{66} + 2u^{65} + \dots + 9195u + 2391$
c_7, c_{10}	$u^{66} - 3u^{65} + \dots - 16u + 3$
c_9	$u^{66} - u^{65} + \dots - 64u + 548$
c_{11}	$u^{66} - 33u^{65} + \dots - 4u + 9$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1, c_5	$y^{66} + 32y^{65} + \dots + 33y + 9$
c_2	$y^{66} + 8y^{65} + \dots + 873y + 81$
c_3, c_4, c_8	$y^{66} + 61y^{65} + \dots - 128y + 16$
<i>c</i> ₆	$y^{66} - 16y^{65} + \dots - 60107223y + 5716881$
c_7, c_{10}	$y^{66} - 33y^{65} + \dots - 4y + 9$
c_9	$y^{66} + y^{65} + \dots - 1284224y + 300304$
c_{11}	$y^{66} + 7y^{65} + \dots - 2176y + 81$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.755953 + 0.642253I		
a = -1.50344 - 0.99906I	7.19005 + 6.79978I	5.09513 - 6.93835I
b = 0.91082 + 1.08246I		
u = 0.755953 - 0.642253I		
a = -1.50344 + 0.99906I	7.19005 - 6.79978I	5.09513 + 6.93835I
b = 0.91082 - 1.08246I		
u = 0.381443 + 0.962354I		
a = 1.84405 - 1.05401I	5.19371 + 1.45398I	0
b = 0.434581 - 0.385324I		
u = 0.381443 - 0.962354I		
a = 1.84405 + 1.05401I	5.19371 - 1.45398I	0
b = 0.434581 + 0.385324I		
u = -0.673098 + 0.678865I		
a = -1.193220 + 0.537398I	1.97562 - 3.83931I	0.43158 + 7.99484I
b = 0.813918 - 0.796640I		
u = -0.673098 - 0.678865I		
a = -1.193220 - 0.537398I	1.97562 + 3.83931I	0.43158 - 7.99484I
b = 0.813918 + 0.796640I		
u = 0.638302 + 0.703727I		
a = 1.149350 + 0.463060I	4.99477 + 2.60395I	2.08066 - 2.86296I
b = -0.200847 - 0.267724I		
u = 0.638302 - 0.703727I		
a = 1.149350 - 0.463060I	4.99477 - 2.60395I	2.08066 + 2.86296I
b = -0.200847 + 0.267724I		
u = -0.316058 + 1.015530I		
a = -0.80720 - 1.18230I	4.37513 - 0.91344I	0
b = 1.59297 - 0.23810I		
u = -0.316058 - 1.015530I		
a = -0.80720 + 1.18230I	4.37513 + 0.91344I	0
b = 1.59297 + 0.23810I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.629972 + 0.864578I		
a = 0.282045 - 0.437369I	4.56888 + 2.29703I	0
b = 0.105832 + 0.332549I		
u = 0.629972 - 0.864578I		
a = 0.282045 + 0.437369I	4.56888 - 2.29703I	0
b = 0.105832 - 0.332549I		
u = -0.827182 + 0.359098I		
a = -1.48252 - 1.13505I	5.59217 + 9.84151I	4.35993 - 5.90567I
b = 1.00026 + 1.36192I		
u = -0.827182 - 0.359098I		
a = -1.48252 + 1.13505I	5.59217 - 9.84151I	4.35993 + 5.90567I
b = 1.00026 - 1.36192I		
u = -0.615669 + 0.911613I		
a = 0.149118 - 1.152950I	1.29731 - 1.14051I	0
b = 0.719356 + 0.533955I		
u = -0.615669 - 0.911613I		
a = 0.149118 + 1.152950I	1.29731 + 1.14051I	0
b = 0.719356 - 0.533955I		
u = 0.484610 + 1.022030I		
a = -0.59263 + 1.37966I	1.07785 + 3.02843I	0
b = 1.48883 - 0.30554I		
u = 0.484610 - 1.022030I		
a = -0.59263 - 1.37966I	1.07785 - 3.02843I	0
b = 1.48883 + 0.30554I		
u = 0.789237 + 0.311182I		
a = -1.14249 + 0.91939I	0.08192 - 6.09483I	0.06758 + 5.72110I
b = 0.83658 - 1.26862I		
u = 0.789237 - 0.311182I		
a = -1.14249 - 0.91939I	0.08192 + 6.09483I	0.06758 - 5.72110I
b = 0.83658 + 1.26862I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.772578 + 0.300651I		
a = 1.43595 + 0.47376I	3.05327 + 4.56939I	1.49874 - 2.48258I
b = -0.606077 - 0.508848I		
u = -0.772578 - 0.300651I		
a = 1.43595 - 0.47376I	3.05327 - 4.56939I	1.49874 + 2.48258I
b = -0.606077 + 0.508848I		
u = -0.327983 + 1.126830I		
a = 0.973843 + 0.583016I	-2.37023 - 1.02641I	0
b = 0.256425 + 1.074870I		
u = -0.327983 - 1.126830I		
a = 0.973843 - 0.583016I	-2.37023 + 1.02641I	0
b = 0.256425 - 1.074870I		
u = 0.666510 + 0.972232I		
a = 0.23112 + 1.62158I	6.21106 - 1.42535I	0
b = 0.834491 - 0.957996I		
u = 0.666510 - 0.972232I		
a = 0.23112 - 1.62158I	6.21106 + 1.42535I	0
b = 0.834491 + 0.957996I		
u = -0.254618 + 1.152190I		
a = 0.308382 - 0.112718I	-1.45645 + 1.57837I	0
b = -0.492338 - 0.741909I		
u = -0.254618 - 1.152190I		
a = 0.308382 + 0.112718I	-1.45645 - 1.57837I	0
b = -0.492338 + 0.741909I		
u = 0.530812 + 1.055770I		
a = -1.34138 + 2.03995I	6.42459 + 4.74081I	0
b = 0.816422 + 0.889494I		
u = 0.530812 - 1.055770I		
a = -1.34138 - 2.03995I	6.42459 - 4.74081I	0
b = 0.816422 - 0.889494I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.241965 + 1.161020I		
a = 0.593783 - 0.497940I	-4.56064 - 3.10867I	0
b = 0.56461 - 1.30292I		
u = 0.241965 - 1.161020I		
a = 0.593783 + 0.497940I	-4.56064 + 3.10867I	0
b = 0.56461 + 1.30292I		
u = -0.179712 + 1.178530I		
a = 0.312033 + 0.454932I	0.48993 + 7.02185I	0
b = 0.80836 + 1.39012I		
u = -0.179712 - 1.178530I		
a = 0.312033 - 0.454932I	0.48993 - 7.02185I	0
b = 0.80836 - 1.39012I		
u = 0.337552 + 1.150340I		
a = 0.029903 + 0.280018I	-5.71596 + 2.27676I	0
b = -0.229833 + 0.947989I		
u = 0.337552 - 1.150340I		
a = 0.029903 - 0.280018I	-5.71596 - 2.27676I	0
b = -0.229833 - 0.947989I		
u = -0.441361 + 1.120500I		
a = 1.302260 + 0.531091I	-2.36959 - 1.62048I	0
b = -0.196410 + 0.826154I		
u = -0.441361 - 1.120500I		
a = 1.302260 - 0.531091I	-2.36959 + 1.62048I	0
b = -0.196410 - 0.826154I		
u = -0.539438 + 1.080200I		
a = -0.58267 - 1.65912I	5.95344 - 5.84050I	0
b = 1.64758 + 0.62868I		
u = -0.539438 - 1.080200I		
a = -0.58267 + 1.65912I	5.95344 + 5.84050I	0
b = 1.64758 - 0.62868I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.416062 + 1.153030I		
a = -0.417211 - 0.486945I	-2.51166 - 6.30368I	0
b = 0.078553 - 1.146340I		
u = -0.416062 - 1.153030I		
a = -0.417211 + 0.486945I	-2.51166 + 6.30368I	0
b = 0.078553 + 1.146340I		
u = -0.529988 + 1.122110I		
a = -1.43472 - 1.07430I	-0.97780 - 6.67256I	0
b = 0.70216 - 1.23357I		
u = -0.529988 - 1.122110I		
a = -1.43472 + 1.07430I	-0.97780 + 6.67256I	0
b = 0.70216 + 1.23357I		
u = 0.515018 + 1.137380I		
a = 1.42983 - 0.56620I	-4.51086 + 5.70416I	0
b = -0.550564 - 0.698729I		
u = 0.515018 - 1.137380I		
a = 1.42983 + 0.56620I	-4.51086 - 5.70416I	0
b = -0.550564 + 0.698729I		
u = 0.595919 + 0.445110I		
a = -1.71034 - 0.58122I	8.21032 - 0.24162I	6.87319 + 1.62100I
b = 1.032560 - 0.749088I		
u = 0.595919 - 0.445110I		
a = -1.71034 + 0.58122I	8.21032 + 0.24162I	6.87319 - 1.62100I
b = 1.032560 + 0.749088I		
u = -0.634539 + 0.386396I		
a = -2.62691 + 0.09834I	7.96080 + 1.22074I	6.79923 - 0.85488I
b = 1.45210 - 0.62541I		
u = -0.634539 - 0.386396I		
a = -2.62691 - 0.09834I	7.96080 - 1.22074I	6.79923 + 0.85488I
b = 1.45210 + 0.62541I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.495446 + 0.549605I		
a = -1.81945 + 0.43460I	2.51441 + 1.02533I	3.07736 + 2.06010I
b = 1.158230 + 0.508717I		
u = 0.495446 - 0.549605I		
a = -1.81945 - 0.43460I	2.51441 - 1.02533I	3.07736 - 2.06010I
b = 1.158230 - 0.508717I		
u = -0.279936 + 0.676376I		
a = 0.982603 - 0.117408I	-0.280767 - 1.133580I	-3.39541 + 6.11783I
b = -0.148031 - 0.060354I		
u = -0.279936 - 0.676376I		
a = 0.982603 + 0.117408I	-0.280767 + 1.133580I	-3.39541 - 6.11783I
b = -0.148031 + 0.060354I		
u = -0.560271 + 1.138380I		
a = 1.48877 + 0.66169I	0.59224 - 9.57146I	0
b = -0.742454 + 0.556217I		
u = -0.560271 - 1.138380I		
a = 1.48877 - 0.66169I	0.59224 + 9.57146I	0
b = -0.742454 - 0.556217I		
u = 0.702291 + 0.195645I		
a = 1.088270 - 0.495569I	-1.84194 - 1.10470I	-3.59487 + 1.11336I
b = -0.323516 + 0.616413I		
u = 0.702291 - 0.195645I		
a = 1.088270 + 0.495569I	-1.84194 + 1.10470I	-3.59487 - 1.11336I
b = -0.323516 - 0.616413I		
u = -0.673885 + 0.269171I		
a = -0.765242 - 0.266085I	1.45545 + 2.02266I	2.54801 - 0.95165I
b = 0.709105 + 0.972863I		
u = -0.673885 - 0.269171I		
a = -0.765242 + 0.266085I	1.45545 - 2.02266I	2.54801 + 0.95165I
b = 0.709105 - 0.972863I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.568245 + 1.141590I		
a = -1.88642 + 0.84516I	-2.37082 + 11.17440I	0
b = 0.87554 + 1.41049I		
u = 0.568245 - 1.141590I		
a = -1.88642 - 0.84516I	-2.37082 - 11.17440I	0
b = 0.87554 - 1.41049I		
u = -0.596220 + 1.140020I		
a = -2.20616 - 0.82618I	3.2588 - 15.1381I	0
b = 1.03862 - 1.45053I		
u = -0.596220 - 1.140020I		
a = -2.20616 + 0.82618I	3.2588 + 15.1381I	0
b = 1.03862 + 1.45053I		
u = -0.694677 + 0.021213I		
a = 0.410694 - 0.577612I	0.77779 + 2.28714I	0.68771 - 3.78757I
b = 0.112167 + 0.890796I		
u = -0.694677 - 0.021213I		
a = 0.410694 + 0.577612I	0.77779 - 2.28714I	0.68771 + 3.78757I
b = 0.112167 - 0.890796I		

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

(i) Arc colorings

The Arc colorings
$$a_1 = \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

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

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

$$a_3 = \begin{pmatrix} u \\ -u+1 \end{pmatrix}$$

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

$$a_5 = \begin{pmatrix} -u \\ u-1 \end{pmatrix}$$

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

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

$$a_{11} = \begin{pmatrix} a+1 \\ 1 \end{pmatrix}$$

$$a_8 = \begin{pmatrix} -a \\ -1 \end{pmatrix}$$

$$a_4 = \begin{pmatrix} -au+u-1 \\ au-a+2u-1 \end{pmatrix}$$

$$a_4 = \begin{pmatrix} -au+u-1 \\ au-a+2u-1 \end{pmatrix}$$

- (ii) Obstruction class = 1
- (iii) Cusp Shapes = -4u + 8

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1, c_6	$(u^2 - u + 1)^2$
c_2, c_5	$(u^2+u+1)^2$
c_3, c_4, c_8 c_9	$(u^2+2)^2$
c_7,c_{11}	$(u-1)^4$
c_{10}	$(u+1)^4$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
$c_1, c_2, c_5 \\ c_6$	$(y^2+y+1)^2$
c_3, c_4, c_8 c_9	$(y+2)^4$
c_7, c_{10}, c_{11}	$(y-1)^4$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_2^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.500000 + 0.866025I		
a = 0.724745 + 0.158919I	6.57974 + 2.02988I	6.00000 - 3.46410I
b = 1.00000		
u = 0.500000 + 0.866025I		
a = -1.72474 + 1.57313I	6.57974 + 2.02988I	6.00000 - 3.46410I
b = 1.00000		
u = 0.500000 - 0.866025I		
a = 0.724745 - 0.158919I	6.57974 - 2.02988I	6.00000 + 3.46410I
b = 1.00000		
u = 0.500000 - 0.866025I		
a = -1.72474 - 1.57313I	6.57974 - 2.02988I	6.00000 + 3.46410I
b = 1.00000		

III.
$$I_3^u = \langle b-1, \ a+u+1, \ u^2+u+1 \rangle$$

(i) Arc colorings

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

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

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

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

$$a_{7} = \begin{pmatrix} -1 \\ 0 \end{pmatrix}$$

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

$$a_{10} = \begin{pmatrix} -u -1 \\ 1 \end{pmatrix}$$

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

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

$$a_{8} = \begin{pmatrix} -u -1 \\ 1 \end{pmatrix}$$

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

- (ii) Obstruction class = 1
- (iii) Cusp Shapes = 4u + 2

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1, c_2, c_6	$u^2 + u + 1$
c_3, c_4, c_8 c_9	u^2
<i>C</i> 5	$u^2 - u + 1$
c_7	$(u+1)^2$
c_{10}, c_{11}	$(u-1)^2$

(v) Riley Polynomials at the component

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

(vi) Complex Volumes and Cusp Shapes

Solutions to I_3^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.500000 + 0.866025I		
a = -0.500000 - 0.866025I	1.64493 - 2.02988I	0. + 3.46410I
b = 1.00000		
u = -0.500000 - 0.866025I		
a = -0.500000 + 0.866025I	1.64493 + 2.02988I	0 3.46410I
b = 1.00000		

IV. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$((u^2 - u + 1)^2)(u^2 + u + 1)(u^{66} - 2u^{65} + \dots - 9u + 3)$
c_2	$((u^2 + u + 1)^3)(u^{66} + 32u^{65} + \dots + 33u + 9)$
c_3, c_4, c_8	$u^{2}(u^{2}+2)^{2}(u^{66}+u^{65}+\cdots+16u+4)$
c_5	$ (u^2 - u + 1)(u^2 + u + 1)^2(u^{66} - 2u^{65} + \dots - 9u + 3) $
c_6	$((u^2 - u + 1)^2)(u^2 + u + 1)(u^{66} + 2u^{65} + \dots + 9195u + 2391)$
c_7	$((u-1)^4)(u+1)^2(u^{66}-3u^{65}+\cdots-16u+3)$
c_9	$u^{2}(u^{2}+2)^{2}(u^{66}-u^{65}+\cdots-64u+548)$
c_{10}	$((u-1)^2)(u+1)^4(u^{66}-3u^{65}+\cdots-16u+3)$
c_{11}	$((u-1)^6)(u^{66} - 33u^{65} + \dots - 4u + 9)$

V. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1,c_5	$((y^2 + y + 1)^3)(y^{66} + 32y^{65} + \dots + 33y + 9)$
c_2	$((y^2+y+1)^3)(y^{66}+8y^{65}+\cdots+873y+81)$
c_3, c_4, c_8	$y^{2}(y+2)^{4}(y^{66}+61y^{65}+\cdots-128y+16)$
c_6	$((y^2 + y + 1)^3)(y^{66} - 16y^{65} + \dots - 6.01072 \times 10^7 y + 5716881)$
c_7, c_{10}	$((y-1)^6)(y^{66} - 33y^{65} + \dots - 4y + 9)$
<i>c</i> 9	$y^{2}(y+2)^{4}(y^{66}+y^{65}+\cdots-1284224y+300304)$
c_{11}	$((y-1)^6)(y^{66} + 7y^{65} + \dots - 2176y + 81)$