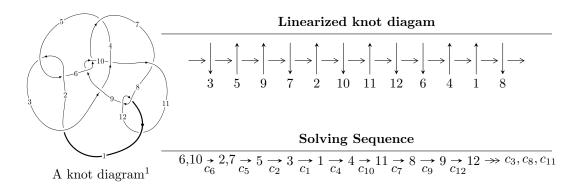
$12a_{0184} \ (K12a_{0184})$



Ideals for irreducible components² of X_{par}

$$\begin{split} I_1^u &= \langle 1.32502 \times 10^{415} u^{119} + 2.54170 \times 10^{414} u^{118} + \dots + 4.01044 \times 10^{414} b + 1.64747 \times 10^{415}, \\ &- 2.94399 \times 10^{415} u^{119} + 8.35823 \times 10^{413} u^{118} + \dots + 4.01044 \times 10^{414} a - 4.49947 \times 10^{415}, \\ &u^{120} + u^{119} + \dots + 10 u^3 + 1 \rangle \end{split}$$

* 1 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 120 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.
$$I_1^u = \langle 1.33 \times 10^{415} u^{119} + 2.54 \times 10^{414} u^{118} + \dots + 4.01 \times 10^{414} b + 1.65 \times 10^{415}, \ -2.94 \times 10^{415} u^{119} + 8.36 \times 10^{413} u^{118} + \dots + 4.01 \times 10^{414} a - 4.50 \times 10^{415}, \ u^{120} + u^{119} + \dots + 10 u^3 + 1 \rangle$$

(i) Arc colorings

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

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

$$a_{2} = \begin{pmatrix} 7.34081u^{119} - 0.208412u^{118} + \dots - 10.6447u + 11.2194 \\ -3.30393u^{119} - 0.633771u^{118} + \dots + 6.62963u - 4.10796 \end{pmatrix}$$

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

$$a_{5} = \begin{pmatrix} 4.01710u^{119} + 0.119879u^{118} + \dots - 3.90539u + 6.04797 \\ -3.21398u^{119} - 0.625442u^{118} + \dots + 6.57033u - 4.99074 \end{pmatrix}$$

$$a_{3} = \begin{pmatrix} 1.45823u^{119} - 0.337341u^{118} + \dots + 1.35147u + 1.99223 \\ -3.87235u^{119} - 0.835695u^{118} + \dots + 7.67638u - 6.04582 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} -0.465417u^{119} - 0.193298u^{118} + \dots + 0.190894u - 1.89568 \\ -1.79434u^{119} - 0.567792u^{118} + \dots + 3.10178u - 2.81939 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} -2.41952u^{119} - 0.429440u^{118} + \dots + 6.68204u - 2.83999 \\ -7.75010u^{119} - 0.927794u^{118} + \dots + 13.0070u - 10.8780 \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} 2.81939u^{119} + 1.02505u^{118} + \dots - 7.07901u + 3.10178 \\ 0.272120u^{119} + 0.227342u^{118} + \dots - 1.89568u + 0.465417 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} -0.449390u^{119} - 0.0914268u^{118} + \dots + 0.730282u + 0.133441 \\ 0.589239u^{119} - 0.181546u^{118} + \dots - 0.203075u + 0.449511 \end{pmatrix}$$

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

$$a_{12} = \begin{pmatrix} 1.84197u^{119} + 0.631727u^{118} + \dots - 6.73022u + 2.27079 \\ 1.07750u^{119} + 0.405949u^{118} + \dots - 2.93100u + 1.45822 \end{pmatrix}$$

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = $64.8920u^{119} + 14.0763u^{118} + \cdots 80.1155u + 70.0515$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{120} + 49u^{119} + \dots + 140u + 1$
c_2, c_5	$u^{120} + u^{119} + \dots + 20u + 1$
c_3	$u^{120} - 15u^{119} + \dots - 620400u + 166375$
C_4	$u^{120} + 5u^{119} + \dots - 14u + 1$
c_{6}, c_{9}	$u^{120} + u^{119} + \dots + 10u^3 + 1$
c_7	$u^{120} - 5u^{119} + \dots - 1412636u + 186749$
c_8,c_{12}	$u^{120} + 5u^{119} + \dots + 2u + 1$
c_{10}	$u^{120} - 3u^{119} + \dots - 4u + 1$
c_{11}	$u^{120} - 61u^{119} + \dots - 10u^2 + 1$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{120} + 45y^{119} + \dots + 3100y + 1$
c_2,c_5	$y^{120} + 49y^{119} + \dots + 140y + 1$
<i>c</i> ₃	$y^{120} - 71y^{119} + \dots - 1592489167500y + 27680640625$
c_4	$y^{120} - 87y^{119} + \dots + 408y + 1$
c_{6}, c_{9}	$y^{120} - 75y^{119} + \dots - 50y^2 + 1$
<i>C</i> ₇	$y^{120} - 67y^{119} + \dots + 1230496216784y + 34875189001$
c_8, c_{12}	$y^{120} + 61y^{119} + \dots - 10y^2 + 1$
c_{10}	$y^{120} + 5y^{119} + \dots - 12y + 1$
c_{11}	$y^{120} - 3y^{119} + \dots - 20y + 1$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.968815 + 0.263847I		
a = 0.659879 - 0.199928I	-1.74268 + 0.44680I	0
b = -0.149910 + 0.142046I		
u = -0.968815 - 0.263847I		
a = 0.659879 + 0.199928I	-1.74268 - 0.44680I	0
b = -0.149910 - 0.142046I		
u = -0.152224 + 0.999564I		
a = 0.628170 - 0.349032I	6.48172 - 7.85840I	0
b = -0.820693 - 0.566702I		
u = -0.152224 - 0.999564I		
a = 0.628170 + 0.349032I	6.48172 + 7.85840I	0
b = -0.820693 + 0.566702I		
u = 0.181228 + 1.000380I		
a = 0.665778 + 0.361828I	3.53949 + 2.81676I	0
b = -0.759835 + 0.576211I		
u = 0.181228 - 1.000380I		
a = 0.665778 - 0.361828I	3.53949 - 2.81676I	0
b = -0.759835 - 0.576211I		
u = -1.016110 + 0.075877I		
a = -3.59461 + 4.97979I	-1.72705 + 2.19327I	0
b = 0.494087 + 0.893840I		
u = -1.016110 - 0.075877I		
a = -3.59461 - 4.97979I	-1.72705 - 2.19327I	0
b = 0.494087 - 0.893840I		
u = 0.977597 + 0.050115I		
a = 6.80136 - 6.65825I	0.77684 + 5.69004I	0
b = 0.489268 + 0.873093I		
u = 0.977597 - 0.050115I		
a = 6.80136 + 6.65825I	0.77684 - 5.69004I	0
b = 0.489268 - 0.873093I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.980721 + 0.305889I		
a = -0.42680 + 1.97842I	2.37109 + 2.10139I	0
b = 0.75112 + 1.20479I		
u = -0.980721 - 0.305889I		
a = -0.42680 - 1.97842I	2.37109 - 2.10139I	0
b = 0.75112 - 1.20479I		
u = 1.044770 + 0.006086I		
a = 5.54806 - 10.76860I	0.83334 + 1.67383I	0
b = 0.496806 - 0.855658I		
u = 1.044770 - 0.006086I		
a = 5.54806 + 10.76860I	0.83334 - 1.67383I	0
b = 0.496806 + 0.855658I		
u = 1.013380 + 0.295401I		
a = -0.49253 - 2.11186I	-1.08521 - 5.57366I	0
b = 0.655672 - 1.233140I		
u = 1.013380 - 0.295401I		
a = -0.49253 + 2.11186I	-1.08521 + 5.57366I	0
b = 0.655672 + 1.233140I		
u = -1.014450 + 0.317491I		
a = -0.41222 + 2.12361I	1.66407 + 9.98438I	0
b = 0.68609 + 1.29203I		
u = -1.014450 - 0.317491I		
a = -0.41222 - 2.12361I	1.66407 - 9.98438I	0
b = 0.68609 - 1.29203I		
u = -0.176232 + 1.050990I		
a = 0.648720 - 0.420445I	7.99705 + 1.01152I	0
b = -0.764447 - 0.669522I		
u = -0.176232 - 1.050990I		
a = 0.648720 + 0.420445I	7.99705 - 1.01152I	0
b = -0.764447 + 0.669522I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.896937 + 0.239839I		
a = -0.62717 - 1.30306I	0.25450 - 4.06184I	0
b = 0.763001 - 0.935297I		
u = 0.896937 - 0.239839I		
a = -0.62717 + 1.30306I	0.25450 + 4.06184I	0
b = 0.763001 + 0.935297I		
u = 1.071210 + 0.256791I		
a = -0.52867 - 2.35753I	-2.65812 - 5.38003I	0
b = 0.475064 - 1.197000I		
u = 1.071210 - 0.256791I		
a = -0.52867 + 2.35753I	-2.65812 + 5.38003I	0
b = 0.475064 + 1.197000I		
u = 1.103570 + 0.099322I		
a = 1.087890 + 0.408883I	0.75407 + 3.78087I	0
b = -0.0420115 + 0.0939793I		
u = 1.103570 - 0.099322I		
a = 1.087890 - 0.408883I	0.75407 - 3.78087I	0
b = -0.0420115 - 0.0939793I		
u = -1.112620 + 0.156874I		
a = -0.25760 + 3.02412I	-2.52969 + 2.07522I	0
b = 0.361930 + 0.997640I		
u = -1.112620 - 0.156874I		
a = -0.25760 - 3.02412I	-2.52969 - 2.07522I	0
b = 0.361930 - 0.997640I		
u = -0.809728 + 0.313104I		
a = 0.160608 + 1.160160I	4.44661 + 7.34329I	0
b = 1.020180 + 0.770560I		
u = -0.809728 - 0.313104I		
a = 0.160608 - 1.160160I	4.44661 - 7.34329I	0
b = 1.020180 - 0.770560I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.038039 + 1.134720I		
a = 0.606548 + 0.585687I	4.9888 - 13.4302I	0
b = -0.667570 + 1.059470I		
u = -0.038039 - 1.134720I		
a = 0.606548 - 0.585687I	4.9888 + 13.4302I	0
b = -0.667570 - 1.059470I		
u = -0.860453 + 0.039621I		
a = 0.54434 + 2.52969I	-1.45171 - 1.78880I	0
b = 0.469210 - 0.808965I		
u = -0.860453 - 0.039621I		
a = 0.54434 - 2.52969I	-1.45171 + 1.78880I	0
b = 0.469210 + 0.808965I		
u = 0.785804 + 0.319574I		
a = 1.80582 - 0.19070I	-0.06237 - 2.97353I	0
b = 0.188827 + 0.780626I		
u = 0.785804 - 0.319574I		
a = 1.80582 + 0.19070I	-0.06237 + 2.97353I	0
b = 0.188827 - 0.780626I		
u = 0.796985 + 0.285519I		
a = 0.100275 - 0.981468I	1.45532 - 3.16041I	0
b = 0.939637 - 0.720732I		
u = 0.796985 - 0.285519I		
a = 0.100275 + 0.981468I	1.45532 + 3.16041I	0
b = 0.939637 + 0.720732I		
u = 0.046348 + 1.158610I		
a = 0.610448 - 0.581415I	2.16104 + 8.14604I	0
b = -0.643815 - 1.035610I		
u = 0.046348 - 1.158610I		
a = 0.610448 + 0.581415I	2.16104 - 8.14604I	0
b = -0.643815 + 1.035610I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.770155 + 0.309408I		
a = 0.316848 + 0.982259I	4.70810 - 0.68888I	0
b = 1.019390 + 0.638770I		
u = -0.770155 - 0.309408I		
a = 0.316848 - 0.982259I	4.70810 + 0.68888I	0
b = 1.019390 - 0.638770I		
u = 0.001482 + 1.178390I		
a = 0.608990 + 0.571667I	7.04852 - 4.43074I	0
b = -0.673629 + 0.982643I		
u = 0.001482 - 1.178390I		
a = 0.608990 - 0.571667I	7.04852 + 4.43074I	0
b = -0.673629 - 0.982643I		
u = -0.778967 + 0.189468I		
a = 1.63573 + 0.80594I	-1.66369 - 1.05593I	0
b = 0.333011 - 0.762303I		
u = -0.778967 - 0.189468I		
a = 1.63573 - 0.80594I	-1.66369 + 1.05593I	0
b = 0.333011 + 0.762303I		
u = -0.610777 + 1.061180I		
a = 0.524096 + 0.458653I	-2.45608 + 0.11705I	0
b = -0.370822 + 0.886828I		
u = -0.610777 - 1.061180I		
a = 0.524096 - 0.458653I	-2.45608 - 0.11705I	0
b = -0.370822 - 0.886828I		
u = -1.209000 + 0.281705I		
a = -0.22654 + 2.18315I	-2.30249 + 2.61766I	0
b = 0.113592 + 1.264190I		
u = -1.209000 - 0.281705I		
a = -0.22654 - 2.18315I	-2.30249 - 2.61766I	0
b = 0.113592 - 1.264190I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -1.173200 + 0.499513I		
a = 0.016542 - 0.248526I	-3.26933 + 1.94065I	0
b = -0.674425 + 0.293435I		
u = -1.173200 - 0.499513I		
a = 0.016542 + 0.248526I	-3.26933 - 1.94065I	0
b = -0.674425 - 0.293435I		
u = -1.235230 + 0.330826I		
a = -0.33660 + 2.05709I	-3.88318 + 10.29360I	0
b = 0.000090 + 1.376030I		
u = -1.235230 - 0.330826I		
a = -0.33660 - 2.05709I	-3.88318 - 10.29360I	0
b = 0.000090 - 1.376030I		
u = 1.249370 + 0.315680I		
a = -0.27835 - 2.02802I	-6.37245 - 5.49943I	0
b = -0.020794 - 1.319000I		
u = 1.249370 - 0.315680I		
a = -0.27835 + 2.02802I	-6.37245 + 5.49943I	0
b = -0.020794 + 1.319000I		
u = 0.667871 + 0.238591I		
a = 0.571406 - 0.367639I	1.43597 - 1.44832I	0
b = 0.693768 - 0.342077I		
u = 0.667871 - 0.238591I		
a = 0.571406 + 0.367639I	1.43597 + 1.44832I	0
b = 0.693768 + 0.342077I		
u = 0.296341 + 1.266470I		
a = 0.588887 - 0.562357I	-1.61974 + 5.47678I	0
b = -0.481408 - 0.968073I		
u = 0.296341 - 1.266470I		
a = 0.588887 + 0.562357I	-1.61974 - 5.47678I	0
b = -0.481408 + 0.968073I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.167494 + 0.661720I		
a = 0.903205 + 0.107287I	-0.02978 + 1.99251I	04.09661I
b = -0.389075 + 0.210986I		
u = 0.167494 - 0.661720I		
a = 0.903205 - 0.107287I	-0.02978 - 1.99251I	0. + 4.09661I
b = -0.389075 - 0.210986I		
u = 1.214800 + 0.521187I		
a = -0.161544 + 0.233318I	-2.96816 - 6.77417I	0
b = -0.800241 - 0.340413I		
u = 1.214800 - 0.521187I		
a = -0.161544 - 0.233318I	-2.96816 + 6.77417I	0
b = -0.800241 + 0.340413I		
u = -0.358202 + 0.575222I		
a = 0.775608 + 0.253363I	-1.86867 + 2.32778I	-4.16150 - 4.26008I
b = 0.055198 + 0.935323I		
u = -0.358202 - 0.575222I		
a = 0.775608 - 0.253363I	-1.86867 - 2.32778I	-4.16150 + 4.26008I
b = 0.055198 - 0.935323I		
u = -0.577597 + 0.322617I		
a = 1.010470 + 0.496488I	5.13731 + 3.86705I	8.70425 - 5.11738I
b = 0.963749 - 0.118733I		
u = -0.577597 - 0.322617I		
a = 1.010470 - 0.496488I	5.13731 - 3.86705I	8.70425 + 5.11738I
b = 0.963749 + 0.118733I		
u = 0.980105 + 0.918904I		
a = 1.101110 + 0.850671I	-0.91368 + 2.12098I	0
b = -0.372805 + 0.876227I		
u = 0.980105 - 0.918904I		
a = 1.101110 - 0.850671I	-0.91368 - 2.12098I	0
b = -0.372805 - 0.876227I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 1.313230 + 0.309824I		
a = -0.19412 - 1.83541I	-8.13253 - 3.85633I	0
b = -0.156769 - 1.226740I		
u = 1.313230 - 0.309824I		
a = -0.19412 + 1.83541I	-8.13253 + 3.85633I	0
b = -0.156769 + 1.226740I		
u = 0.239956 + 0.595319I		
a = 0.855037 - 0.298245I	0.32262 - 6.94765I	0. + 7.76889I
b = 0.103548 - 1.063830I		
u = 0.239956 - 0.595319I		
a = 0.855037 + 0.298245I	0.32262 + 6.94765I	0 7.76889I
b = 0.103548 + 1.063830I		
u = 1.253970 + 0.545654I		
a = -0.386501 + 0.134294I	0.18231 - 8.32135I	0
b = -0.933728 - 0.457141I		
u = 1.253970 - 0.545654I		
a = -0.386501 - 0.134294I	0.18231 + 8.32135I	0
b = -0.933728 + 0.457141I		
u = 0.553827 + 0.295260I		
a = 1.015630 - 0.401726I	1.97978 + 0.12263I	5.24306 + 0.97466I
b = 0.840275 + 0.199641I		
u = 0.553827 - 0.295260I		
a = 1.015630 + 0.401726I	1.97978 - 0.12263I	5.24306 - 0.97466I
b = 0.840275 - 0.199641I		
u = -1.262070 + 0.544014I		
a = -0.442388 - 0.143298I	3.02818 + 13.35620I	0
b = -0.973198 + 0.463991I		
u = -1.262070 - 0.544014I		
a = -0.442388 + 0.143298I	3.02818 - 13.35620I	0
b = -0.973198 - 0.463991I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = -0.533608 + 0.325223I		
a = 1.095880 + 0.423478I	5.07577 - 4.18287I	8.41753 + 2.84009I
b = 0.947198 - 0.291731I		
u = -0.533608 - 0.325223I		
a = 1.095880 - 0.423478I	5.07577 + 4.18287I	8.41753 - 2.84009I
b = 0.947198 + 0.291731I		
u = -1.255710 + 0.560612I		
a = -0.384857 - 0.039679I	4.62850 + 4.66407I	0
b = -0.911581 + 0.519532I		
u = -1.255710 - 0.560612I		
a = -0.384857 + 0.039679I	4.62850 - 4.66407I	0
b = -0.911581 - 0.519532I		
u = -1.358890 + 0.306655I		
a = -0.13484 + 1.70545I	-7.59861 - 0.89325I	0
b = -0.229309 + 1.162940I		
u = -1.358890 - 0.306655I		
a = -0.13484 - 1.70545I	-7.59861 + 0.89325I	0
b = -0.229309 - 1.162940I		
u = 1.203120 + 0.734855I		
a = 0.027731 - 0.334252I	3.23852 - 2.41685I	0
b = -0.599287 - 0.692681I		
u = 1.203120 - 0.734855I		
a = 0.027731 + 0.334252I	3.23852 + 2.41685I	0
b = -0.599287 + 0.692681I		
u = -1.34874 + 0.56518I		
a = 0.86245 - 1.78711I	0.8979 + 19.3944I	0
b = -0.688200 - 1.155230I		
u = -1.34874 - 0.56518I		
a = 0.86245 + 1.78711I	0.8979 - 19.3944I	0
b = -0.688200 + 1.155230I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 1.33327 + 0.60917I		
a = 0.96984 + 1.62324I	-5.23361 - 11.94400I	0
b = -0.592079 + 1.118120I		
u = 1.33327 - 0.60917I		
a = 0.96984 - 1.62324I	-5.23361 + 11.94400I	0
b = -0.592079 - 1.118120I		
u = 1.34944 + 0.57275I		
a = 0.87233 + 1.75095I	-1.9116 - 14.1946I	0
b = -0.672445 + 1.142200I		
u = 1.34944 - 0.57275I		
a = 0.87233 - 1.75095I	-1.9116 + 14.1946I	0
b = -0.672445 - 1.142200I		
u = -1.32765 + 0.63998I		
a = 0.99370 - 1.52844I	-5.45393 + 6.64274I	0
b = -0.554941 - 1.087880I		
u = -1.32765 - 0.63998I		
a = 0.99370 + 1.52844I	-5.45393 - 6.64274I	0
b = -0.554941 + 1.087880I		
u = -1.36344 + 0.57413I		
a = 0.81668 - 1.71870I	2.81883 + 10.53640I	0
b = -0.686542 - 1.110040I		
u = -1.36344 - 0.57413I		
a = 0.81668 + 1.71870I	2.81883 - 10.53640I	0
b = -0.686542 + 1.110040I		
u = 0.424899 + 0.205618I		
a = 1.067090 - 0.216970I	1.27885 + 1.47875I	5.53375 - 2.68402I
b = 0.643871 + 0.623380I		
u = 0.424899 - 0.205618I		
a = 1.067090 + 0.216970I	1.27885 - 1.47875I	5.53375 + 2.68402I
b = 0.643871 - 0.623380I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 0.123469 + 0.432298I		
a = 0.971527 - 0.185504I	1.44222 + 0.10917I	4.60096 + 0.74170I
b = 0.336621 - 1.039230I		
u = 0.123469 - 0.432298I		
a = 0.971527 + 0.185504I	1.44222 - 0.10917I	4.60096 - 0.74170I
b = 0.336621 + 1.039230I		
u = -0.276422 + 0.340856I		
a = 1.205550 + 0.069698I	4.11544 + 0.85046I	6.11573 - 1.78886I
b = 0.780050 - 0.899823I		
u = -0.276422 - 0.340856I		
a = 1.205550 - 0.069698I	4.11544 - 0.85046I	6.11573 + 1.78886I
b = 0.780050 + 0.899823I		
u = -0.212788 + 0.372080I		
a = 1.205710 - 0.009087I	3.70461 - 6.97242I	5.18722 + 5.39084I
b = 0.730879 - 0.999223I		
u = -0.212788 - 0.372080I		
a = 1.205710 + 0.009087I	3.70461 + 6.97242I	5.18722 - 5.39084I
b = 0.730879 + 0.999223I		
u = -1.30421 + 0.88979I		
a = 0.94760 - 1.13085I	-2.98311 + 3.49171I	0
b = -0.467146 - 0.945798I		
u = -1.30421 - 0.88979I		
a = 0.94760 + 1.13085I	-2.98311 - 3.49171I	0
b = -0.467146 + 0.945798I		
u = 0.207285 + 0.315281I		
a = 1.154330 - 0.015311I	0.91997 + 2.77577I	1.30667 - 1.85853I
b = 0.682752 + 0.937247I		
u = 0.207285 - 0.315281I		
a = 1.154330 + 0.015311I	0.91997 - 2.77577I	1.30667 + 1.85853I
b = 0.682752 - 0.937247I		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
u = 1.62344 + 0.10903I		
a = 0.421703 + 1.264650I	0.77146 + 3.14468I	0
b = -0.425694 + 0.762045I		
u = 1.62344 - 0.10903I		
a = 0.421703 - 1.264650I	0.77146 - 3.14468I	0
b = -0.425694 - 0.762045I		
u = 1.48787 + 0.67491I		
a = 0.72782 + 1.35166I	2.49361 - 7.12682I	0
b = -0.586014 + 0.941382I		
u = 1.48787 - 0.67491I		
a = 0.72782 - 1.35166I	2.49361 + 7.12682I	0
b = -0.586014 - 0.941382I		
u = 0.032839 + 0.299374I		
a = 1.058460 + 0.071287I	-0.04044 + 2.94917I	3.38791 - 1.67057I
b = 0.517309 + 0.978254I		
u = 0.032839 - 0.299374I		
a = 1.058460 - 0.071287I	-0.04044 - 2.94917I	3.38791 + 1.67057I
b = 0.517309 - 0.978254I		
u = -1.70082 + 0.27242I		
a = 0.180150 + 1.217840I	-3.30551 - 1.68181I	0
b = -0.429150 + 0.914214I		
u = -1.70082 - 0.27242I		
a = 0.180150 - 1.217840I	-3.30551 + 1.68181I	0
b = -0.429150 - 0.914214I		
u = 1.64495 + 0.53139I		
a = 0.015327 - 1.035890I	0.05005 + 7.11615I	0
b = -0.514628 - 0.947526I		
u = 1.64495 - 0.53139I		
a = 0.015327 + 1.035890I	0.05005 - 7.11615I	0
b = -0.514628 + 0.947526I		

II. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$u^{120} + 49u^{119} + \dots + 140u + 1$
c_2, c_5	$u^{120} + u^{119} + \dots + 20u + 1$
c_3	$u^{120} - 15u^{119} + \dots - 620400u + 166375$
C4	$u^{120} + 5u^{119} + \dots - 14u + 1$
c_6, c_9	$u^{120} + u^{119} + \dots + 10u^3 + 1$
c_7	$u^{120} - 5u^{119} + \dots - 1412636u + 186749$
c_8, c_{12}	$u^{120} + 5u^{119} + \dots + 2u + 1$
c_{10}	$u^{120} - 3u^{119} + \dots - 4u + 1$
c_{11}	$u^{120} - 61u^{119} + \dots - 10u^2 + 1$

III. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$y^{120} + 45y^{119} + \dots + 3100y + 1$
c_2, c_5	$y^{120} + 49y^{119} + \dots + 140y + 1$
c_3	$y^{120} - 71y^{119} + \dots - 1592489167500y + 27680640625$
C ₄	$y^{120} - 87y^{119} + \dots + 408y + 1$
c_{6}, c_{9}	$y^{120} - 75y^{119} + \dots - 50y^2 + 1$
<i>c</i> ₇	$y^{120} - 67y^{119} + \dots + 1230496216784y + 34875189001$
c_8, c_{12}	$y^{120} + 61y^{119} + \dots - 10y^2 + 1$
c_{10}	$y^{120} + 5y^{119} + \dots - 12y + 1$
c ₁₁	$y^{120} - 3y^{119} + \dots - 20y + 1$