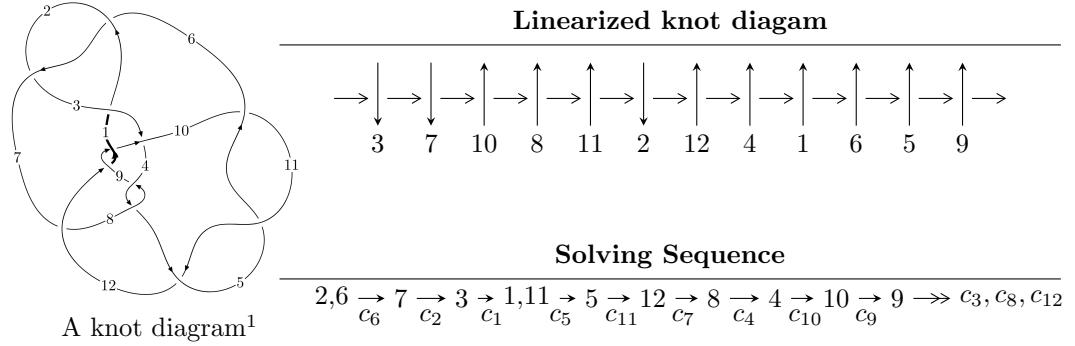


$12a_{0624}$ ($K12a_{0624}$)



Ideals for irreducible components² of X_{par}

$$I_1^u = \langle -1.10901 \times 10^{159} u^{88} + 2.62824 \times 10^{159} u^{87} + \dots + 1.74259 \times 10^{159} b - 7.22250 \times 10^{158}, \\ 1.79918 \times 10^{161} u^{88} - 4.32262 \times 10^{161} u^{87} + \dots + 5.75056 \times 10^{160} a + 7.55383 \times 10^{161}, u^{89} - 3u^{88} + \dots + 25u \rangle$$

* 1 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 89 representations.

¹The image of knot diagram is generated by the software “**Draw programme**” developed by Andrew Bartholomew(<http://www.layer8.co.uk/math/draw/index.htm#Running-draw>), where we modified some parts for our purpose(<https://github.com/CATsTAILs/LinksPainter>).

²All coefficients of polynomials are rational numbers. But the coefficients are sometimes approximated in decimal forms when there is not enough margin.

$$\text{I. } I_1^u = \langle -1.11 \times 10^{159} u^{88} + 2.63 \times 10^{159} u^{87} + \dots + 1.74 \times 10^{159} b - 7.22 \times 10^{158}, 1.80 \times 10^{161} u^{88} - 4.32 \times 10^{161} u^{87} + \dots + 5.75 \times 10^{160} a + 7.55 \times 10^{161}, u^{89} - 3u^{88} + \dots + 25u - 3 \rangle$$

(i) **Arc colorings**

$$\begin{aligned} a_2 &= \begin{pmatrix} 0 \\ u \end{pmatrix} \\ a_6 &= \begin{pmatrix} 1 \\ 0 \end{pmatrix} \\ a_7 &= \begin{pmatrix} 1 \\ u^2 \end{pmatrix} \\ a_3 &= \begin{pmatrix} -u \\ -u^3 + u \end{pmatrix} \\ a_1 &= \begin{pmatrix} u^3 \\ u^5 - u^3 + u \end{pmatrix} \\ a_{11} &= \begin{pmatrix} -3.12871u^{88} + 7.51688u^{87} + \dots + 109.415u - 13.1358 \\ 0.636414u^{88} - 1.50823u^{87} + \dots - 12.0674u + 0.414469 \end{pmatrix} \\ a_5 &= \begin{pmatrix} -0.231096u^{88} + 1.01234u^{87} + \dots + 61.7683u - 10.7288 \\ 2.08200u^{88} - 5.19544u^{87} + \dots - 80.1291u + 10.3551 \end{pmatrix} \\ a_{12} &= \begin{pmatrix} 0.150566u^{88} - 0.137480u^{87} + \dots + 30.2309u - 11.3078 \\ 0.986969u^{88} - 2.61086u^{87} + \dots - 53.1782u + 9.36670 \end{pmatrix} \\ a_8 &= \begin{pmatrix} 2.53343u^{88} - 7.13992u^{87} + \dots - 147.071u + 17.9792 \\ -1.56685u^{88} + 3.59942u^{87} + \dots + 37.5502u - 2.31927 \end{pmatrix} \\ a_4 &= \begin{pmatrix} -0.887414u^{88} + 1.10529u^{87} + \dots - 9.46301u + 6.49474 \\ 0.853902u^{88} - 2.02191u^{87} + \dots - 14.8570u + 0.758719 \end{pmatrix} \\ a_{10} &= \begin{pmatrix} -3.76513u^{88} + 9.02512u^{87} + \dots + 121.482u - 13.5503 \\ 0.636414u^{88} - 1.50823u^{87} + \dots - 12.0674u + 0.414469 \end{pmatrix} \\ a_9 &= \begin{pmatrix} -3.82241u^{88} + 9.23994u^{87} + \dots + 126.692u - 14.4481 \\ 0.00747695u^{88} + 0.0854807u^{87} + \dots + 14.4719u - 3.62999 \end{pmatrix} \end{aligned}$$

(ii) **Obstruction class** = -1

(iii) **Cusp Shapes** = $15.1083u^{88} - 38.1525u^{87} + \dots - 579.178u + 94.3288$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{89} + 37u^{88} + \cdots + 229u + 9$
c_2, c_6	$u^{89} - 3u^{88} + \cdots + 25u - 3$
c_3	$1089(1089u^{89} + 13233u^{88} + \cdots + 2115u - 259)$
c_4, c_8	$u^{89} - 3u^{88} + \cdots + 25u - 3$
c_5, c_{10}, c_{11}	$u^{89} + u^{88} + \cdots - 15u - 1$
c_7	$1089(1089u^{89} + 9075u^{88} + \cdots + 8757765u - 5706775)$
c_9, c_{12}	$u^{89} - u^{88} + \cdots + 17u - 1$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{89} + 31y^{88} + \cdots - 20963y - 81$
c_2, c_6	$y^{89} - 37y^{88} + \cdots + 229y - 9$
c_3	$1185921(1185921y^{89} - 1.88147 \times 10^7 y^{88} + \cdots + 2227177y - 67081)$
c_4, c_8	$y^{89} + 63y^{88} + \cdots - 59y - 9$
c_5, c_{10}, c_{11}	$y^{89} + 91y^{88} + \cdots + 53y - 1$
c_7	$1185921(1185921y^{89} + 6.81921 \times 10^7 y^{88} + \cdots + 9.41156 \times 10^{13}y - 3.25673 \times 10^{13})$
c_9, c_{12}	$y^{89} - 57y^{88} + \cdots + 53y - 1$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.532636 + 0.845551I$		
$a = -0.329471 + 0.111426I$	$2.17262 - 7.81441I$	0
$b = 0.777464 - 0.546287I$		
$u = -0.532636 - 0.845551I$		
$a = -0.329471 - 0.111426I$	$2.17262 + 7.81441I$	0
$b = 0.777464 + 0.546287I$		
$u = -0.697190 + 0.706132I$		
$a = 0.852079 - 1.052030I$	$4.50784 + 1.34674I$	0
$b = -0.434773 - 0.748501I$		
$u = -0.697190 - 0.706132I$		
$a = 0.852079 + 1.052030I$	$4.50784 - 1.34674I$	0
$b = -0.434773 + 0.748501I$		
$u = 0.880484 + 0.453167I$		
$a = 0.53480 + 3.00940I$	$-3.69992 - 1.85198I$	0
$b = 0.05012 + 1.51610I$		
$u = 0.880484 - 0.453167I$		
$a = 0.53480 - 3.00940I$	$-3.69992 + 1.85198I$	0
$b = 0.05012 - 1.51610I$		
$u = -0.376262 + 0.908508I$		
$a = -0.164022 - 0.085627I$	$1.41143 + 3.84397I$	0
$b = 0.384148 + 0.325837I$		
$u = -0.376262 - 0.908508I$		
$a = -0.164022 + 0.085627I$	$1.41143 - 3.84397I$	0
$b = 0.384148 - 0.325837I$		
$u = -0.938175 + 0.401004I$		
$a = -1.55412 + 1.82139I$	$-7.13369 + 1.50478I$	0
$b = -0.17732 + 1.87270I$		
$u = -0.938175 - 0.401004I$		
$a = -1.55412 - 1.82139I$	$-7.13369 - 1.50478I$	0
$b = -0.17732 - 1.87270I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.550397 + 0.885902I$		
$a = 0.256430 + 0.103414I$	$5.86436 + 2.38119I$	0
$b = -0.613597 - 0.295317I$		
$u = 0.550397 - 0.885902I$		
$a = 0.256430 - 0.103414I$	$5.86436 - 2.38119I$	0
$b = -0.613597 + 0.295317I$		
$u = -0.990809 + 0.326016I$		
$a = -0.298513 + 0.540908I$	$-1.55145 + 1.37502I$	0
$b = -0.057054 + 0.487891I$		
$u = -0.990809 - 0.326016I$		
$a = -0.298513 - 0.540908I$	$-1.55145 - 1.37502I$	0
$b = -0.057054 - 0.487891I$		
$u = 0.905252 + 0.530463I$		
$a = 4.64241 + 0.47408I$	$-0.10358 - 2.04661I$	0
$b = -0.197180 - 0.025948I$		
$u = 0.905252 - 0.530463I$		
$a = 4.64241 - 0.47408I$	$-0.10358 + 2.04661I$	0
$b = -0.197180 + 0.025948I$		
$u = -0.938122 + 0.518125I$		
$a = -2.25920 + 1.17993I$	$-3.10521 + 2.76714I$	0
$b = 0.190351 + 1.357710I$		
$u = -0.938122 - 0.518125I$		
$a = -2.25920 - 1.17993I$	$-3.10521 - 2.76714I$	0
$b = 0.190351 - 1.357710I$		
$u = -0.782728 + 0.488112I$		
$a = 0.342336 + 0.940192I$	$-1.50935 + 2.07388I$	0
$b = -0.246621 - 0.071250I$		
$u = -0.782728 - 0.488112I$		
$a = 0.342336 - 0.940192I$	$-1.50935 - 2.07388I$	0
$b = -0.246621 + 0.071250I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.480693 + 0.965063I$	$-4.63843 + 11.63310I$	0
$a = -0.269333 + 0.692506I$		
$b = 0.26611 + 1.53970I$		
$u = 0.480693 - 0.965063I$	$-4.63843 - 11.63310I$	0
$a = -0.269333 - 0.692506I$		
$b = 0.26611 - 1.53970I$		
$u = 0.876714 + 0.264843I$	$-5.48696 + 0.76037I$	0
$a = 1.106160 + 0.454993I$		
$b = 0.640905 + 1.124090I$		
$u = 0.876714 - 0.264843I$	$-5.48696 - 0.76037I$	0
$a = 1.106160 - 0.454993I$		
$b = 0.640905 - 1.124090I$		
$u = 0.979855 + 0.475807I$	$-6.57605 - 4.05853I$	0
$a = 1.52486 + 1.95549I$		
$b = -0.54385 + 1.67907I$		
$u = 0.979855 - 0.475807I$	$-6.57605 + 4.05853I$	0
$a = 1.52486 - 1.95549I$		
$b = -0.54385 - 1.67907I$		
$u = 0.370514 + 0.813878I$	$-8.84893 + 6.12735I$	0
$a = 0.199700 - 0.361091I$		
$b = -0.27361 - 1.53199I$		
$u = 0.370514 - 0.813878I$	$-8.84893 - 6.12735I$	0
$a = 0.199700 + 0.361091I$		
$b = -0.27361 + 1.53199I$		
$u = 0.977486 + 0.532227I$	$-0.16594 - 4.11744I$	0
$a = 0.550302 + 0.974106I$		
$b = -0.613667 + 0.315224I$		
$u = 0.977486 - 0.532227I$	$-0.16594 + 4.11744I$	0
$a = 0.550302 - 0.974106I$		
$b = -0.613667 - 0.315224I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.776189 + 0.801927I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = 0.608392 + 0.186860I$	$-6.71130 - 2.95857I$	0
$b = -0.05077 + 1.43405I$		
$u = 0.776189 - 0.801927I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = 0.608392 - 0.186860I$	$-6.71130 + 2.95857I$	0
$b = -0.05077 - 1.43405I$		
$u = 0.592682 + 0.654546I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.968450 - 0.900276I$	$2.14298 + 2.52868I$	0
$b = 0.824689 - 0.582850I$		
$u = 0.592682 - 0.654546I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.968450 + 0.900276I$	$2.14298 - 2.52868I$	0
$b = 0.824689 + 0.582850I$		
$u = -1.005190 + 0.529887I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.43796 + 1.39245I$	$-3.80322 + 6.41139I$	0
$b = 1.077510 + 0.640281I$		
$u = -1.005190 - 0.529887I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.43796 - 1.39245I$	$-3.80322 - 6.41139I$	0
$b = 1.077510 - 0.640281I$		
$u = 1.144320 + 0.059059I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.398793 + 0.894332I$	$-4.07816 - 6.32536I$	0
$b = -0.516834 + 0.697007I$		
$u = 1.144320 - 0.059059I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.398793 - 0.894332I$	$-4.07816 + 6.32536I$	0
$b = -0.516834 - 0.697007I$		
$u = -0.964012 + 0.634990I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = 0.133390 - 0.352220I$	$3.68544 + 3.81135I$	0
$b = 0.590169 - 0.621489I$		
$u = -0.964012 - 0.634990I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = 0.133390 + 0.352220I$	$3.68544 - 3.81135I$	0
$b = 0.590169 + 0.621489I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.420226 + 1.077630I$		
$a = 0.121883 + 0.882947I$	$0.39074 - 5.12452I$	0
$b = -0.17022 + 1.41805I$		
$u = -0.420226 - 1.077630I$		
$a = 0.121883 - 0.882947I$	$0.39074 + 5.12452I$	0
$b = -0.17022 - 1.41805I$		
$u = 1.003450 + 0.603777I$		
$a = -0.356046 + 0.311967I$	$0.92594 - 7.45495I$	0
$b = -1.014410 - 0.523135I$		
$u = 1.003450 - 0.603777I$		
$a = -0.356046 - 0.311967I$	$0.92594 + 7.45495I$	0
$b = -1.014410 + 0.523135I$		
$u = -0.663274 + 0.482007I$		
$a = -0.383552 - 0.098579I$	$-2.31044 + 1.39236I$	$6.00000 - 4.34365I$
$b = -0.081911 + 1.222220I$		
$u = -0.663274 - 0.482007I$		
$a = -0.383552 + 0.098579I$	$-2.31044 - 1.39236I$	$6.00000 + 4.34365I$
$b = -0.081911 - 1.222220I$		
$u = -1.112340 + 0.394289I$		
$a = -0.322205 + 0.390018I$	$-1.56596 + 1.33194I$	0
$b = -0.003884 + 0.449466I$		
$u = -1.112340 - 0.394289I$		
$a = -0.322205 - 0.390018I$	$-1.56596 - 1.33194I$	0
$b = -0.003884 - 0.449466I$		
$u = -1.206400 + 0.133026I$		
$a = 0.43556 - 2.50716I$	$-14.1434 - 3.4037I$	0
$b = 0.15758 - 1.60691I$		
$u = -1.206400 - 0.133026I$		
$a = 0.43556 + 2.50716I$	$-14.1434 + 3.4037I$	0
$b = 0.15758 + 1.60691I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.781572 + 0.064438I$		
$a = -0.076040 - 1.012340I$	$-2.05830 - 2.27656I$	$1.43905 + 3.82974I$
$b = -0.766778 + 0.017173I$		
$u = -0.781572 - 0.064438I$		
$a = -0.076040 + 1.012340I$	$-2.05830 + 2.27656I$	$1.43905 - 3.82974I$
$b = -0.766778 - 0.017173I$		
$u = 0.638409 + 0.407830I$		
$a = -0.756928 - 0.235077I$	$0.925151 - 0.025658I$	$11.59100 - 0.67651I$
$b = 0.545634 + 0.053149I$		
$u = 0.638409 - 0.407830I$		
$a = -0.756928 + 0.235077I$	$0.925151 + 0.025658I$	$11.59100 + 0.67651I$
$b = 0.545634 - 0.053149I$		
$u = -0.277680 + 0.700999I$		
$a = -0.473863 - 0.710002I$	$-3.64108 - 2.19676I$	$3.44360 + 2.93374I$
$b = 0.126131 - 1.373140I$		
$u = -0.277680 - 0.700999I$		
$a = -0.473863 + 0.710002I$	$-3.64108 + 2.19676I$	$3.44360 - 2.93374I$
$b = 0.126131 + 1.373140I$		
$u = -1.115820 + 0.562928I$		
$a = 1.68042 - 1.98048I$	$-5.99017 + 7.03073I$	0
$b = -0.19932 - 1.46094I$		
$u = -1.115820 - 0.562928I$		
$a = 1.68042 + 1.98048I$	$-5.99017 - 7.03073I$	0
$b = -0.19932 + 1.46094I$		
$u = 0.719293 + 0.152338I$		
$a = 1.93280 - 1.48228I$	$-5.14999 - 0.88242I$	$-2.43783 - 0.67572I$
$b = 0.040871 - 1.218320I$		
$u = 0.719293 - 0.152338I$		
$a = 1.93280 + 1.48228I$	$-5.14999 + 0.88242I$	$-2.43783 + 0.67572I$
$b = 0.040871 + 1.218320I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.999056 + 0.783476I$		
$a = 0.419737 + 0.001742I$	$-0.89057 + 3.16272I$	0
$b = -0.173174 - 0.368674I$		
$u = -0.999056 - 0.783476I$		
$a = 0.419737 - 0.001742I$	$-0.89057 - 3.16272I$	0
$b = -0.173174 + 0.368674I$		
$u = 1.118450 + 0.601095I$		
$a = -1.60533 - 1.82197I$	$-11.0564 - 11.3845I$	0
$b = 0.33141 - 1.59528I$		
$u = 1.118450 - 0.601095I$		
$a = -1.60533 + 1.82197I$	$-11.0564 + 11.3845I$	0
$b = 0.33141 + 1.59528I$		
$u = -1.081930 + 0.666173I$		
$a = 0.589579 - 1.180870I$	$0.50737 + 13.44270I$	0
$b = -0.849627 - 0.630203I$		
$u = -1.081930 - 0.666173I$		
$a = 0.589579 + 1.180870I$	$0.50737 - 13.44270I$	0
$b = -0.849627 + 0.630203I$		
$u = 1.081650 + 0.685039I$		
$a = -0.436996 - 0.839442I$	$4.23970 - 8.17310I$	0
$b = 0.679308 - 0.435513I$		
$u = 1.081650 - 0.685039I$		
$a = -0.436996 + 0.839442I$	$4.23970 + 8.17310I$	0
$b = 0.679308 + 0.435513I$		
$u = 0.515945 + 1.185570I$		
$a = -0.281752 - 0.887380I$	$-4.35102 - 5.41923I$	0
$b = 0.08841 - 1.44924I$		
$u = 0.515945 - 1.185570I$		
$a = -0.281752 + 0.887380I$	$-4.35102 + 5.41923I$	0
$b = 0.08841 + 1.44924I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -1.327490 + 0.027957I$		
$a = 0.10271 - 2.52885I$	$-11.5806 + 8.8691I$	0
$b = -0.16454 - 1.56585I$		
$u = -1.327490 - 0.027957I$		
$a = 0.10271 + 2.52885I$	$-11.5806 - 8.8691I$	0
$b = -0.16454 + 1.56585I$		
$u = 1.147680 + 0.689108I$		
$a = 1.65716 + 1.78257I$	$-6.7006 - 17.6575I$	0
$b = -0.29117 + 1.57845I$		
$u = 1.147680 - 0.689108I$		
$a = 1.65716 - 1.78257I$	$-6.7006 + 17.6575I$	0
$b = -0.29117 - 1.57845I$		
$u = 1.267310 + 0.467819I$		
$a = -0.91083 - 2.20761I$	$-7.83136 - 1.39336I$	0
$b = 0.01027 - 1.47606I$		
$u = 1.267310 - 0.467819I$		
$a = -0.91083 + 2.20761I$	$-7.83136 + 1.39336I$	0
$b = 0.01027 + 1.47606I$		
$u = -1.189860 + 0.697067I$		
$a = -1.37002 + 1.77825I$	$-2.01069 + 11.42240I$	0
$b = 0.22269 + 1.48583I$		
$u = -1.189860 - 0.697067I$		
$a = -1.37002 - 1.77825I$	$-2.01069 - 11.42240I$	0
$b = 0.22269 - 1.48583I$		
$u = -0.418699 + 0.448760I$		
$a = 0.404715 - 0.840956I$	$-2.30355 - 2.21445I$	$3.22069 + 4.46897I$
$b = -0.796403 + 0.426983I$		
$u = -0.418699 - 0.448760I$		
$a = 0.404715 + 0.840956I$	$-2.30355 + 2.21445I$	$3.22069 - 4.46897I$
$b = -0.796403 - 0.426983I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 1.39312 + 0.29865I$	$-7.91900 - 1.38899I$	0
$a = -0.46862 - 2.25091I$		
$b = 0.00664 - 1.48464I$		
$u = 1.39312 - 0.29865I$	$-7.91900 + 1.38899I$	0
$a = -0.46862 + 2.25091I$		
$b = 0.00664 + 1.48464I$		
$u = 0.260475 + 0.428192I$	$1.05980 - 1.42675I$	$5.79067 - 2.39869I$
$a = -1.01332 + 2.07686I$		
$b = 0.331226 + 0.424317I$		
$u = 0.260475 - 0.428192I$	$1.05980 + 1.42675I$	$5.79067 + 2.39869I$
$a = -1.01332 - 2.07686I$		
$b = 0.331226 - 0.424317I$		
$u = 1.18916 + 0.92841I$	$-6.95103 - 3.87677I$	0
$a = 0.85483 + 1.23080I$		
$b = -0.04060 + 1.47076I$		
$u = 1.18916 - 0.92841I$	$-6.95103 + 3.87677I$	0
$a = 0.85483 - 1.23080I$		
$b = -0.04060 - 1.47076I$		
$u = 0.451678$	0.782505	13.3570
$a = -1.04395$		
$b = 0.420289$		
$u = 0.224099 + 0.200594I$	$-5.13057 + 0.63128I$	$1.44985 - 0.35366I$
$a = 2.26767 - 2.14874I$		
$b = 0.22553 + 1.43813I$		
$u = 0.224099 - 0.200594I$	$-5.13057 - 0.63128I$	$1.44985 + 0.35366I$
$a = 2.26767 + 2.14874I$		
$b = 0.22553 - 1.43813I$		

II. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$u^{89} + 37u^{88} + \cdots + 229u + 9$
c_2, c_6	$u^{89} - 3u^{88} + \cdots + 25u - 3$
c_3	$1089(1089u^{89} + 13233u^{88} + \cdots + 2115u - 259)$
c_4, c_8	$u^{89} - 3u^{88} + \cdots + 25u - 3$
c_5, c_{10}, c_{11}	$u^{89} + u^{88} + \cdots - 15u - 1$
c_7	$1089(1089u^{89} + 9075u^{88} + \cdots + 8757765u - 5706775)$
c_9, c_{12}	$u^{89} - u^{88} + \cdots + 17u - 1$

III. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$y^{89} + 31y^{88} + \cdots - 20963y - 81$
c_2, c_6	$y^{89} - 37y^{88} + \cdots + 229y - 9$
c_3	$1185921(1185921y^{89} - 1.88147 \times 10^7 y^{88} + \cdots + 2227177y - 67081)$
c_4, c_8	$y^{89} + 63y^{88} + \cdots - 59y - 9$
c_5, c_{10}, c_{11}	$y^{89} + 91y^{88} + \cdots + 53y - 1$
c_7	$1185921(1185921y^{89} + 6.81921 \times 10^7 y^{88} + \cdots + 9.41156 \times 10^{13}y - 3.25673 \times 10^{13})$
c_9, c_{12}	$y^{89} - 57y^{88} + \cdots + 53y - 1$