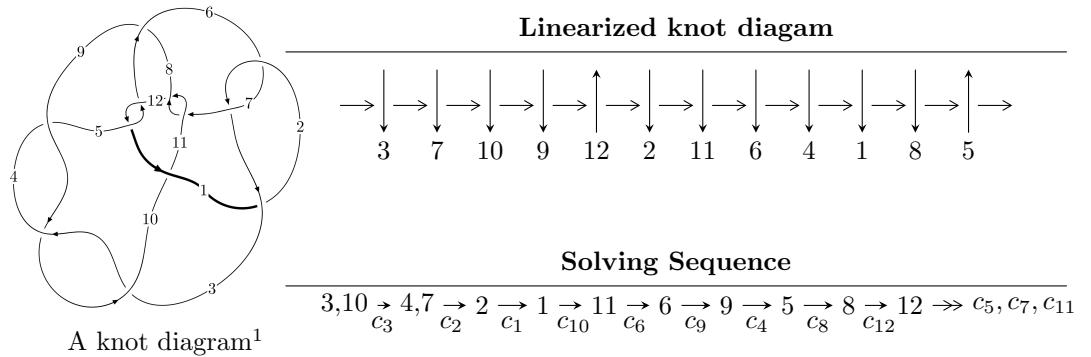


$12a_{0638}$ ($K12a_{0638}$)



Ideals for irreducible components² of X_{par}

$$I_1^u = \langle -3.88047 \times 10^{205} u^{89} + 4.82669 \times 10^{205} u^{88} + \dots + 8.17391 \times 10^{204} b + 1.54211 \times 10^{206}, \\ 2.69752 \times 10^{206} u^{89} - 3.08673 \times 10^{206} u^{88} + \dots + 8.17391 \times 10^{204} a - 1.57877 \times 10^{207}, u^{90} - u^{89} + \dots - 13u \rangle$$

* 1 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 90 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.

$$\text{I. } I_1^u = \langle -3.88 \times 10^{205}u^{89} + 4.83 \times 10^{205}u^{88} + \dots + 8.17 \times 10^{204}b + 1.54 \times 10^{206}, 2.70 \times 10^{206}u^{89} - 3.09 \times 10^{206}u^{88} + \dots + 8.17 \times 10^{204}a - 1.58 \times 10^{207}, u^{90} - u^{89} + \dots - 13u - 1 \rangle$$

(i) Arc colorings

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

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

$$a_4 = \begin{pmatrix} 1 \\ u^2 \end{pmatrix}$$

$$a_7 = \begin{pmatrix} -33.0016u^{89} + 37.7631u^{88} + \dots + 1468.09u + 193.147 \\ 4.74738u^{89} - 5.90500u^{88} + \dots - 173.610u - 18.8662 \end{pmatrix}$$

$$a_2 = \begin{pmatrix} -8.45664u^{89} + 11.0243u^{88} + \dots + 256.917u + 9.20347 \\ -6.17248u^{89} + 7.40897u^{88} + \dots + 257.954u + 31.5861 \end{pmatrix}$$

$$a_1 = \begin{pmatrix} -14.6291u^{89} + 18.4333u^{88} + \dots + 514.871u + 40.7896 \\ -6.17248u^{89} + 7.40897u^{88} + \dots + 257.954u + 31.5861 \end{pmatrix}$$

$$a_{11} = \begin{pmatrix} 17.7342u^{89} - 28.6739u^{88} + \dots - 80.1654u + 48.2554 \\ 10.8888u^{89} - 13.4259u^{88} + \dots - 401.828u - 45.1321 \end{pmatrix}$$

$$a_6 = \begin{pmatrix} -23.5669u^{89} + 26.3603u^{88} + \dots + 1121.51u + 150.471 \\ -0.908820u^{89} + 0.780287u^{88} + \dots + 61.0914u + 11.0352 \end{pmatrix}$$

$$a_9 = \begin{pmatrix} u \\ u^3 + u \end{pmatrix}$$

$$a_5 = \begin{pmatrix} u^2 + 1 \\ u^4 + 2u^2 \end{pmatrix}$$

$$a_8 = \begin{pmatrix} -10.0388u^{89} + 4.07039u^{88} + \dots + 1067.53u + 183.313 \\ 9.64910u^{89} - 12.1029u^{88} + \dots - 343.266u - 36.0497 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} -9.59366u^{89} + 12.3295u^{88} + \dots + 310.049u + 14.7507 \\ -5.77007u^{89} + 6.89531u^{88} + \dots + 241.600u + 29.5670 \end{pmatrix}$$

(ii) Obstruction class = -1

(iii) Cusp Shapes = $31.5469u^{89} - 41.0990u^{88} + \dots - 989.110u - 113.884$

(iv) u-Polynomials at the component

Crossings	u-Polynomials at each crossing
c_1	$u^{90} + 35u^{89} + \cdots + 223u + 9$
c_2, c_6	$u^{90} - 3u^{89} + \cdots - 19u + 3$
c_3, c_4, c_9	$u^{90} + u^{89} + \cdots + 13u - 1$
c_5, c_{12}	$u^{90} - 3u^{89} + \cdots - 19u + 3$
c_7, c_{11}	$u^{90} + u^{89} + \cdots - 17u - 1$
c_8	$1089(1089u^{90} + 7095u^{89} + \cdots + 166909u - 7597)$
c_{10}	$1089(1089u^{90} + 5709u^{89} + \cdots + 497255u + 37873)$

(v) Riley Polynomials at the component

Crossings	Riley Polynomials at each crossing
c_1	$y^{90} + 41y^{89} + \cdots + 119237y + 81$
c_2, c_6	$y^{90} - 35y^{89} + \cdots - 223y + 9$
c_3, c_4, c_9	$y^{90} + 89y^{89} + \cdots - 83y + 1$
c_5, c_{12}	$y^{90} + 57y^{89} + \cdots + 65y + 9$
c_7, c_{11}	$y^{90} - 63y^{89} + \cdots - 275y + 1$
c_8	1185921 $\cdot (1185921y^{90} - 32124411y^{89} + \cdots - 5463038131y + 57714409)$
c_{10}	1185921 $\cdot (1185921y^{90} + 31046301y^{89} + \cdots - 127015229803y + 1434364129)$

(vi) Complex Volumes and Cusp Shapes

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.884407 + 0.552119I$		
$a = 0.67651 - 1.37576I$	$-5.7142 - 13.3590I$	0
$b = 1.101550 + 0.648053I$		
$u = 0.884407 - 0.552119I$		
$a = 0.67651 + 1.37576I$	$-5.7142 + 13.3590I$	0
$b = 1.101550 - 0.648053I$		
$u = 0.601482 + 0.851986I$		
$a = 0.21021 - 1.43020I$	$-8.19443 + 0.91794I$	0
$b = 1.058390 + 0.151927I$		
$u = 0.601482 - 0.851986I$		
$a = 0.21021 + 1.43020I$	$-8.19443 - 0.91794I$	0
$b = 1.058390 - 0.151927I$		
$u = -0.814653 + 0.489377I$		
$a = -0.491507 - 1.062780I$	$-3.95289 - 2.63059I$	0
$b = -0.465241 + 0.591482I$		
$u = -0.814653 - 0.489377I$		
$a = -0.491507 + 1.062780I$	$-3.95289 + 2.63059I$	0
$b = -0.465241 - 0.591482I$		
$u = -0.771114 + 0.546663I$		
$a = -0.422283 - 0.500726I$	$-3.81555 + 7.81863I$	0
$b = 0.466094 + 0.844275I$		
$u = -0.771114 - 0.546663I$		
$a = -0.422283 + 0.500726I$	$-3.81555 - 7.81863I$	0
$b = 0.466094 - 0.844275I$		
$u = 0.900983 + 0.596501I$		
$a = -0.093843 + 0.502442I$	$0.35978 - 1.93194I$	0
$b = 0.675937 - 0.597711I$		
$u = 0.900983 - 0.596501I$		
$a = -0.093843 - 0.502442I$	$0.35978 + 1.93194I$	0
$b = 0.675937 + 0.597711I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.098559 + 1.088140I$		
$a = 0.503311 + 0.971372I$	$-0.372000 - 0.941624I$	0
$b = 0.794285 + 0.078555I$		
$u = 0.098559 - 1.088140I$		
$a = 0.503311 - 0.971372I$	$-0.372000 + 0.941624I$	0
$b = 0.794285 - 0.078555I$		
$u = 0.552124 + 0.658398I$		
$a = -0.58144 + 1.50903I$	$1.69508 - 3.63423I$	0
$b = -0.934698 - 0.601704I$		
$u = 0.552124 - 0.658398I$		
$a = -0.58144 - 1.50903I$	$1.69508 + 3.63423I$	0
$b = -0.934698 + 0.601704I$		
$u = -0.302255 + 0.800949I$		
$a = 0.372411 + 0.562512I$	$2.40975 - 1.13743I$	0
$b = -0.686516 - 0.599127I$		
$u = -0.302255 - 0.800949I$		
$a = 0.372411 - 0.562512I$	$2.40975 + 1.13743I$	0
$b = -0.686516 + 0.599127I$		
$u = -1.076480 + 0.436655I$		
$a = 0.595229 + 1.070310I$	$-0.46815 + 6.73608I$	0
$b = 0.954303 - 0.607541I$		
$u = -1.076480 - 0.436655I$		
$a = 0.595229 - 1.070310I$	$-0.46815 - 6.73608I$	0
$b = 0.954303 + 0.607541I$		
$u = 0.960861 + 0.666348I$		
$a = -0.021599 - 0.436431I$	$-5.49644 + 7.35262I$	0
$b = -1.029310 + 0.585367I$		
$u = 0.960861 - 0.666348I$		
$a = -0.021599 + 0.436431I$	$-5.49644 - 7.35262I$	0
$b = -1.029310 - 0.585367I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.761360 + 0.304996I$		
$a = -0.866787 + 0.057866I$	$-9.78593 - 5.59963I$	0
$b = -1.213130 + 0.029847I$		
$u = 0.761360 - 0.304996I$		
$a = -0.866787 - 0.057866I$	$-9.78593 + 5.59963I$	0
$b = -1.213130 - 0.029847I$		
$u = -0.609807 + 0.522517I$		
$a = -0.83495 - 1.34108I$	$-1.34383 + 8.34560I$	0
$b = -1.111850 + 0.628955I$		
$u = -0.609807 - 0.522517I$		
$a = -0.83495 + 1.34108I$	$-1.34383 - 8.34560I$	0
$b = -1.111850 - 0.628955I$		
$u = -0.023627 + 1.287760I$		
$a = -0.321563 + 0.311867I$	$2.72401 - 1.49869I$	0
$b = -0.825395 - 0.322297I$		
$u = -0.023627 - 1.287760I$		
$a = -0.321563 - 0.311867I$	$2.72401 + 1.49869I$	0
$b = -0.825395 + 0.322297I$		
$u = -0.623609 + 0.336920I$		
$a = 0.405546 + 0.480688I$	$-1.81658 - 4.27889I$	$-8.84469 + 3.54931I$
$b = 0.992798 + 0.546801I$		
$u = -0.623609 - 0.336920I$		
$a = 0.405546 - 0.480688I$	$-1.81658 + 4.27889I$	$-8.84469 - 3.54931I$
$b = 0.992798 - 0.546801I$		
$u = -0.683352 + 0.035665I$		
$a = -1.15998 - 1.27267I$	$-3.54008 - 2.29909I$	$-15.6562 + 3.4828I$
$b = -0.737342 - 0.023719I$		
$u = -0.683352 - 0.035665I$		
$a = -1.15998 + 1.27267I$	$-3.54008 + 2.29909I$	$-15.6562 - 3.4828I$
$b = -0.737342 + 0.023719I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.020939 + 1.317360I$		
$a = 0.841938 - 0.798254I$	$-1.52334 + 1.49242I$	0
$b = -1.48993 + 0.39916I$		
$u = -0.020939 - 1.317360I$		
$a = 0.841938 + 0.798254I$	$-1.52334 - 1.49242I$	0
$b = -1.48993 - 0.39916I$		
$u = 0.399308 + 0.534416I$		
$a = 0.379511 - 0.330704I$	$0.75694 - 2.95526I$	$-5.08894 + 6.31612I$
$b = -0.385031 + 0.822298I$		
$u = 0.399308 - 0.534416I$		
$a = 0.379511 + 0.330704I$	$0.75694 + 2.95526I$	$-5.08894 - 6.31612I$
$b = -0.385031 - 0.822298I$		
$u = -0.012917 + 1.352440I$		
$a = -0.573501 + 0.807296I$	$2.50328 - 1.37457I$	0
$b = -1.029960 - 0.423805I$		
$u = -0.012917 - 1.352440I$		
$a = -0.573501 - 0.807296I$	$2.50328 + 1.37457I$	0
$b = -1.029960 + 0.423805I$		
$u = 0.067251 + 1.357430I$		
$a = 0.84277 + 1.88859I$	$-0.36011 - 4.01830I$	0
$b = -1.16317 - 0.98650I$		
$u = 0.067251 - 1.357430I$		
$a = 0.84277 - 1.88859I$	$-0.36011 + 4.01830I$	0
$b = -1.16317 + 0.98650I$		
$u = -0.222723 + 1.348860I$		
$a = 0.456670 + 0.372203I$	$0.79911 + 5.51509I$	0
$b = 1.086160 - 0.137606I$		
$u = -0.222723 - 1.348860I$		
$a = 0.456670 - 0.372203I$	$0.79911 - 5.51509I$	0
$b = 1.086160 + 0.137606I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.039927 + 1.392050I$		
$a = 0.95543 - 2.34340I$	$2.99123 + 2.77285I$	0
$b = -0.900060 + 0.718184I$		
$u = -0.039927 - 1.392050I$		
$a = 0.95543 + 2.34340I$	$2.99123 - 2.77285I$	0
$b = -0.900060 - 0.718184I$		
$u = -0.10475 + 1.41483I$		
$a = 0.33002 - 1.70854I$	$2.41571 + 5.48154I$	0
$b = -0.443610 + 1.191010I$		
$u = -0.10475 - 1.41483I$		
$a = 0.33002 + 1.70854I$	$2.41571 - 5.48154I$	0
$b = -0.443610 - 1.191010I$		
$u = 0.558853 + 0.067857I$		
$a = 1.216400 - 0.107507I$	$-0.656767 - 0.000726I$	$-8.13427 + 0.83328I$
$b = 0.626395 + 0.443533I$		
$u = 0.558853 - 0.067857I$		
$a = 1.216400 + 0.107507I$	$-0.656767 + 0.000726I$	$-8.13427 - 0.83328I$
$b = 0.626395 - 0.443533I$		
$u = 0.26542 + 1.41434I$		
$a = -0.232973 - 0.565179I$	$-4.30452 - 9.26784I$	0
$b = 1.314000 + 0.089191I$		
$u = 0.26542 - 1.41434I$		
$a = -0.232973 + 0.565179I$	$-4.30452 + 9.26784I$	0
$b = 1.314000 - 0.089191I$		
$u = 0.08745 + 1.44566I$		
$a = 0.198476 + 0.968695I$	$5.30144 - 2.85258I$	0
$b = -0.218782 - 0.796710I$		
$u = 0.08745 - 1.44566I$		
$a = 0.198476 - 0.968695I$	$5.30144 + 2.85258I$	0
$b = -0.218782 + 0.796710I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.327818 + 0.441969I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.099545 + 0.451228I$	$-0.66813 - 1.43680I$	$-6.16617 + 3.83190I$
$b = 0.301109 + 0.375256I$		
$u = 0.327818 - 0.441969I$	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	
$a = -0.099545 - 0.451228I$	$-0.66813 + 1.43680I$	$-6.16617 - 3.83190I$
$b = 0.301109 - 0.375256I$		
$u = -0.11891 + 1.46792I$		
$a = 0.057526 + 0.678177I$	$1.87058 + 0.46637I$	0
$b = -0.137007 + 0.135778I$		
$u = -0.11891 - 1.46792I$		
$a = 0.057526 - 0.678177I$	$1.87058 - 0.46637I$	0
$b = -0.137007 - 0.135778I$		
$u = 0.13768 + 1.49636I$		
$a = -0.74996 + 1.34987I$	$7.38590 - 4.95511I$	0
$b = 0.498210 - 1.062710I$		
$u = 0.13768 - 1.49636I$		
$a = -0.74996 - 1.34987I$	$7.38590 + 4.95511I$	0
$b = 0.498210 + 1.062710I$		
$u = -0.100131 + 0.471351I$		
$a = 2.11220 - 3.32866I$	$-3.14756 + 1.44573I$	$-4.22503 - 4.02855I$
$b = -0.964049 + 0.377227I$		
$u = -0.100131 - 0.471351I$		
$a = 2.11220 + 3.32866I$	$-3.14756 - 1.44573I$	$-4.22503 + 4.02855I$
$b = -0.964049 - 0.377227I$		
$u = -0.20992 + 1.51115I$		
$a = -0.21381 + 1.85989I$	$5.30348 + 11.36100I$	0
$b = 1.164280 - 0.730065I$		
$u = -0.20992 - 1.51115I$		
$a = -0.21381 - 1.85989I$	$5.30348 - 11.36100I$	0
$b = 1.164280 + 0.730065I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = -0.362356 + 0.280081I$		
$a = -0.184823 + 0.658930I$	$-3.02034 + 3.80722I$	$-12.3901 - 12.2378I$
$b = 0.618686 - 0.922375I$		
$u = -0.362356 - 0.280081I$		
$a = -0.184823 - 0.658930I$	$-3.02034 - 3.80722I$	$-12.3901 + 12.2378I$
$b = 0.618686 + 0.922375I$		
$u = -0.455545$		
$a = 0.918271$	-5.21822	-21.4390
$b = 1.29804$		
$u = -0.12637 + 1.54084I$		
$a = -0.84741 - 1.23122I$	$9.93804 + 0.62946I$	0
$b = 0.664543 + 0.856677I$		
$u = -0.12637 - 1.54084I$		
$a = -0.84741 + 1.23122I$	$9.93804 - 0.62946I$	0
$b = 0.664543 - 0.856677I$		
$u = 0.19712 + 1.53432I$		
$a = -0.17189 - 1.88654I$	$8.81454 - 6.47340I$	0
$b = 1.026710 + 0.716217I$		
$u = 0.19712 - 1.53432I$		
$a = -0.17189 + 1.88654I$	$8.81454 + 6.47340I$	0
$b = 1.026710 - 0.716217I$		
$u = -0.27087 + 1.53581I$		
$a = 0.91848 + 1.15081I$	$2.96732 + 11.64670I$	0
$b = -0.528265 - 0.960828I$		
$u = -0.27087 - 1.53581I$		
$a = 0.91848 - 1.15081I$	$2.96732 - 11.64670I$	0
$b = -0.528265 + 0.960828I$		
$u = 0.28495 + 1.54061I$		
$a = 0.816840 - 0.991181I$	$7.24264 - 6.09297I$	0
$b = -0.614552 + 0.823078I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.28495 - 1.54061I$		
$a = 0.816840 + 0.991181I$	$7.24264 + 6.09297I$	0
$b = -0.614552 - 0.823078I$		
$u = -0.35868 + 1.53724I$		
$a = -0.07238 - 1.83005I$	$5.94783 + 11.76030I$	0
$b = -1.041090 + 0.690643I$		
$u = -0.35868 - 1.53724I$		
$a = -0.07238 + 1.83005I$	$5.94783 - 11.76030I$	0
$b = -1.041090 - 0.690643I$		
$u = 0.419234$		
$a = 1.19049$	-0.837454	-11.3960
$b = 0.448220$		
$u = 0.31347 + 1.55118I$		
$a = 0.04378 + 1.98364I$	$1.1030 - 17.7385I$	0
$b = -1.129830 - 0.708605I$		
$u = 0.31347 - 1.55118I$		
$a = 0.04378 - 1.98364I$	$1.1030 + 17.7385I$	0
$b = -1.129830 + 0.708605I$		
$u = -0.07791 + 1.59074I$		
$a = -0.60632 + 1.82194I$	$3.81494 + 2.23955I$	0
$b = 0.858650 - 0.560842I$		
$u = -0.07791 - 1.59074I$		
$a = -0.60632 - 1.82194I$	$3.81494 - 2.23955I$	0
$b = 0.858650 + 0.560842I$		
$u = 0.396844 + 0.087718I$		
$a = 0.682314 - 0.970412I$	$-4.83227 - 2.51063I$	$-22.5849 + 6.6629I$
$b = 1.179620 + 0.687311I$		
$u = 0.396844 - 0.087718I$		
$a = 0.682314 + 0.970412I$	$-4.83227 + 2.51063I$	$-22.5849 - 6.6629I$
$b = 1.179620 - 0.687311I$		

Solutions to I_1^u	$\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$	Cusp shape
$u = 0.59605 + 1.47867I$		
$a = -0.16897 + 1.46056I$	$2.62833 - 4.59705I$	0
$b = -0.905517 - 0.603390I$		
$u = 0.59605 - 1.47867I$		
$a = -0.16897 - 1.46056I$	$2.62833 + 4.59705I$	0
$b = -0.905517 + 0.603390I$		
$u = -0.44828 + 1.59412I$		
$a = 0.455290 + 0.803082I$	$3.05678 - 0.13018I$	0
$b = -0.769954 - 0.583754I$		
$u = -0.44828 - 1.59412I$		
$a = 0.455290 - 0.803082I$	$3.05678 + 0.13018I$	0
$b = -0.769954 + 0.583754I$		
$u = -0.248734 + 0.077419I$		
$a = -1.68658 - 13.39090I$	$-3.15248 - 2.07759I$	$-32.3205 - 12.9726I$
$b = -0.778966 - 0.491080I$		
$u = -0.248734 - 0.077419I$		
$a = -1.68658 + 13.39090I$	$-3.15248 + 2.07759I$	$-32.3205 + 12.9726I$
$b = -0.778966 + 0.491080I$		
$u = -0.05012 + 1.79536I$		
$a = -0.41783 + 1.36347I$	$3.71537 + 2.33713I$	0
$b = 0.843814 - 0.588669I$		
$u = -0.05012 - 1.79536I$		
$a = -0.41783 - 1.36347I$	$3.71537 - 2.33713I$	0
$b = 0.843814 + 0.588669I$		
$u = -0.195407 + 0.024903I$		
$a = 3.63408 + 5.14416I$	$-1.74724 + 2.04591I$	$-12.42551 - 2.83945I$
$b = 0.904589 - 0.529555I$		
$u = -0.195407 - 0.024903I$		
$a = 3.63408 - 5.14416I$	$-1.74724 - 2.04591I$	$-12.42551 + 2.83945I$
$b = 0.904589 + 0.529555I$		

II. u-Polynomials

Crossings	u-Polynomials at each crossing
c_1	$u^{90} + 35u^{89} + \cdots + 223u + 9$
c_2, c_6	$u^{90} - 3u^{89} + \cdots - 19u + 3$
c_3, c_4, c_9	$u^{90} + u^{89} + \cdots + 13u - 1$
c_5, c_{12}	$u^{90} - 3u^{89} + \cdots - 19u + 3$
c_7, c_{11}	$u^{90} + u^{89} + \cdots - 17u - 1$
c_8	$1089(1089u^{90} + 7095u^{89} + \cdots + 166909u - 7597)$
c_{10}	$1089(1089u^{90} + 5709u^{89} + \cdots + 497255u + 37873)$

III. Riley Polynomials

Crossings	Riley Polynomials at each crossing
c_1	$y^{90} + 41y^{89} + \cdots + 119237y + 81$
c_2, c_6	$y^{90} - 35y^{89} + \cdots - 223y + 9$
c_3, c_4, c_9	$y^{90} + 89y^{89} + \cdots - 83y + 1$
c_5, c_{12}	$y^{90} + 57y^{89} + \cdots + 65y + 9$
c_7, c_{11}	$y^{90} - 63y^{89} + \cdots - 275y + 1$
c_8	1185921 $\cdot (1185921y^{90} - 32124411y^{89} + \cdots - 5463038131y + 57714409)$
c_{10}	1185921 $\cdot (1185921y^{90} + 31046301y^{89} + \cdots - 127015229803y + 1434364129)$