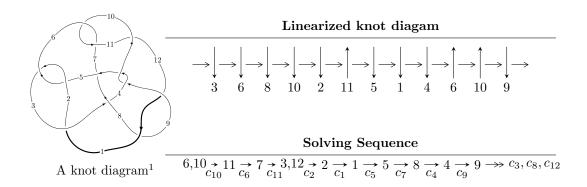
$12n_{0372} \ (K12n_{0372})$



Ideals for irreducible components² of X_{par}

$$I_1^u = \langle 1.42529 \times 10^{92} u^{36} + 8.72680 \times 10^{91} u^{35} + \dots + 1.49513 \times 10^{93} b + 2.35282 \times 10^{95},$$

$$-3.02051 \times 10^{94} u^{36} - 1.75541 \times 10^{94} u^{35} + \dots + 6.54608 \times 10^{94} a - 5.25852 \times 10^{97},$$

$$u^{37} - 30u^{35} + \dots + 4671u - 1007 \rangle$$

$$I_2^u = \langle 7u^{14} - 13u^{13} + \dots + b + 17, -13u^{15} + 34u^{14} + \dots + a + 20, u^{16} - 3u^{15} + \dots - 4u + 1 \rangle$$

* 2 irreducible components of $\dim_{\mathbb{C}} = 0$, with total 53 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.
$$I_1^u = \langle 1.43 \times 10^{92} u^{36} + 8.73 \times 10^{91} u^{35} + \cdots + 1.50 \times 10^{93} b + 2.35 \times 10^{95}, \ -3.02 \times 10^{94} u^{36} - 1.76 \times 10^{94} u^{35} + \cdots + 6.55 \times 10^{94} a - 5.26 \times 10^{97}, \ u^{37} - 30 u^{35} + \cdots + 4671 u - 1007 \rangle$$

(i) Arc colorings

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

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

$$a_{11} = \begin{pmatrix} 1 \\ -u^{2} \end{pmatrix}$$

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

$$a_{3} = \begin{pmatrix} 0.461422u^{36} + 0.268162u^{35} + \dots - 2340.32u + 803.308 \\ -0.0953284u^{36} - 0.0583680u^{35} + \dots + 476.203u - 157.365 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} -u^{2} + 1 \\ -u^{2} \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} 0.461422u^{36} + 0.268162u^{35} + \dots - 2340.32u + 803.308 \\ -0.250593u^{36} - 0.148286u^{35} + \dots + 1264.14u - 427.405 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} 0.0803873u^{36} + 0.0415081u^{35} + \dots - 433.347u + 161.373 \\ -0.176241u^{36} - 0.103850u^{35} + \dots + 897.957u - 302.093 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} 0.0247048u^{36} - 0.00822526u^{35} + \dots + 139.528u - 59.8522 \\ 0.304235u^{36} + 0.170592u^{35} + \dots - 1563.50u + 546.853 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} 0.326831u^{36} + 0.178171u^{35} + \dots - 1699.82u + 603.957 \\ -0.293525u^{36} - 0.170056u^{35} + \dots + 1484.90u - 508.106 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} 0.279530u^{36} + 0.162367u^{35} + \dots - 1423.97u + 487.001 \\ 0.304235u^{36} + 0.170592u^{35} + \dots - 1563.50u + 546.853 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 0.325873u^{36} - 0.178662u^{35} + \dots + 1668.53u - 591.318 \\ 0.169109u^{36} + 0.102532u^{35} + \dots - 850.133u + 281.907 \end{pmatrix}$$

- (ii) Obstruction class = -1
- (iii) Cusp Shapes = $1.65322u^{36} + 0.965871u^{35} + \cdots 8351.56u + 2824.79$

(iv) u-Polynomials at the component

| Crossings | u-Polynomials at each crossing |
|-----------------|---|
| c_1 | $u^{37} + 7u^{36} + \dots + 33u + 1$ |
| c_{2}, c_{5} | $u^{37} + u^{36} + \dots - 5u + 1$ |
| c_3 | $u^{37} + u^{36} + \dots - 23u - 5$ |
| c_4, c_9 | $u^{37} + 3u^{35} + \dots - 294u - 229$ |
| c_6, c_{10} | $u^{37} - 30u^{35} + \dots + 4671u + 1007$ |
| | $u^{37} - 7u^{36} + \dots - 207584u - 176401$ |
| c_{8}, c_{12} | $u^{37} - 6u^{36} + \dots + 3u + 1$ |
| c_{11} | $u^{37} - 60u^{36} + \dots + 36901087u - 1014049$ |

(v) Riley Polynomials at the component

| Crossings | Riley Polynomials at each crossing |
|---------------|---|
| c_1 | $y^{37} + 53y^{36} + \dots + 369y - 1$ |
| c_2, c_5 | $y^{37} - 7y^{36} + \dots + 33y - 1$ |
| c_3 | $y^{37} + 3y^{36} + \dots - 131y - 25$ |
| c_4, c_9 | $y^{37} + 6y^{36} + \dots + 6744y - 52441$ |
| c_6, c_{10} | $y^{37} - 60y^{36} + \dots + 36901087y - 1014049$ |
| c_7 | $y^{37} + 101y^{36} + \dots - 38906418180y - 31117312801$ |
| c_8, c_{12} | $y^{37} + 36y^{36} + \dots + 119y - 1$ |
| c_{11} | $y^{37} - 168y^{36} + \dots + 147226173534695y - 1028295374401$ |

(vi) Complex Volumes and Cusp Shapes

| Solutions to I_1^u | $\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$ | Cusp shape |
|---------------------------|---------------------------------------|----------------------|
| u = -0.840205 + 0.666551I | | |
| a = 0.340962 + 0.304853I | 1.03398 - 2.73157I | -7.05651 + 1.27102I |
| b = -0.13217 + 1.48071I | | |
| u = -0.840205 - 0.666551I | | |
| a = 0.340962 - 0.304853I | 1.03398 + 2.73157I | -7.05651 - 1.27102I |
| b = -0.13217 - 1.48071I | | |
| u = -0.853829 + 0.359843I | | |
| a = 0.495942 + 0.786208I | 1.45153 - 1.91917I | -1.09958 + 4.16671I |
| b = -0.204005 + 0.651770I | | |
| u = -0.853829 - 0.359843I | | |
| a = 0.495942 - 0.786208I | 1.45153 + 1.91917I | -1.09958 - 4.16671I |
| b = -0.204005 - 0.651770I | | |
| u = 0.755908 + 0.512680I | | |
| a = 0.866716 + 0.077393I | -1.45991 - 0.04960I | -8.67591 + 0.36054I |
| b = 0.149283 + 0.157106I | | |
| u = 0.755908 - 0.512680I | | |
| a = 0.866716 - 0.077393I | -1.45991 + 0.04960I | -8.67591 - 0.36054I |
| b = 0.149283 - 0.157106I | | |
| u = 0.979984 + 0.597364I | | |
| a = 0.036606 + 1.010950I | 6.29690 - 0.93807I | 0 |
| b = -0.161070 + 1.162890I | | |
| u = 0.979984 - 0.597364I | | |
| a = 0.036606 - 1.010950I | 6.29690 + 0.93807I | 0 |
| b = -0.161070 - 1.162890I | | |
| u = 0.622379 + 0.534957I | | |
| a = 0.294972 - 1.294270I | -1.91889 + 4.49439I | -10.27196 - 6.08209I |
| b = -0.219235 - 1.224940I | | |
| u = 0.622379 - 0.534957I | | |
| a = 0.294972 + 1.294270I | -1.91889 - 4.49439I | -10.27196 + 6.08209I |
| b = -0.219235 + 1.224940I | | |

| Solutions to I_1^u | $\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$ | Cusp shape |
|---------------------------|---------------------------------------|---------------------|
| u = -0.139275 + 1.174200I | | |
| a = -0.196370 + 0.643239I | 0.20567 - 4.24321I | -9.32033 + 9.54688I |
| b = -0.451126 + 0.096722I | | |
| u = -0.139275 - 1.174200I | | |
| a = -0.196370 - 0.643239I | 0.20567 + 4.24321I | -9.32033 - 9.54688I |
| b = -0.451126 - 0.096722I | | |
| u = 1.180350 + 0.222094I | | |
| a = -1.046310 - 0.346221I | 4.21160 - 7.05862I | 0. + 5.66738I |
| b = 0.263695 - 0.674015I | | |
| u = 1.180350 - 0.222094I | | |
| a = -1.046310 + 0.346221I | 4.21160 + 7.05862I | 0 5.66738I |
| b = 0.263695 + 0.674015I | | |
| u = 0.574255 | | |
| a = -1.63784 | -5.56665 | -18.9790 |
| b = 1.42181 | | |
| u = 0.553337 + 0.058859I | | |
| a = 1.76805 - 0.36536I | -0.707444 - 0.027731I | -6.69727 - 0.68732I |
| b = 0.540750 + 0.394902I | | |
| u = 0.553337 - 0.058859I | | |
| a = 1.76805 + 0.36536I | -0.707444 + 0.027731I | -6.69727 + 0.68732I |
| b = 0.540750 - 0.394902I | | |
| u = 1.45175 | | |
| a = -0.159754 | -2.82767 | 0 |
| b = -0.988768 | | |
| u = -1.28637 + 0.72968I | | |
| a = -0.771385 + 0.037127I | 4.33297 + 0.28642I | 0 |
| b = 1.24761 + 0.99067I | | |
| u = -1.28637 - 0.72968I | | |
| a = -0.771385 - 0.037127I | 4.33297 - 0.28642I | 0 |
| b = 1.24761 - 0.99067I | | |

| Solutions to I_1^u | $\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$ | Cusp shape |
|---------------------------|---------------------------------------|--------------------|
| u = 0.404870 | | |
| a = 1.84305 | -0.970503 | -10.8270 |
| b = 0.402148 | | |
| u = -0.383604 + 0.036914I | | |
| a = -0.83236 + 1.46023I | 2.16124 + 2.73535I | 0.44906 - 2.49340I |
| b = -1.274340 - 0.220333I | | |
| u = -0.383604 - 0.036914I | | |
| a = -0.83236 - 1.46023I | 2.16124 - 2.73535I | 0.44906 + 2.49340I |
| b = -1.274340 + 0.220333I | | |
| u = 1.73463 + 0.14709I | | |
| a = -0.525150 + 0.634018I | 10.27330 + 3.72558I | 0 |
| b = -0.43949 + 2.05393I | | |
| u = 1.73463 - 0.14709I | | |
| a = -0.525150 - 0.634018I | 10.27330 - 3.72558I | 0 |
| b = -0.43949 - 2.05393I | | |
| u = -1.41128 + 1.17849I | | |
| a = -0.012841 - 0.584996I | 5.31029 - 5.07857I | 0 |
| b = -0.98850 - 1.17013I | | |
| u = -1.41128 - 1.17849I | | |
| a = -0.012841 + 0.584996I | 5.31029 + 5.07857I | 0 |
| b = -0.98850 + 1.17013I | | |
| u = -1.89476 + 0.47022I | | |
| a = 0.403115 + 0.592404I | 15.7367 - 4.5260I | 0 |
| b = 0.19279 + 2.49482I | | |
| u = -1.89476 - 0.47022I | | |
| a = 0.403115 - 0.592404I | 15.7367 + 4.5260I | 0 |
| b = 0.19279 - 2.49482I | | |
| u = -2.10823 + 0.28878I | | |
| a = 0.490821 - 0.416004I | 16.1759 + 2.6224I | 0 |
| b = 0.36444 - 1.90539I | | |

| Solutions to I_1^u | $\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$ | Cusp shape |
|---------------------------|---------------------------------------|------------|
| u = -2.10823 - 0.28878I | | |
| a = 0.490821 + 0.416004I | 16.1759 - 2.6224I | 0 |
| b = 0.36444 + 1.90539I | | |
| u = 2.07718 + 0.48138I | | |
| a = 0.388719 - 0.539166I | 16.2225 + 13.1708I | 0 |
| b = 0.41767 - 2.54262I | | |
| u = 2.07718 - 0.48138I | | |
| a = 0.388719 + 0.539166I | 16.2225 - 13.1708I | 0 |
| b = 0.41767 + 2.54262I | | |
| u = 2.12794 + 0.24863I | | |
| a = 0.473392 + 0.439822I | 16.8105 + 5.9256I | 0 |
| b = 0.25295 + 2.11779I | | |
| u = 2.12794 - 0.24863I | | |
| a = 0.473392 - 0.439822I | 16.8105 - 5.9256I | 0 |
| b = 0.25295 - 2.11779I | | |
| u = -2.32958 + 0.16455I | | |
| a = -0.370401 - 0.408307I | 9.70907 - 3.28908I | 0 |
| b = -0.47684 - 2.69279I | | |
| u = -2.32958 - 0.16455I | | |
| a = -0.370401 + 0.408307I | 9.70907 + 3.28908I | 0 |
| b = -0.47684 + 2.69279I | | |

II.
$$I_2^u = \langle 7u^{14} - 13u^{13} + \dots + b + 17, -13u^{15} + 34u^{14} + \dots + a + 20, u^{16} - 3u^{15} + \dots - 4u + 1 \rangle$$

(i) Arc colorings

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

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

$$a_{11} = \begin{pmatrix} 1 \\ -u^{2} \end{pmatrix}$$

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

$$a_{3} = \begin{pmatrix} 13u^{15} - 34u^{14} + \dots + 60u - 20 \\ -7u^{14} + 13u^{13} + \dots + 30u - 17 \end{pmatrix}$$

$$a_{12} = \begin{pmatrix} -u^{2} + 1 \\ -u^{2} \end{pmatrix}$$

$$a_{2} = \begin{pmatrix} 13u^{15} - 34u^{14} + \dots + 60u - 20 \\ u^{15} - 6u^{14} + \dots + 23u - 12 \end{pmatrix}$$

$$a_{1} = \begin{pmatrix} -10u^{15} + 23u^{14} + \dots - 39u + 7 \\ -u^{15} + 3u^{14} + \dots - 5u + 3 \end{pmatrix}$$

$$a_{5} = \begin{pmatrix} -24u^{15} + 60u^{14} + \dots - 100u + 30 \\ 2u^{15} - u^{14} + \dots - 7u + 7 \end{pmatrix}$$

$$a_{8} = \begin{pmatrix} 8u^{15} - 14u^{14} + \dots + 12u + 8 \\ 3u^{15} - 8u^{14} + \dots + 20u - 7 \end{pmatrix}$$

$$a_{4} = \begin{pmatrix} -22u^{15} + 59u^{14} + \dots - 107u + 37 \\ 2u^{15} - u^{14} + \dots - 7u + 7 \end{pmatrix}$$

$$a_{9} = \begin{pmatrix} 8u^{15} - 21u^{14} + \dots + 38u - 13 \\ u - 1 \end{pmatrix}$$

(ii) Obstruction class = 1

(iii) Cusp Shapes =
$$-41u^{15} + 105u^{14} + 175u^{13} - 551u^{12} - 232u^{11} + 1198u^{10} - 68u^9 - 1621u^8 + 634u^7 + 1274u^6 - 884u^5 - 529u^4 + 597u^3 + 18u^2 - 195u + 58$$

(iv) u-Polynomials at the component

| Crossings | u-Polynomials at each crossing |
|-----------|---------------------------------------|
| c_1 | $u^{16} - 6u^{15} + \dots - 10u + 1$ |
| c_2 | $u^{16} - 3u^{14} + \dots - 5u^2 + 1$ |
| c_3 | $u^{16} - 2u^{14} + \dots + 2u - 1$ |
| c_4 | $u^{16} - u^{15} + \dots - u - 1$ |
| c_5 | $u^{16} - 3u^{14} + \dots - 5u^2 + 1$ |
| c_6 | $u^{16} + 3u^{15} + \dots + 4u + 1$ |
| c_7 | $u^{16} + 5u^{14} + \dots - 9u - 1$ |
| c_8 | $u^{16} - u^{15} + \dots - 8u - 1$ |
| c_9 | $u^{16} + u^{15} + \dots + u - 1$ |
| c_{10} | $u^{16} - 3u^{15} + \dots - 4u + 1$ |
| c_{11} | $u^{16} - 15u^{15} + \dots - 8u + 1$ |
| c_{12} | $u^{16} + u^{15} + \dots + 8u - 1$ |

(v) Riley Polynomials at the component

| Crossings | Riley Polynomials at each crossing |
|---------------|---------------------------------------|
| c_1 | $y^{16} + 14y^{15} + \dots - 6y + 1$ |
| c_2, c_5 | $y^{16} - 6y^{15} + \dots - 10y + 1$ |
| c_3 | $y^{16} - 4y^{15} + \dots + 10y + 1$ |
| c_4, c_9 | $y^{16} - 13y^{15} + \dots - 9y + 1$ |
| c_6, c_{10} | $y^{16} - 15y^{15} + \dots - 8y + 1$ |
| | $y^{16} + 10y^{15} + \dots + 11y + 1$ |
| c_8, c_{12} | $y^{16} + 9y^{15} + \dots - 88y + 1$ |
| c_{11} | $y^{16} - 31y^{15} + \dots + 20y + 1$ |

(vi) Complex Volumes and Cusp Shapes

| Solutions to I_2^u | $\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$ | Cusp shape |
|---------------------------|---------------------------------------|---------------------|
| u = 0.708860 + 0.704443I | | |
| a = 0.196590 - 0.655681I | 1.20037 + 3.52175I | -4.53497 - 9.11963I |
| b = -1.03433 - 1.08957I | | |
| u = 0.708860 - 0.704443I | | |
| a = 0.196590 + 0.655681I | 1.20037 - 3.52175I | -4.53497 + 9.11963I |
| b = -1.03433 + 1.08957I | | |
| u = -0.950066 | | |
| a = 0.979926 | -4.89306 | -6.14970 |
| b = -1.63593 | | |
| u = -0.840814 + 0.418418I | | |
| a = -0.583883 - 1.131830I | -0.53914 - 4.66397I | -3.81832 + 4.87682I |
| b = 0.09781 - 1.66739I | | |
| u = -0.840814 - 0.418418I | | |
| a = -0.583883 + 1.131830I | -0.53914 + 4.66397I | -3.81832 - 4.87682I |
| b = 0.09781 + 1.66739I | | |
| u = 0.844267 + 0.334993I | | |
| a = 1.174390 - 0.186478I | -0.583413 + 1.042030I | -4.30767 - 6.39777I |
| b = 0.377070 + 0.021427I | | |
| u = 0.844267 - 0.334993I | | |
| a = 1.174390 + 0.186478I | -0.583413 - 1.042030I | -4.30767 + 6.39777I |
| b = 0.377070 - 0.021427I | | |
| u = -0.982942 + 0.541373I | | |
| a = -0.920141 + 0.267122I | 0.100312 + 0.914322I | -3.55487 - 1.69871I |
| b = -0.392078 + 0.640196I | | |
| u = -0.982942 - 0.541373I | | |
| a = -0.920141 - 0.267122I | 0.100312 - 0.914322I | -3.55487 + 1.69871I |
| b = -0.392078 - 0.640196I | | |
| u = 0.498706 + 0.460819I | | |
| a = -1.46137 + 0.05858I | 2.66837 + 1.50137I | -3.18048 - 1.01850I |
| b = 0.99657 - 1.37404I | | |

| Solutions to I_2^u | $\sqrt{-1}(\text{vol} + \sqrt{-1}CS)$ | Cusp shape |
|---------------------------|---------------------------------------|---------------------|
| u = 0.498706 - 0.460819I | | |
| a = -1.46137 - 0.05858I | 2.66837 - 1.50137I | -3.18048 + 1.01850I |
| b = 0.99657 + 1.37404I | | |
| u = 0.523977 + 0.369468I | | |
| a = -0.64585 + 1.67216I | 2.03016 + 6.51826I | -5.41677 - 6.68837I |
| b = -1.188670 + 0.328805I | | |
| u = 0.523977 - 0.369468I | | |
| a = -0.64585 - 1.67216I | 2.03016 - 6.51826I | -5.41677 + 6.68837I |
| b = -1.188670 - 0.328805I | | |
| u = -1.52435 | | |
| a = 0.344430 | -3.18638 | -21.1730 |
| b = 0.923126 | | |
| u = 1.98515 + 0.20040I | | |
| a = -0.421911 + 0.508878I | 9.03267 + 3.39525I | -7.02573 - 2.85779I |
| b = -0.49997 + 2.32848I | | |
| u = 1.98515 - 0.20040I | | |
| a = -0.421911 - 0.508878I | 9.03267 - 3.39525I | -7.02573 + 2.85779I |
| b = -0.49997 - 2.32848I | | |

III. u-Polynomials

| Crossings | u-Polynomials at each crossing |
|-----------|--|
| c_1 | $ (u^{16} - 6u^{15} + \dots - 10u + 1)(u^{37} + 7u^{36} + \dots + 33u + 1) $ |
| c_2 | $(u^{16} - 3u^{14} + \dots - 5u^2 + 1)(u^{37} + u^{36} + \dots - 5u + 1)$ |
| c_3 | $(u^{16} - 2u^{14} + \dots + 2u - 1)(u^{37} + u^{36} + \dots - 23u - 5)$ |
| c_4 | $(u^{16} - u^{15} + \dots - u - 1)(u^{37} + 3u^{35} + \dots - 294u - 229)$ |
| c_5 | $(u^{16} - 3u^{14} + \dots - 5u^2 + 1)(u^{37} + u^{36} + \dots - 5u + 1)$ |
| c_6 | $(u^{16} + 3u^{15} + \dots + 4u + 1)(u^{37} - 30u^{35} + \dots + 4671u + 1007)$ |
| c_7 | $(u^{16} + 5u^{14} + \dots - 9u - 1)(u^{37} - 7u^{36} + \dots - 207584u - 176401)$ |
| c_8 | $(u^{16} - u^{15} + \dots - 8u - 1)(u^{37} - 6u^{36} + \dots + 3u + 1)$ |
| c_9 | $(u^{16} + u^{15} + \dots + u - 1)(u^{37} + 3u^{35} + \dots - 294u - 229)$ |
| c_{10} | $(u^{16} - 3u^{15} + \dots - 4u + 1)(u^{37} - 30u^{35} + \dots + 4671u + 1007)$ |
| c_{11} | $(u^{16} - 15u^{15} + \dots - 8u + 1)$ $\cdot (u^{37} - 60u^{36} + \dots + 36901087u - 1014049)$ |
| c_{12} | $(u^{16} + u^{15} + \dots + 8u - 1)(u^{37} - 6u^{36} + \dots + 3u + 1)$ 16 |

IV. Riley Polynomials

| Crossings | Riley Polynomials at each crossing |
|---------------|---|
| c_1 | $ (y^{16} + 14y^{15} + \dots - 6y + 1)(y^{37} + 53y^{36} + \dots + 369y - 1) $ |
| c_2,c_5 | $(y^{16} - 6y^{15} + \dots - 10y + 1)(y^{37} - 7y^{36} + \dots + 33y - 1)$ |
| c_3 | $ (y^{16} - 4y^{15} + \dots + 10y + 1)(y^{37} + 3y^{36} + \dots - 131y - 25) $ |
| c_4, c_9 | $(y^{16} - 13y^{15} + \dots - 9y + 1)(y^{37} + 6y^{36} + \dots + 6744y - 52441)$ |
| c_6, c_{10} | $(y^{16} - 15y^{15} + \dots - 8y + 1)$ $\cdot (y^{37} - 60y^{36} + \dots + 36901087y - 1014049)$ |
| c_7 | $(y^{16} + 10y^{15} + \dots + 11y + 1)$ $\cdot (y^{37} + 101y^{36} + \dots - 38906418180y - 31117312801)$ |
| c_8, c_{12} | $(y^{16} + 9y^{15} + \dots - 88y + 1)(y^{37} + 36y^{36} + \dots + 119y - 1)$ |
| c_{11} | $(y^{16} - 31y^{15} + \dots + 20y + 1)$ $\cdot (y^{37} - 168y^{36} + \dots + 147226173534695y - 1028295374401)$ |