

```

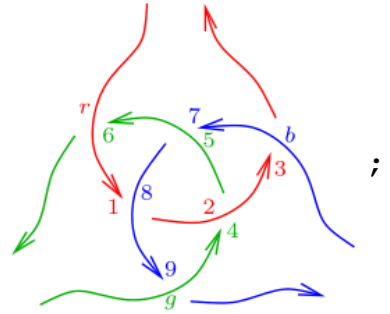
Rs[a_, b_] := Es[<a → LS[0], b → LS[LW@a]>, CWS[0]];
iRs[a_, b_] := Es[<a → LS[0], b → -LS[LW@a]>, CWS[0]];
ξ = iRs[r, 6] Rs[2, 4] iRs[g, 9] Rs[5, 7] iRs[b, 3] Rs[8, 1];

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Do[ξ = ξ // dm[r, k, r], {k, 1, 3}];
Do[ξ = ξ // dm[g, k, g], {k, 4, 6}];
Do[ξ = ξ // dm[b, k, b], {k, 7, 9}];
{ξ[[1]]_r@{5}, ξ[[2]]_g@{5}} // Print

```



$$\left\{ \text{LS} \left[0, \overline{bg}, \frac{1}{2} \overline{bbg} + \overline{bgr} + \frac{1}{2} \overline{bgg}, \right. \right. \\
\frac{1}{6} \overline{bbbg} + \frac{1}{2} \overline{bbgr} + \frac{1}{2} \overline{bggr} + \frac{1}{4} \overline{bbgg} + \frac{1}{2} \overline{bgrr} + \frac{1}{6} \overline{bggg}, \\
\frac{1}{24} \overline{bbbbg} + \frac{1}{6} \overline{bbbgr} + \frac{1}{4} \overline{bbggr} + \frac{1}{12} \overline{bbbgg} + \\
\frac{1}{4} \overline{bbgrr} + \frac{1}{6} \overline{bgggr} + \frac{1}{4} \overline{bgrrr} - \overline{bbgr}g + \\
\frac{1}{12} \overline{bbggg} - 2 \overline{bbrrg} + \frac{1}{6} \overline{bgrrr} + \frac{1}{2} \overline{bgbgr} - \\
\left. \overline{bgbrg} - \frac{1}{12} \overline{bbg} \overline{bg} - \frac{1}{2} \overline{bgr} \overline{gr} + \frac{1}{24} \overline{bgg} \overline{gg}, \dots \right], \\
\text{CWS} \left[0, 2 \overline{bgr}, \overline{bbgr} - \overline{bgbr} + \overline{bggr} - \overline{bgrg} + \overline{bgrr} - \overline{brgr}, \frac{\overline{bbbg}}{3} - \right. \\
\frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2} - \frac{3 \overline{bbgr}}{2} + \frac{\overline{bgbr}}{2} - \frac{3 \overline{bbgr}}{2} + \frac{\overline{bbgr}}{3} - \\
\left. \frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2} - \frac{3 \overline{bbgr}}{2} + \frac{\overline{bbgr}}{3} + \frac{\overline{bbgr}}{2} - \frac{\overline{bbgr}}{2} + \frac{\overline{bbgr}}{2}, \dots \right] \}$$