

$$\begin{aligned}
\chi_{i^-}^{-1} \left(\begin{array}{c} \bullet^{i^+} \\ \vdots \\ \leftarrow \quad \quad \quad i^- \end{array} \right) &= \begin{array}{c} \bullet^{i^+} \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} \begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} + \frac{1}{3!} \sum_{\zeta \in S_3} \chi_{i^-}^{-1} \left(\begin{array}{c} \bullet^{i^+} \\ \vdots \\ \leftarrow \quad \quad \quad i^- \\ \boxed{\zeta} \end{array} \right) \\
&= \begin{array}{c} \bullet^{i^+} \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} \begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} - \frac{1}{3!} 2 \chi_{i^-}^{-1} \left(\begin{array}{c} \bullet^{i^+} \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} \right) = \begin{array}{c} \bullet^{i^+} \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} \begin{array}{c} \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array} + \frac{1}{6} \begin{array}{c} \bullet^{i^+} \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ \bullet \\ \vdots \\ i^- \end{array}
\end{aligned}$$