

$$\sum_{\alpha,\beta,\gamma} \mathcal{R} \circ \left[\begin{array}{c} c \\ i \quad \beta \quad b \\ j \quad \alpha \quad a \\ k \end{array} \right] = \sum_{\alpha,\beta,\gamma} \left[\begin{array}{c} c \\ i \quad \alpha \quad b \\ j \quad \beta \quad a \\ k \end{array} \right] \circ \mathcal{R}$$