

$$\begin{array}{ccccc}
& & (m \otimes p) \otimes q \longmapsto r^{(i+j)k} q \otimes (m \otimes p) & & \\
& \nearrow & & \nwarrow & \\
m \otimes (p \otimes q) & & & & r^{(i+j)k} (p \otimes m) \otimes n \\
& \searrow & & \nearrow & = \\
& & r^{jk} m \otimes (q \otimes p) \longmapsto r^{jk} (m \otimes q) \otimes p & & r^{jk} (r^{ik} p \otimes m) \otimes n
\end{array}$$