

$$\begin{array}{ccccc}
& \bigoplus_p V_p^{yx} \otimes V_u^{pz} & \xrightarrow{F_u^{yxz}} & \bigoplus_q V_u^{yq} \otimes V_q^{xz} & \\
\nearrow \bigoplus_p R_p^{xy} \otimes \text{id}_{V_u^{pz}} & & & & \searrow \bigoplus_q \text{id}_{V_u^{yq}} \otimes R_q^{xz} \\
\bigoplus_p V_p^{xy} \otimes V_u^{pz} & & & & \bigoplus_q V_u^{yq} \otimes V_q^{zx} \\
& \searrow F_u^{xyz} & & & \nearrow F_u^{yzx} \\
& \bigoplus_r V_u^{xr} \otimes V_r^{yz} & \xrightarrow{\bigoplus_r (\text{id}_{V_r^{yz}} \otimes R_u^{xr}) \cdot \text{swap}} & \bigoplus_r V_r^{yz} \otimes V_u^{rx} &
\end{array}$$