

$$\begin{array}{ccc}
x_0 \otimes x_0 & x_0 \otimes (x_0 \otimes v) & (u \otimes x_0) \otimes x_0 \\
\begin{array}{c} \downarrow \downarrow \\ \rho_{x_0} \quad \lambda_{x_0} \end{array} & \begin{array}{c} \downarrow \downarrow \\ 1_{x_0} \otimes \lambda_v \quad \lambda_{(x_0 \otimes v)} \end{array} & \begin{array}{c} \downarrow \downarrow \\ \rho_u \otimes 1_{x_0} \quad \rho_{(u \otimes x_0)} \end{array} \\
x_0 & x_0 \otimes v & u \otimes x_0
\end{array}$$