

$$\mathrm{lu}_{\vec{v}}^{-1} \circ (\eta_{\vec{v}} \otimes \mathrm{Id}_{\vec{v}}) \circ \mathrm{as}_{\vec{v}, \vec{v}^*, \vec{v}} \circ (\mathrm{Id}_{\vec{v}} \otimes \epsilon_{\vec{v}}) \circ \mathrm{ru}_{\vec{v}} = \mathrm{Id}_{\vec{v}}$$