

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