

$$v_1 \dashv v^* \dashv v_* : \quad \mathbf{D}(J) \begin{array}{c} \xleftarrow{v_*} \\ \xrightarrow{v^*} \\ \xrightarrow{\quad} \\ \xleftarrow{v_1} \end{array} \mathbf{D}(I)$$