

$$\begin{array}{ccc}
 & X & \\
 \tau_i \swarrow & & \searrow \tau_j \\
 \mathrm{Hom}_{\mathcal{C}}(C, F_i) & \xrightarrow{u_*} & \mathrm{Hom}_{\mathcal{C}}(C, F_j)
 \end{array}$$