

$$\begin{array}{ccccc}
 X & \xrightarrow{u} & Y & \xrightarrow{v} & Z \\
 \downarrow & & \downarrow v & & \parallel \\
 0 & \longrightarrow & Z & \xlongequal{\quad} & Z \\
 \downarrow & & \downarrow w' & & \\
 X[1] & \xlongequal{\quad} & X[1] & & 
 \end{array}
 \qquad
 \begin{array}{ccc}
 \bullet & \xrightarrow{(w')^*} & \bullet \\
 (\mathrm{id}_Z)^* \downarrow & \text{反} & \downarrow 1_{X[1]} \\
 \bullet & \xrightarrow{w} & \bullet
 \end{array}$$