

$$\begin{array}{ccccccc}
X & \xrightarrow{\alpha} & Y & \longrightarrow & Z' & \longrightarrow & X[1] \\
\downarrow = & & \downarrow \beta & & \downarrow & & \downarrow = \\
X & \xrightarrow{\beta\alpha} & Z & \longrightarrow & Y' & \longrightarrow & X[1] \\
\downarrow & & \downarrow & & \downarrow & & \downarrow \\
0 & \longrightarrow & X' & \xrightarrow{=} & X' & \longrightarrow & 0 \\
\downarrow & & \downarrow & & \downarrow & & \downarrow \\
X[1] & \xrightarrow{\alpha[1]} & Y[1] & \longrightarrow & Z[1] & \longrightarrow & X[2]
\end{array}$$