

$$\begin{array}{ccccccc}
X & \xrightarrow{\begin{pmatrix} 1 \\ 0 \end{pmatrix}} & X \oplus C & \xrightarrow{(0,1)} & C & \xrightarrow{0} & \\
\parallel & \xleftarrow{(1,0)} & \downarrow (f,t) & & \downarrow s & & \\
X & \xrightarrow{f} & Y & \xrightarrow{g} & Z & \xrightarrow{\eta} & \\
\downarrow u & & \downarrow (f,t) & & & & \\
X' & \xleftarrow{\alpha} & Y & & & &
\end{array}$$