$$0 \longrightarrow A \xrightarrow{\varphi} B \xrightarrow{\psi} C \longrightarrow 0$$

$$
\begin{array}{ccccccccc}
0 & \longrightarrow & A & \xrightarrow{\varphi} & B & \xrightarrow{\psi} & C & \longrightarrow & 0 \\
& & \downarrow{\eta_1} & & \downarrow{\eta_2} & & \downarrow{\eta_3} & & \\
0 & \longrightarrow & A' & \xrightarrow{\varphi'} & B' & \xrightarrow{\psi'} & C' & \longrightarrow & 0
\end{array}
$$