

$$\begin{array}{ccccc}
 X & \xrightarrow{\quad \underline{f} \quad} & Y & \xrightarrow{\quad \underline{g} \quad} & Z \\
 \downarrow \underline{1_X} & & \downarrow \underline{\varphi} & & \downarrow \underline{1_Z} \\
 X & \xrightarrow{\quad \underline{f'} \quad} & Y' & \xrightarrow{\quad \underline{g'} \quad} & Z
 \end{array}$$