$$\begin{array}{ccc}
X_0 & \xrightarrow{f_0} & Y_0 & \xrightarrow{g_0} & Z_0 \\
\downarrow{\scriptstyle X} & & \downarrow{\scriptstyle Y} & & \downarrow{\scriptstyle Z} \\
X_1 & \xrightarrow{f_1} & Y_1 & \xrightarrow{g_1} & Z_1
\end{array}$$