$$
\begin{array}{ccc}
c_1 & \xleftarrow{\;f_1\;} & c_0 & \xrightarrow{\;f_2\;} & c_2 \\
\downarrow{\scriptstyle g_1} & & \downarrow{\scriptstyle g_0} & & \downarrow{\scriptstyle g_2} \\
c_1' & \xleftarrow{\;f_1'\;} & c_0' & \xrightarrow{\;f_2'\;} & c_2'
\end{array}
$$