

$$\begin{array}{ccccccc}
A^F & \xlongequal{\quad} & A^F & & & & \\
\downarrow & & \downarrow & & & & \\
C' & \hookrightarrow & A^C & \longrightarrow & C & \xrightarrow{\delta} & \\
\downarrow q & & \downarrow & & \parallel & & \\
X & \hookrightarrow & A & \longrightarrow & C & \xrightarrow{q_*\delta} &
\end{array}$$