

$$\begin{array}{ccccccc}
X & \xrightarrow{f} & Y & \xrightarrow{g} & Z & \xrightarrow{\delta_{r1}} & \\
\parallel & & \downarrow \alpha & \square & \downarrow r & & \\
X & \xrightarrow{p} & W & \xrightarrow{q} & M & \xrightarrow{\delta_{r2}} & \\
& & \downarrow \beta & & \downarrow s & & \\
& & K & \equiv & K & & \\
& & \downarrow \delta_{c1} & & \downarrow \delta_{c2} & &
\end{array}$$