

$$\begin{array}{ccccccc}
 & & & & & & X \\
 & & & & & \swarrow & \downarrow \\
 M & \xrightarrow{i} & C & \xleftarrow{\quad} & \text{cok}(i) & & P \\
 \parallel & & \downarrow & & \downarrow & \swarrow & \\
 M & \longrightarrow & M_C & \xleftarrow{\quad} & M_B & &
 \end{array}$$