

$$\begin{array}{ccccc}
 V & \xrightarrow{f} & W & \xrightarrow{g} & Z \\
 \Phi_B \downarrow & & \Phi_C \downarrow & & \Phi_D \downarrow \\
 K^n & \xrightarrow{\Phi_C^B(f)} & K^m & \xrightarrow{\Phi_D^C(g)} & K^p
 \end{array}$$