

$$\begin{array}{c}
 \mathbf{rep}_k(Q) \\
 \Downarrow C_i \\
 \mathbf{rep}_k(C_i Q)
 \end{array}
 \qquad
 \begin{array}{ccccc}
 & X_c & & & \\
 & \downarrow & & & \\
 X_a \longleftarrow & X_b & \xrightarrow{X_\alpha} & X_i & \xleftarrow{X_\gamma} X_d \\
 & & \xrightarrow{X_\beta} & & \\
 & X_c & & & \\
 & \downarrow & & & \\
 X_a \longleftarrow & X_b & \xleftarrow{p} & \ker \left[\bigoplus_{t(f)=1} X_{s(f)} \xrightarrow{\sum X_f} X_i \right] & \xrightarrow{p} X_d \\
 & & \xleftarrow{p} & &
 \end{array}$$