

$$\begin{array}{ccccccc}
A & \xrightarrow{x} & B & \xrightarrow{y} & C & \overset{\delta_{r1}}{\dashrightarrow} & \bullet \\
\parallel & & \downarrow a & & \downarrow r & & \downarrow \begin{smallmatrix} \square \\ \square \\ \square \\ \square \end{smallmatrix} \\
A & \xrightarrow{p} & D & \xrightarrow{q} & F & \overset{\delta_{r2}}{\dashrightarrow} & \bullet \\
& & \downarrow b & & \downarrow s & & \downarrow x_* \\
& & E & \xlongequal{\quad} & E & \overset{\delta_{c2}}{\dashrightarrow} & \bullet \\
& & \downarrow \delta_{c2} & & \downarrow \delta_{c3} & & \\
& & \bullet & \xrightarrow{y_* \delta_{c2}} & \bullet & &
\end{array}$$