

$$\begin{array}{ccccccc}
& c_1 & A_1 \rightharpoonup B_1 \longrightarrow \!\!\! \gg C_1 & \in \mathcal{S} \\
& \downarrow & \downarrow & \downarrow \\
\mathcal{F} \ni c_2 & A_2 \rightharpoonup B_2 \longrightarrow \!\!\! \gg C_2 & \in \mathcal{S} \\
& \downarrow & \downarrow & \downarrow \\
& c_3 & A_3 \rightharpoonup B_3 \longrightarrow \!\!\! \gg C_3 & \in \mathcal{S}
\end{array}$$