

$$\begin{array}{ccc}
 \overline{F}X & \xleftarrow{\overline{F}(f)} & \overline{F}Y \\
 \uparrow c & \sqsubseteq f & \uparrow d \\
 X & \xleftarrow{\quad} & Y \\
 \uparrow s & \sqsubseteq & \uparrow t \\
 & \xleftarrow{1} &
 \end{array}$$