

$$\begin{array}{ccccc}
 FX & \xrightarrow{\quad Fb \quad} & FR & \xrightarrow{\quad Fq \quad} & F\Omega \\
 \uparrow c & & \downarrow r & & \downarrow \sigma \\
 X & \xrightarrow{\quad b \quad} & R & \xrightarrow{\quad q \quad} & \Omega
 \end{array}$$

$\sqcup \quad \sqsubseteq$

$\curvearrowright [\mu\sigma]_c$