

$$\begin{array}{ccccccc}
(A, X) & \xrightarrow{p_*} & (A, Z) & \xrightarrow{\varepsilon!} & \mathbb{E}(A, K) & \longrightarrow & \bullet \\
\downarrow \delta! & & \downarrow \delta! & \searrow & \nearrow & \downarrow & \downarrow \\
& & & \text{im } \varepsilon! & & & \\
& & & \vdots & & & \\
\mathbb{E}(C, X) & \hookrightarrow & \mathbb{E}(C, Y) & \longrightarrow & \frac{\mathbb{E}(C, Y)}{\mathbb{E}(C, X)} \sqcup_{\text{im } \varepsilon!} \mathbb{E}(A, K) & \longrightarrow & \bullet \\
& & \searrow & \downarrow & \nearrow & & \\
& & & \frac{\mathbb{E}(C, Y)}{\mathbb{E}(C, X)} & & &
\end{array}$$