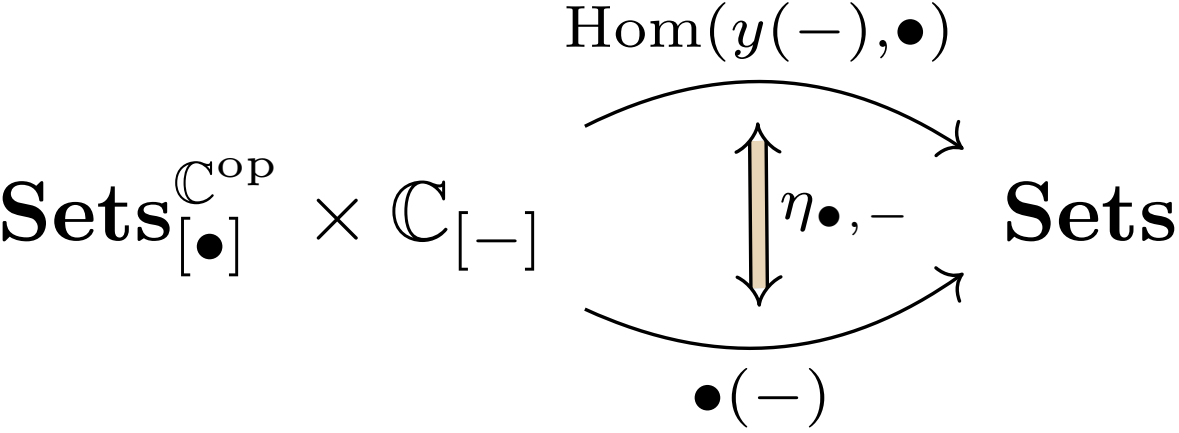

$$
\begin{array}{ccccc}
(F,C) & & \mathrm{Hom}(y(C),F) & \overset{\eta_{F,C}}{\longleftrightarrow} & F(C) \\
\Big\downarrow{\scriptstyle (\theta,h)} & & \Big\downarrow{\scriptstyle \mathrm{Hom}(y(h),\theta)} & & \Big\downarrow{\scriptstyle \theta(h)} \\
(G,D) & & \mathrm{Hom}(y(D),G) & \overset{\eta_{D,G}}{\longleftrightarrow} & G(D)
\end{array}
$$