

$$\begin{array}{ccc}
 f & \xrightarrow{\mathcal{D}} & \mathcal{D}(f) \\
 \tau \downarrow & & \uparrow -\tau \\
 f_\tau & \xrightarrow{\mathcal{D}} & \mathcal{D}(f_\tau)
 \end{array}$$