

/assets/images/ Test!

$$\begin{array}{ccc} F(X) & \xrightarrow{F(f)} & F(Y) \\ \eta_X \downarrow & & \downarrow \eta_Y \\ G(X) & \xrightarrow{G(f)} & G(Y) \cdot \\ \gamma_X \downarrow & & \downarrow \gamma_Y \\ H(X) & \xrightarrow{H(f)} & H(Y) \end{array} \quad (1)$$