

$$\begin{array}{ccccc}
 x & F(x) & \xrightarrow{\tau_x} & G(x) & \\
 \downarrow f & \downarrow F_f & & \downarrow G_f & \\
 y & F(y) & \xrightarrow{\tau_y} & G(y) &
 \end{array}$$