



$$\begin{array}{ccc}
 p_{\theta}(t) & \xrightarrow{\mathcal{F}} & P(\theta, U) \\
 f(x,y) & \xleftarrow{\mathcal{F}^{-1}} & \mathcal{F}\{f(x,y)\}
 \end{array}$$

$$\begin{array}{c}
 P(\theta, U) \\
 \downarrow \\
 \mathcal{F}\{f(x,y)\}
 \end{array}$$