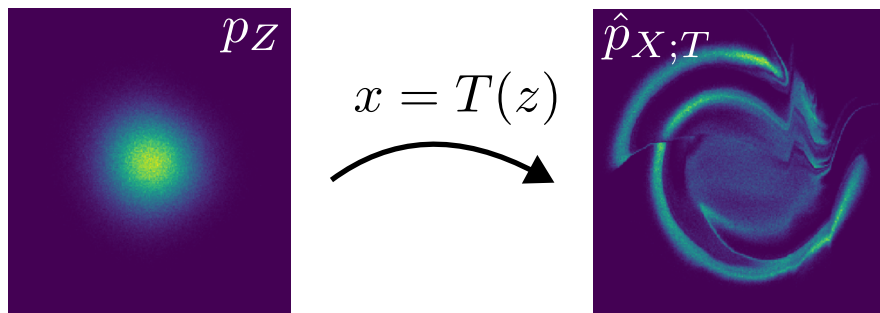


Normalizing Flows

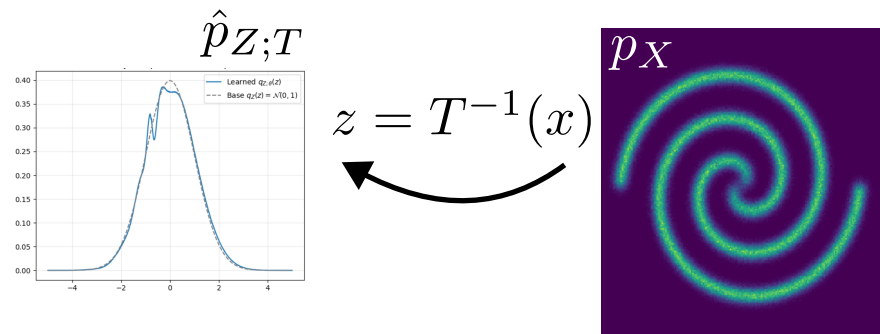


$$\hat{p}_{X;T} = p_Z(T^{-1}(z)) |\det J_{T^{-1}}(x)|$$

Requires known T^{-1}

Can compute \hat{p}_X for arbitrary x samples

Reparametrization



$$\hat{p}_{Z;T} = p_X(T(z)) |\det J_T(z)|^{-1}$$

Does not require explicit T^{-1}

Force T to be bijective through regularization

\hat{p}_X can only be evaluated when sampling

$$\hat{p}_X(T(z)) = p_Z(z) \cdot |\det J_T(z)|^{-1}$$