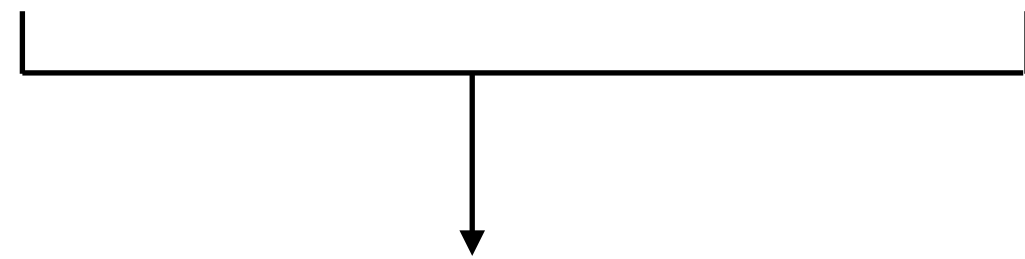# Training Normalizing Flows

Density evaluation and training is based on change of variable formula

$$p_X(\mathbf{x}) = p_Z(T_\theta(\mathbf{x})) \left| \det \frac{\partial T_\theta(\mathbf{x})}{\partial \mathbf{x}} \right|$$

Training Normalizing Flows

Density evaluation and training is based on change of variable formula

$$p_{\mathbf{x}}(\mathbf{x} = \;\;)$$

Impossible to
calculate!