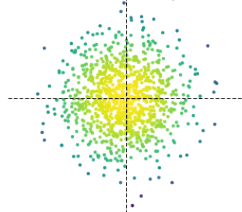


$$z_0 \sim q_0(z_0)$$



$$\arg \max_{q_\theta \in Q} H(q_\theta(z))$$

$$\text{s.t. } E_{z \sim q_\theta(z)} [f_{p,T}(z)] = \mu$$

$$f_\theta(z_0)$$

Depends on choice of
model $p(x|z)$ - e.g. **2D linear system**
behavior $T(x)$ - e.g. **band of oscillations**

$$f_{p,T}(z)$$

$$z \sim q_\theta(z)$$

characterize model
behavior

$$E_{x \sim p(x|z)} [T(x)]$$

$$\text{e.g. } z = \begin{bmatrix} a_1 \\ a_2 \\ a_3 \\ a_4 \end{bmatrix}$$

$$\text{e.g. } E_{p(x|z)} [T(x)] = \begin{bmatrix} \text{real}(\lambda_1) \\ \frac{\text{imag}(\lambda_1)}{2\pi} \\ \text{real}(\lambda_1)^2 \\ \frac{\text{imag}(\lambda_1)^2}{2\pi} \end{bmatrix}$$

