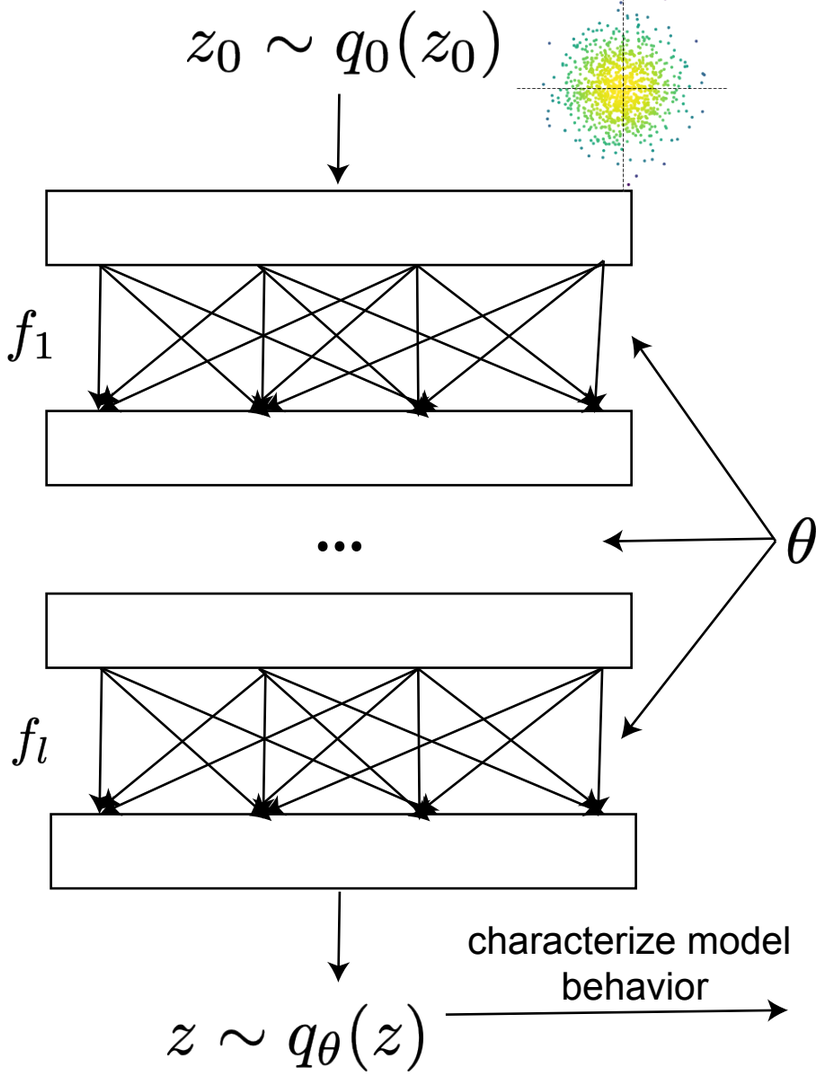


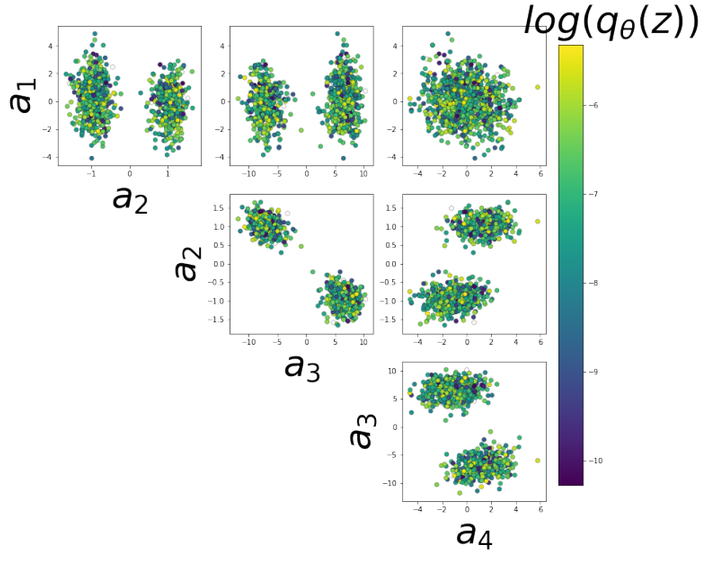
$$\arg\max_{q_\theta \in Q} H(q_\theta(z))$$

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

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

$$f_{p,T}(z) = E_{x\sim p(x|z)}\left[T(x)\right]$$

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



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