Database Generation
Curiosity Driven Exploration

- State : Mechanism State
- Action : Change in Linkage Parameters
- Reward Model : Auto Encoder Reconstruction Loss

$$Q(X) = z \qquad G(z) = \hat{X}$$

Encoder Decoder

$$r = -\frac{1}{(G(Q(X_t)) - X_t)^2}$$

Reward for reaching State X_t

Database Generation with Curiosity Driven Exploration

- Deep Deterministic Policy Gradients (DDPG)