Oracle Space Latent Space Motion Attractor Class Motion Goal EE Position Bijective Encoder \boldsymbol{x} Latent Position z $\psi_k(\cdot)$ \dot{z}/\ddot{z} -0000 \mathbf{z}_{k-1}^a \mathbf{z}_k^a Low-Level $\exp(\mathbf{s}_k(\cdot))$ Action/Torque Latent Goal z^* Controller 0000 0000 **>**0000 \mathbf{z}_{k-1}^{b} Latent Dynamics \dot{x}/\ddot{x} Velocity/Acceleration Latent Velocity/Acceleration Configuration Motion Conditioning