# Case Study: TD-MPC2

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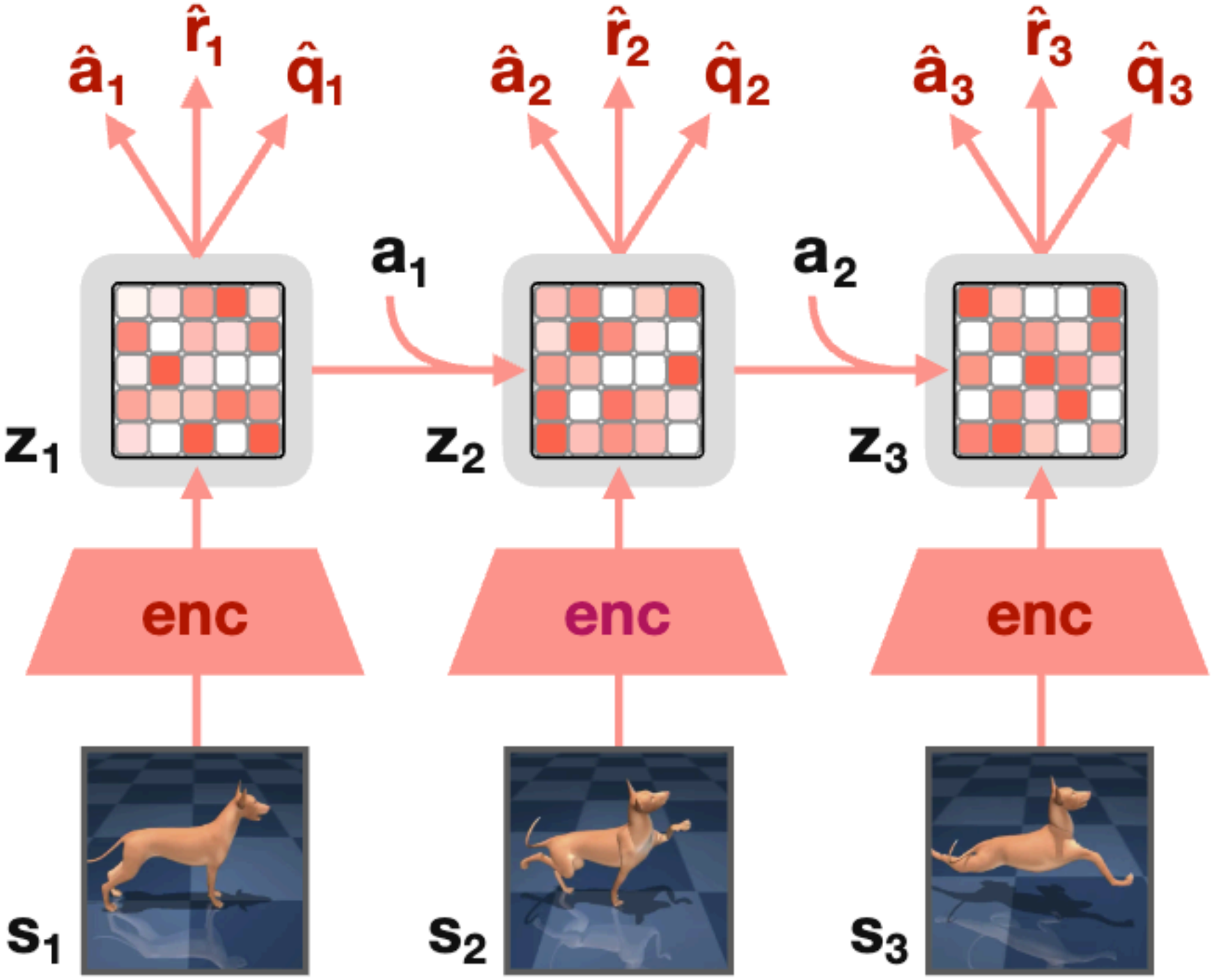
Hansen et al. (2024). TD-MPC2: Robust, Scalable World Models for Continuous Control. ICLR.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# Latent dynamics

No decoder

Actor $\pi_\theta(z)$ & critic $Q_\theta(z, a)$ in latent space

# Decision-time planning

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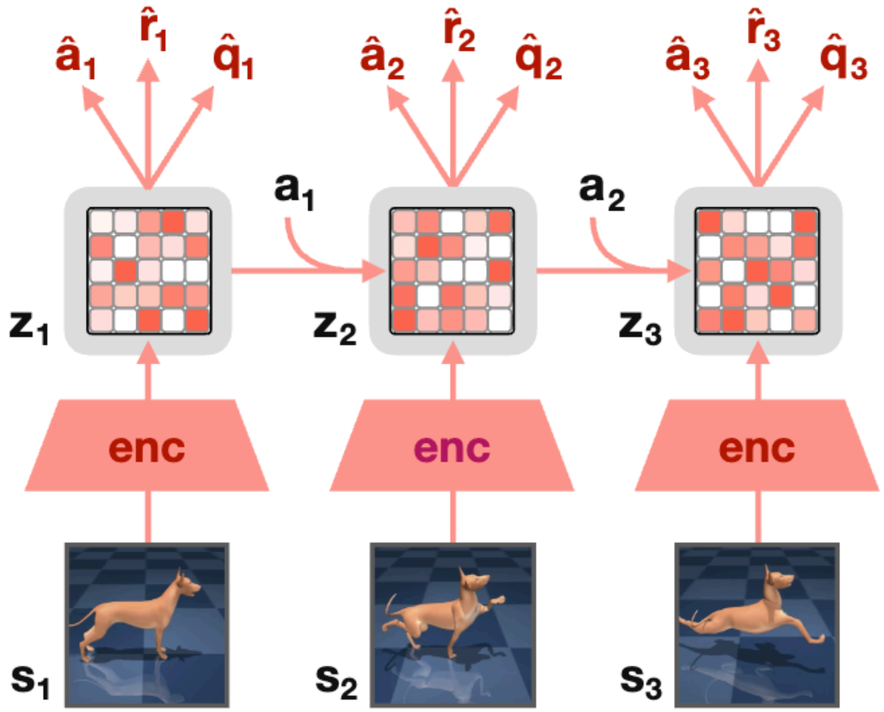



Latent dynamics

No decoder

Actor $\pi_\theta(z)$ & critic $Q_\theta(z, a)$ in latent space

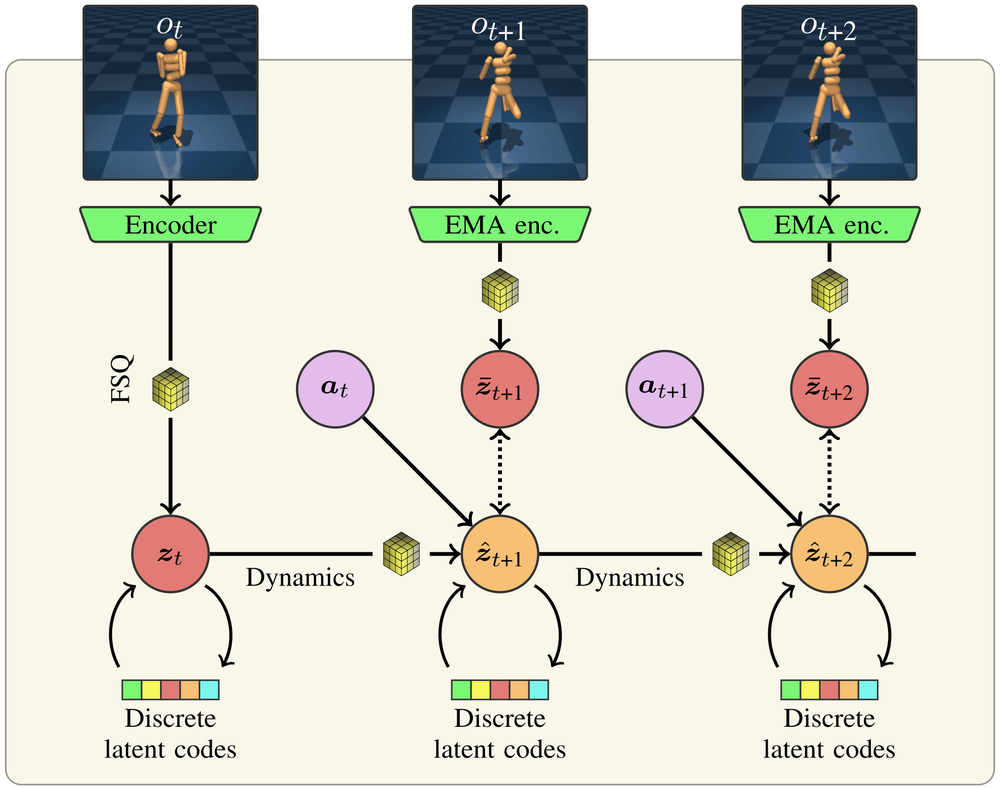
Decision-time planning

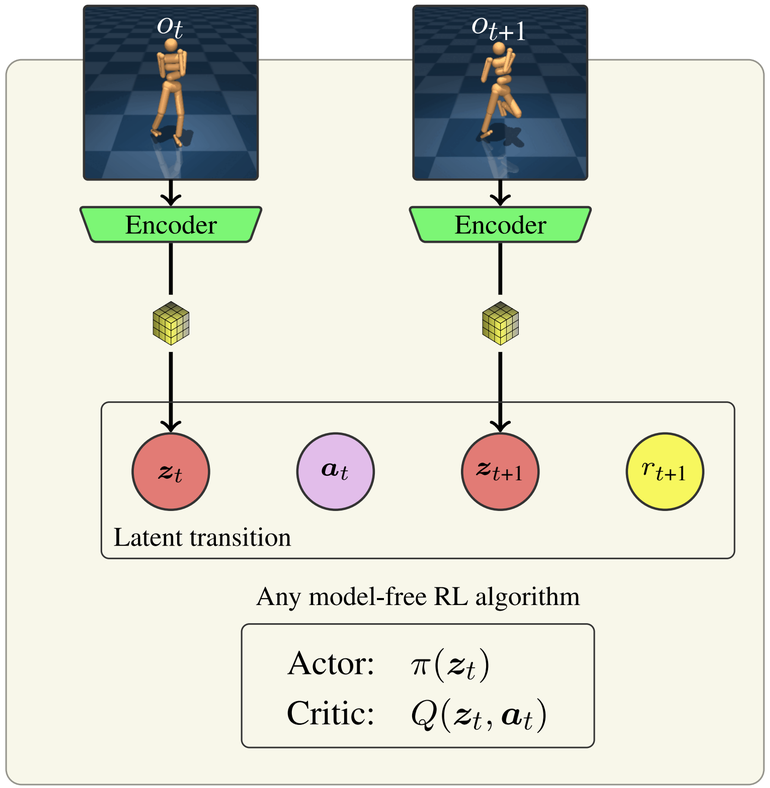


Hansen et al. (2024). TD-MPC2: Robust, Scalable World Models for Continuous Control. ICLR.

# Case Study: iQRL

## Dynamics Model but Not Model-based RL? 🤔




Scannell et al. (2024). iQRL - Implicitly Quantized Representations for Sample-efficient RL. arXiv:2406.02696.