

FCAI

fcai.fi

i. For i in number of episodes

i. Collect trajectory $\tau_i = \{o_t, a_t, o_{t+1}, r_t\}_{t=0}^T$

iii. Add trajectory to replay buffer $\mathcal{D} \leftarrow \mathcal{D} \cup \tau_i$

iii. For $T \times r_{\text{utd}}$ steps

i. Sample batch from replay buffer 2

i. One encoder updates

iii. One critical update

iv. One actor update

ioQRRL



iQRL

Algorithm

- i. For i in number of episodes
 - i. Collect trajectory $\tau_i = \{o_t, a_t, o_{t+1}, r_t\}_{t=0}^T$
 - ii. Add trajectory to replay buffer $\mathcal{D} \leftarrow \mathcal{D} \cup \tau_i$
 - iii. For $T \times r_{\text{utd}}$ steps
 - i. Sample batch from replay buffer \mathcal{D}
 - ii. One encoder update
 - iii. One critic update
 - iv. One actor update

Finite Scalar Quantization

Vector Quantization

