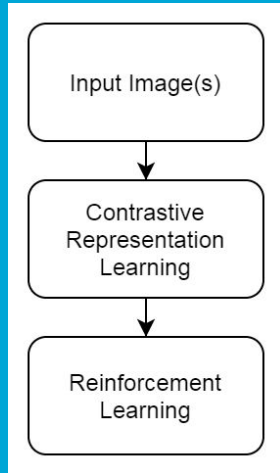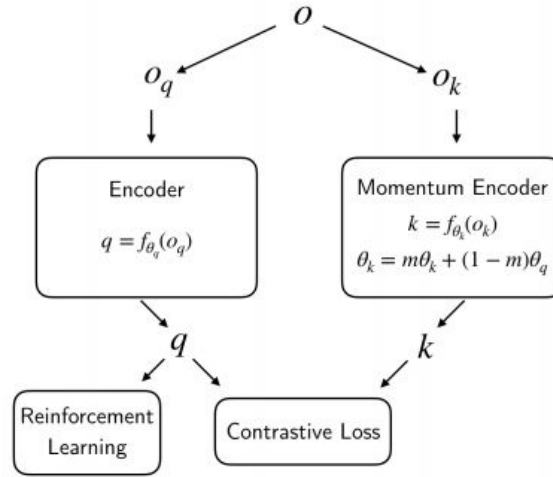June 16 2021
Gijs koning
Chiel de Vries

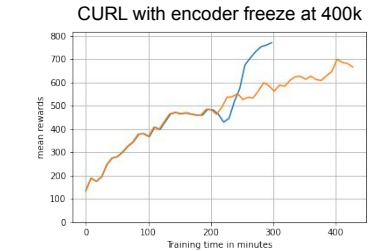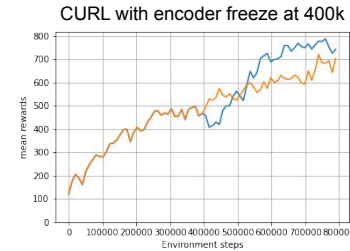# Reinforcement learning on your home computer with CURL

CURL Pipeline

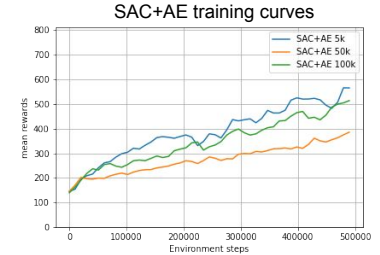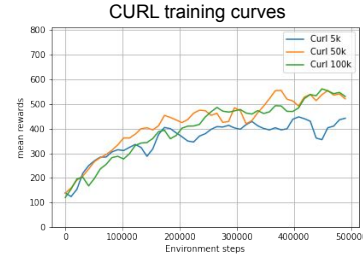## Contrastive Representation Learning

Experiments:

- Smaller batch sizes 512 → 256
- Smaller replay buffer 5k/50k/100k
- Comparison with SAC+AE
- Freezing the encoder

Results

- Batch size 512 is better than 256
- Replay Buffer Size impact unknown
- Faster convergence for CURL
- Freezing the encoder saves time and does not impact performance.

TUDelft