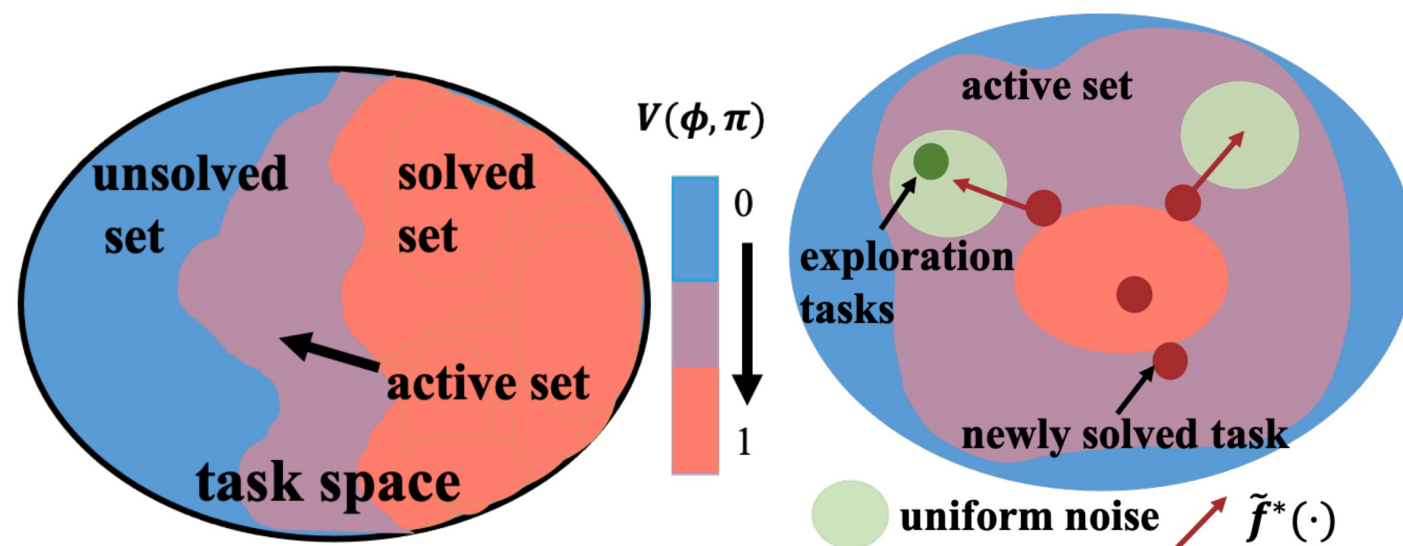# VACL: Variational Automatic Curriculum Learning
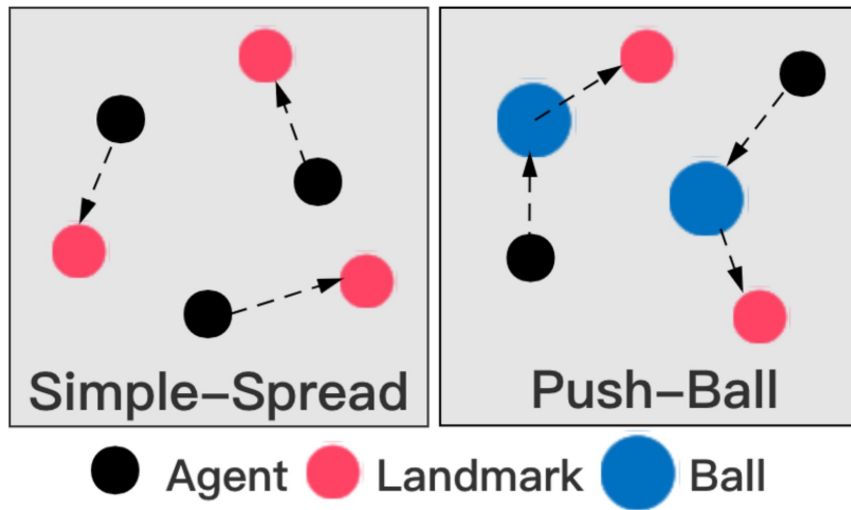
Chen et al. (2021)

- For sparse-reward cooperative multi-agent problems

- Combines task expansion and entity progression

- Task selection with variational inference

- Entity progression:

  - More agents increase difficulty (coordination…)
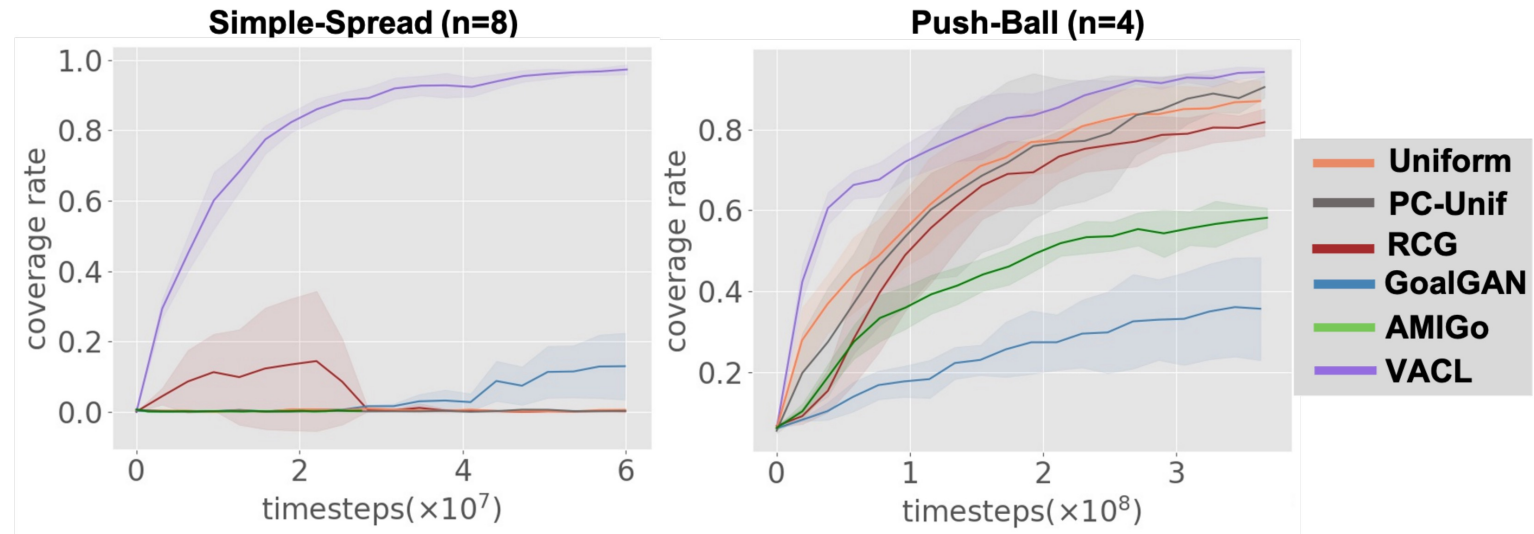 - Smoothly increasing number of agents

- Particle-based task expansion

VACL: Variational Automatic Curriculum Learning

Chen et al. (2021)

- MPE Environments

- Results of VACL and baselines