



BA/MA/SA:

Multi-Agent Reinforcement Learning

Training agents to perform complex tasks is the general goal of machine learning, and in this direction the approach of reinforcement learning is to learn by trial and error. However, with the emergence of internet of things (IoT), there are many systems that can be viewed as “multi-agent” systems. Training agents in such systems is not straight-forward, and many of their aspects have not been studied thoroughly. We want to use reinforcement learning to train agents that can collaborate on a task in a multi-agent environment.

In this project we are going to implement a multi-agent environment, and train some agents to perform simple, yet interesting, tasks. Our focus will be mostly on how agents can learn to communicate with each other efficiently.

Requirements: Strong motivation, programming skills, and basic knowledge of machine and deep learning



Interested? Please contact us for more details!

Contact

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