

Multiagent Q-learning with ‘satisficing’ criteria

Tuesday, June 18, 2024 5:00 PM (30 minutes)

We consider multiagent Q-learning with each agent having her own reward function, but all agents influencing the transition mechanism. By relaxing the exact optimality to a requirement of ‘satisficing’, modelled as driving the average costs to prescribed acceptable regions, we propose a scheme that provably achieves this.

Primary authors: Mr PATEL KEVAL, Keshav (Indian Institute of Technology Bombay); Prof. BORKAR, Vivek (Indian Institute of Technology Bombay)

Presenter: Prof. BORKAR, Vivek (Indian Institute of Technology Bombay)

Session Classification: Parallel session: Multi-agent systems