

## PAPER LISTS

### Team Game

#### General Framework (May 01)

Counterfactual Multi-Agent Policy Gradients (Sungho Choi)

Cooperative Multi-Agent Control Using Deep Reinforcement Learning (Bakhtiyarov, Sanzhar)

#### Factorization based (May 08)

Value-Decomposition Networks for Cooperative Multi-Agent Learning (Hyunsoo Sim)

QMIX-Monotonic Value Function Factorization for Deep Multi-Agent Reinforcement Learning (Michael Poli)

#### Communication based (May 15)

Learning multi agent-communication-with-backpropagation (Siwoo Kim)

Learning to Communicate with Deep Multi-Agent Reinforcement Learning (Woojin Cho)

Multiagent Bidirectionally-Coordinated Nets? (Jaehyun Kim)

NerveNet-Learning Structured Policy With Graph Neural Networks (KangHoon Lee)

### Cooperative Game

#### General Framework (May 22)

Multi-Agent Actor-Critic for Mixed Cooperative-Competitive Environments (Sungho Choi)

Fully Decentralized Multi-Agent Reinforcement Learning with Networked Agents (Bakhtiyarov, Sanzhar)

#### Communication based (May 29)

Graph Convolutional Reinforcement Learning for Multi-Agent Cooperation (Hyunsoo Sim)

Actor-Attention-Critic for Multi-Agent Reinforcement Learning (Michael Poli)

Learning Attentional Communication for Multi-Agent Cooperation (Siwoo Kim)

#### Hierarchical Approach (June 5)

M<sup>3</sup> RL: Mind-aware Multi-agent Management Reinforcement Learning (Woojin Cho)

Hierarchical Deep Multiagent Reinforcement Learning (Jaehyun Kim)

Multi-agent Deep Reinforcement Learning with Extremely Noisy Observations (KangHoon Lee)