

Seminar

Mult-Agent Reinforcement Learning for Multicore Processors

Reducing the power consumption of multicore processors is an ongoing challenge for industry and academia alike. Many different machine learning algorithms (Reinforcement learning (RL), supervised learning, unsupervised learning) have been proposed to manage power and performance of multicore processors. However, the interaction of multiple reinforcement learning algorithms running in parallel is an open research area. In this seminar, you will identify state-of-the-art reinforcement algorithms for multicore power management and investigate if there are any methods for Multi-Agent-Reinforcement-Learning in use today.

Contact

mark.sagi@tum.de

Advisors

Mark Sagi