

Theoretical considerations for practical meta reinforcement learning

Speaker

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Abstract

Reinforcement Learning (RL) is a powerful framework to solve sequential decision-making problems from sampled interactions. Meta RL aims at exploiting the experience gathered from solving some RL problems to efficiently solve more and more RL problems. This talk will touch upon some theoretical aspects of meta RL that may shed light on its potential and pitfalls in practice, addressing questions of the likes of: When does meta RL improves the efficiency of vanilla RL? How can we meta learn from human demonstrations?



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