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Joint Inference of Reward Machines and Policies for Zhe Xu¹, Ivan Gavran², Yousef Ahmad¹, Rupak Majumdar², Daniel Neider², Ufuk Topcu¹, Bo Wu¹



We proposed an iterative approach that alternates between reward machine inference and RL for the

First, we are interested in exploring a scenario in which the reward machine is not known, but a number of hints

Second, we will explore methods that can infer the

Finally, the method to transfer the q-functions between equivalent states of reward machines can be also used for transfer learning between different tasks where the

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