Reward Machines Thesis

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Abstract

short abstract

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References

[1] Rodrigo Toro Icarte et al. "Using Reward Machines for High-Level Task Specification and Decomposition in Reinforcement Learning". In: *Proceedings of the 35th International Conference on Machine Learning (ICML)*. 2018, pp. 2112–2121. URL: http://proceedings.mlr.press/v80/icarte18a.html.

[2] Alberto Camacho et al. "LTL and Beyond: Formal Languages for Reward Function Specification in Reinforcement Learning". In: *Proceedings of the 28th International Joint Conference on Artificial Intelligence (IJCAI)*. 2019, pp. 6065–6073. URL: https://www.ijcai.org/proceedings/2019/0840.pdf.

[3] Rodrigo Toro Icarte et al. "Reward Machines: Exploiting Reward Function Structure in Reinforcement Learning". In: *Journal of Artificial Intelligence Research (JAIR)* 73 (2022), pp. 173–208. URL: https://doi.org/10.1613/jair.1.12440.