

Rapport de stage

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8 avril 2016

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Introduction

Reinforcement learning

Learning by replay

- Equivalence between replay and planning as show in [\[Vanseijen and Sutton2015\]](#).
- Can one use Linear dyna with prioritised sweeping as a learning by replay method?
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Modeling navigation learning

Place cells

Place cells are high level integrative neurons in the hippocampus. They have a specific

What are the sequences that are replayed? How are they selected?

Limitations

Bibliography

[Vanseijen and Sutton2015] Vanseijen, H. and Sutton, R. (2015). A Deeper Look at Planning as Learning from Replay. In *Proceedings of the 32nd International Conference on Machine Learning (ICML-15)*, pages 2314–2322.