

Friedrich-Wilhelms-

Rheinische Institut für Informatik Abteilung VI Universität Bonn Autonome Intelligente Systeme

4 points

4 points

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Robot Learning

Assignment 9

Due Tuesday, July 18th, before class.

e) What is the role of the attention mechanisms?

9.1) Read the article Yan Duan, Marcin Andrychowicz, Bradly C. Stadie, Jonathan Ho, Jonas Schneider, Ilya Sutskever, Pieter Abbeel, Wojciech Zaremba: One-Shot Imitation Learning. https://arxiv.org/abs/1703.07326. Describe in your own words: a) What kind of information is required from the demonstrator? 4 points b) How are actions generated? 4 points c) Which parameters are adjusted by learning? 4 points d) How can demonstrations be transferred to novel situations?