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Application of Reinforcement Learning Methods

Group 19 - Final Project Report

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Abstract TODO

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1 Introduction

We present our final results of evaluating the reinforcement learning algorithms *Deep Deterministic Policy Gradient* and *Natural Actor Critic* on the simulated quanser systems platforms *Pendulum-v1*, *BallBalancerSim-v1*, *Qube-v0*, *DoublePendulum-v0*. We also present the results of the NAC algorithm on the real double pendulum hardware system.

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