Assignment 3

Reinforcement Learning, WS22

Team Members		
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1 Task 1 - RL in a grid world

1.1 Comparing the influence of hyperparameter ϵ

1.2 Comparing the influence of hyperparameter γ

1.3 Why does $\gamma = 1$ work in our MDP problems?

2   Task 2: Non-tabular RL

2.1   Deriving the parameter update rules for linear models

2.1.1   Constant y:

2.1.2 y as a function of θ_a: