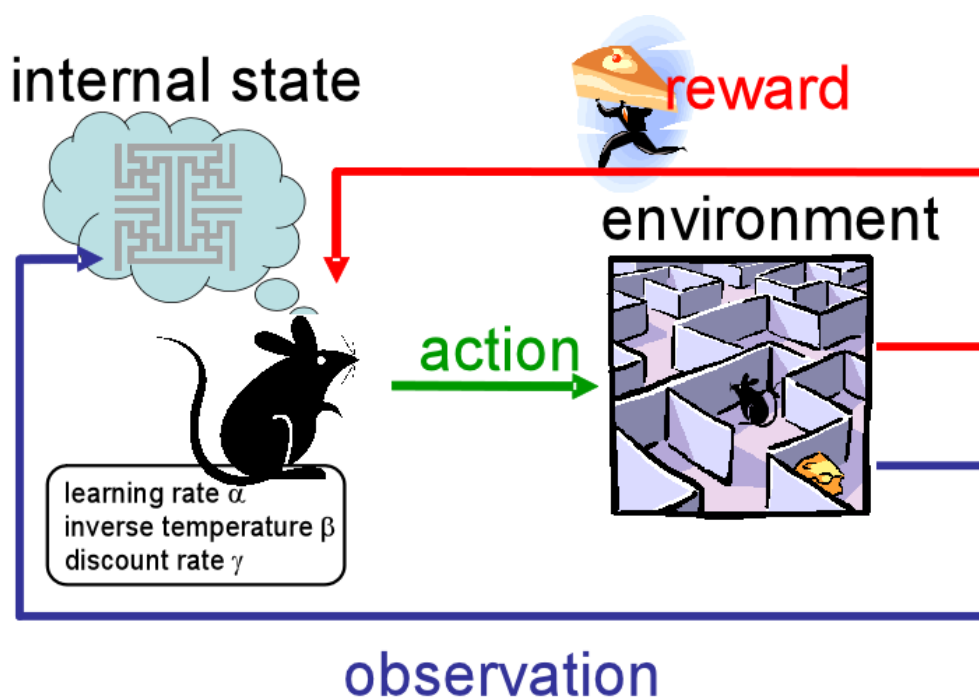


Thesis

Titel of project



Dennis Larsen
11671

Daniela Popovici
201503243



**Ingeniørhøjskolen
Aarhus Universitet**
Finlandsgade 22
8200 Aarhus N

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Gruppemedlemmer:

11671 – Dennis Larsen
201270338 – Jonas Dahl Pedersen
201270310 – Kristian Ekkenberg Nielsen
10487 – Xena Saéed

Vejleder:

Peter Ahrendt

**Samlet sidetal: ??
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Chapter 1

Project Definition

This project is about learning a car or robot to control and navigate it self. This should be done so the robot don't hit walls or obstacles. To do this a system is created. This system is created as inspiration from [1] Can be seen on Figure 1.1.

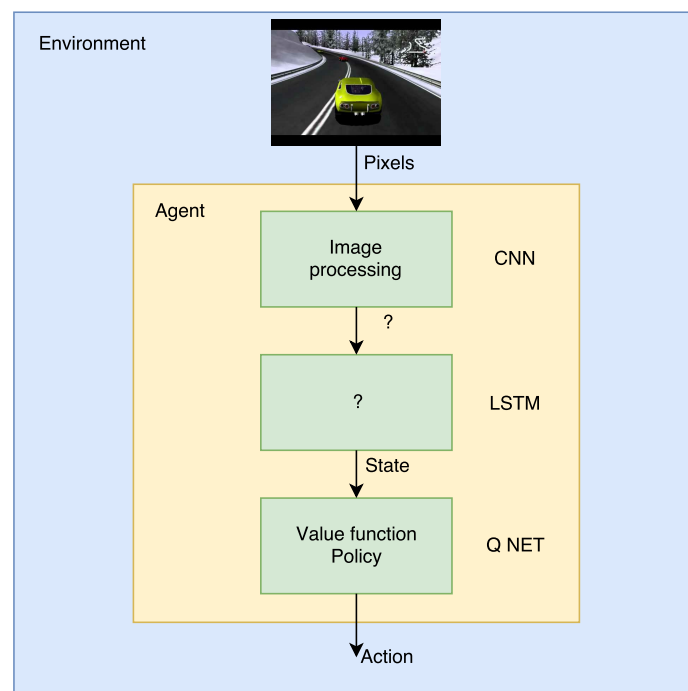


Figure 1.1: *The block diagram of the system*

Chapter 2

Theory

This is theory about everything

2.1 CNN

CNN is here

2.2 Recurrent Neural Networks

...

2.2.1 Long Short Term Memory

...

2.3 Reinforcement Learning

...

2.3.1 Value Function

...

2.3.2 Policy Gradients

...

2.3.3 Actor Critic

...

Bibliography

- [1] V. Mnih, A. P. Badia, M. Mirza, A. Graves, T. P. Lillicrap, T. Harley, D. Silver, and K. Kavukcuoglu, “Asynchronous methods for deep reinforcement learning,” *CoRR*, vol. abs/1602.01783, 2016. [Online]. Available: <http://arxiv.org/abs/1602.01783>