## Master seminar

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# Introduction

# **Unsupervised learning**

#### **Sections**

Localization

### **Definition**

## Localization application 1

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Related work

### VAE

### DC-IGN

Model description

## **Fully-connected**

### Convolutional neural networks

#### What where autoencoders

# Pre-training procedure

# Regularization: predictive regularization

# Regularization: denoising

## Regularization: distance

**Evaluation** 

# Trivial trajectories

## Natural trajectories

## Large datasets

#### Summary

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### References I