

Learning Manipulation from 3D Observations

Andrej Orsula Robotics

Master's Thesis





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STUDENT REPORT

Deep Reinforcement Learning for Octree-Based Robotic Grasping

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#### **Contents**

Contents  Resumé  Preface		iii
		iv
		v
1	Introduction	1
2	Related Work	2
3	Background	3
4	Model-Free Reinforcement Learning	4
5	<b>Problem Formulation</b>	5
6	Network Architecture	6
7	Simulation Environment	7
8	Experimental Setup	8
9	Results	9
10	Ablation Studies	10
11	Discussion	11
12	Conclusion	12
13	Future Work	13
Bibliography		14
Ap	ppendices	15

#### Resumé

TODO: Resumé in Danish

#### **Preface**

TODO: Preface

Test citation (TODO: remove test citation): (Name, 2000)

## Glossary

- **2D** Two-dimensional
- **3D** Three-dimensional

## 1 Introduction

## 2 Related Work

## 3 Background

# 4 Model-Free Reinforcement Learning

## **5 Problem Formulation**

#### **6 Network Architecture**

## **7 Simulation Environment**

## 8 Experimental Setup

#### 9 Results

#### 10 Ablation Studies

#### 11 Discussion

#### **12 Conclusion**

#### 13 Future Work

## **Bibliography**

Name, R. (2000). Fascinating title. Journal of Testing 420(69), 69–420.

## **Appendices**

#### **A** Dataset