

# **Deep Reinforcement Learning for Octree-Based Robotic Grasping**

Learning Manipulation from 3D Observations

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Robotics

Master's Thesis







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# AALBORG UNIVERSITY

## STUDENT REPORT

**Title:**

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for Octree-Based Robotic Grasping

**Abstract:**

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| TODO: Abstract |
|----------------|

**Theme:**

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**Programme:**

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# Resumé

TODO: Resumé in Danish

# Preface

TODO: Preface

Test citation (TODO: remove test citation): ([Name, 2000](#))

# 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.

# **A Dataset**