

# Reward Machines Thesis

Maximilian Stollmayer

April 21, 2024

# Abstract

lansdlkfa

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Regular Languages: Preliminaries</b>	<b>2</b>
<b>3</b>	<b>Reinforcement Learning Preliminaries</b>	<b>3</b>
<b>4</b>	<b>Reward Machines</b>	<b>4</b>
<b>5</b>	<b>Conclusion &amp; Outlook</b>	<b>5</b>
<b>6</b>	<b>Appendix</b>	<b>6</b>
	<b>References</b>	<b>7</b>

# 1 Introduction

asdfasdf

## 2 Regular Languages: Preliminaries

asldjsaldjf

### **3 Reinforcement Learning Preliminaries**

aslfalsdf

## 4 Reward Machines

sadlfsad [1]

## 5 Conclusion & Outlook

asdfasdf



## 6 Appendix

asfasdjfs

## References

- [1] Rodrigo Toro Icarte et al. “Reward Machines: Exploiting Reward Function Structure in Reinforcement Learning”. In: *Journal of Artificial Intelligence Research (JAIR)* 73 (2022), pp. 173–208. URL: <https://doi.org/10.1613/jair.1.12440>.