

University of Innsbruck
Faculty of Mathematics, Computer Science and Physics
Institute for Theoretical Physics



Bachelor Thesis
submitted for the degree of
Bachelor of Science

**An information-theoretical approach to internal
models in a Partially Observable Markov Decision
Process**

by
Lukas Prader
Matriculation Nr.: 12115058

Submission Date: 18th April 2024
Supervisors: Alexander Vining, Hans J Briegel

Abstract

Lorem ipsum

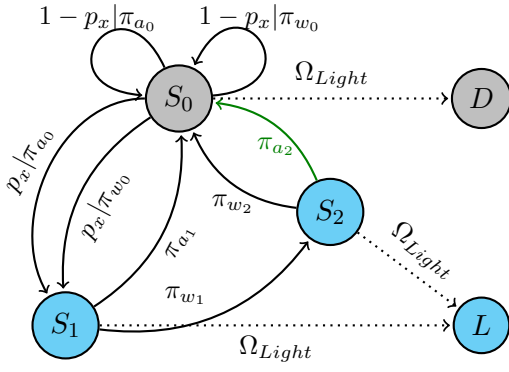
Contents

1	Introduction	1
2	Results	2
2.1	Markov Process Plots	2
3	Conclusion	3
4	Acknowledgements	4

1 Introduction

2 Results

2.1 Markov Process Plots



3 Conclusion

4 Acknowledgements

Declaration of Authorship

I hereby solemnly declare, by my own signature, that I have independently authored the presented work and have not used any sources or aids other than those indicated. All passages taken verbatim or in content from the specified sources are identified as such.

I consent to the archiving of this Bachelor thesis.

Innsbruck, 18th April 2024

Lukas Prader

