#### Thesis Title Here

Your Name

A thesis submitted for the degree of **Doctor of Philosophy** 

Jun 2025

Department of Physics
The University Of Melbourne

Supervisor: Your Supervisor Name

#### Abstract

An abstract of 300–500 words. If the thesis contains creative outputs, the abstract must include a description of the form and presentation of those outputs.

#### Declaration

#### I declare that:

- i. the thesis comprises only my original work towards *<the name of the award>* except where indicated in the Preface;
- ii. due acknowledgment has been made in the text to all other material used;
- iii. the thesis is no longer than the maximum word limit in length, exclusive of tables, maps, bibliographies, and appendices, or that the thesis is [number of words] as approved by the Pro Vice-Chancellor for Graduate Research, and where relevant that
- iv. the thesis comprises XX% dissertation and YY% creative outputs as agreed by the advisory committee at confirmation, where XX and YY total to 100.

#### Preface

If applicable, the preface includes the following information:

- i. a detailed description of the contributions made by the candidate to any co-authored publications, draft publications, or publications in submission incorporated into the thesis, including identification of the components that the candidate regards as their sole work;
- ii. where a publication or part of a publication has been used, the place in the thesis where the content has been incorporated (e.g., text on page(s) xx is from [name of publication], or that chapter yy is adapted from [name of publication]), noting also that such publications should not appear in the bibliography of the thesis, and likewise for draft publications and publications in submission;
- iii. a description of any work in the thesis that has been submitted for other qualifications;
- iv. a description of any work that was carried out prior to enrolment in the course;
- v. whether any digital editorial assistance was used in preparing the thesis;
- vi. whether any third-party human assistance was provided in preparing the thesis and whether these parties are knowledgeable in the academic discipline of the thesis;
- vii. the citation and publication status of all publications incorporated into the thesis and appendices using these categories:
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  - Accepted for publication by [publication name] on [date];
  - Published by [publication name] on [date].

## Dedication

To my family and mentors, whose support made this journey possible.

#### Acknowledgments

I would like to acknowledge all sources of funding that supported my research, including grant identification numbers. I also wish to acknowledge the Australian Government Research Training Program (RTP) Scholarships, including RTP fee offset scholarships, where applicable.

I am deeply grateful to those who have supported me throughout my research journey.

#### Contents

Abstract	i
Declaration	ii
Preface	iii
Dedication	iv
Acknowledgments	v
1 Introduction	1
2 Theory	2
A Additional Data	3

# List of Figures

### List of Tables

## Chapter 1

## Introduction

Introduction here.

## Chapter 2

## Theory

This is a new chapter.

## Appendix A

### Additional Data

Your Appendix here.

## Bibliography