

UNIVERSITY NAME (IN BLOCK CAPITALS)

# Thesis Title

by

Premvijay Velmani

A thesis submitted in partial fulfillment for the  
degree of Doctor of Philosophy

in the

Faculty Name  
Department or School Name

April 2024

# Declaration of Authorship

I, AUTHOR NAME, declare that this thesis titled, 'THESIS TITLE' and the work presented in it are my own. I confirm that:

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- I have acknowledged all main sources of help.
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# *Abstract*

Faculty Name

Department or School Name

Doctor of Philosophy

by Premvijay Velmani

The Thesis Abstract is written here (and usually kept to just this page). The page is kept centered vertically so can expand into the blank space above the title too...

# *Acknowledgements*

The acknowledgements and the people to thank go here, don't forget to include your project advisor...

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# Abbreviations

**LAH** List Abbreviations **Here**

# Physical Constants

Speed of Light  $c = 2.997\,924\,58 \times 10^8 \text{ ms}^{-\text{s}}$  (exact)

# Symbols

$a$	distance	m
$P$	power	W ( $\text{Js}^{-1}$ )
$\omega$	angular frequency	$\text{rads}^{-1}$

*For/Dedicated to/To my...*

# Chapter 1

## Introduction

### 1.1 Quasi-adiabatic relaxation

### 1.2 Self-similar relaxation

# Appendix A

## An Appendix

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# Bibliography