



**MONASH** University

**Thesis Title Here**

Author Name

Doctor of Philosophy

A Thesis Submitted for the Degree of Doctor of Philosophy at  
**Monash University** in 2021  
School of Information Technology

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This thesis includes (*insert number*) original papers published in peer reviewed journals and (*insert number*) submitted publications. The core theme of the thesis is (*insert theme*). The ideas, development and writing up of all the papers in the thesis were the principal responsibility of myself, the student, working within the (*insert name of academic unit*) under the supervision of (*insert name of supervisor*).

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Here should be the table!

I have / have not renumbered sections of submitted or published papers in order to generate a consistent presentation within the thesis.

Student name:

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I hereby certify that the above declaration correctly reflects the nature and extent of the student's and co-authors' contributions to this work. In instances where I am not the responsible author I have consulted with the responsible author to agree on the respective contributions of the authors.

**Main Supervisor name:**

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## **Publications during enrolment**

You may wish to list your publications arising from your research degree enrolment using the standard citation format of your academic unit. Remove this section if you do not have publications.

Journal articles:

1) Dong, Xingbo, Zhe Jin, and Andrew Teoh Beng Jin. "A genetic algorithm enabled similarity-based attack on cancellable biometrics." 2019 IEEE 10th International Conference on Biometrics Theory, Applications and Systems (BTAS). IEEE, 2019.

2) xxx

## Acknowledgements

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# Abbreviations

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

# Constants

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

# Symbols

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

# Chapter 1

## Introduction

### 1.1 Writing a thesis

Writing a thesis is a lengthy process, often requiring multiple redrafts and revisions.

Drafts should be provided and reviewed on a regular basis to keep up momentum as the submission deadline approaches. Please ensure that all required milestones and program requirements (e.g. professional development hours) have been completed before progressing with your submission.

The information below has been provided to you to make your experience as easy as possible. You may also like to refer to the Graduate Research Thesis Examination Procedures for further insight into the thesis examination process.

#### 1.1.1 what format the thesis will be presented

The first thing to consider is in what format the thesis will be presented. We recommend students and main supervisors discuss this as early as possible, and jointly agree on the most appropriate option:

Traditional thesis: A similar format to research reports and papers where the research question is proposed, methodology is described and the results are discussed and conclusions established.

Thesis including published works: Overall format is the same as a traditional thesis but particular chapters will include any submitted publications. Some Faculties have their own criteria for what can be included in this format.

All theses must use the approved thesis preliminary pages which includes compulsory information such as copyright and authorship declarations. If these pages are not presented correctly, the thesis will not be dispatched to the examiners and the relevant sections will need to be amended.

### **1.1.2 examiners**

At Monash each graduate research student has a supervisory team. Of this group, the main supervisor is responsible for approaching potential examiners for their students' thesis. Initial discussions normally take place at the student's final milestone review and it is recommended that examiners are approached at least 4-6 weeks before expected submission.

An email template is available for use when inviting potential examiners to examine a thesis.

For students enrolled in a Live Music or Theatre Performance degree, the main supervisor will also need to complete a Nomination of Examiners form. This form will require the approval of the Program Director (or delegate) and the Monash Graduate Research Office prior to the live performance. For further information please contact the Faculty of Arts.

In addition, when considering appropriate examiners, please note that if an examiner is subject to Sanctions laws, we are unable to provide payment for their thesis examination.

### **1.1.3 conflict of interest**

There are a range of circumstances that could result in a conflict of interest, potentially restricting the objectivity of the examiners.

Some examples of what we consider conflicts of interest are:



Involvement in the student's research, including supervision of the candidate in field or laboratory work or elsewhere during candidature. Previous work in the same department within an institution as the candidate. A previous appointment as an academic staff member at Monash University, including an adjunct academic appointment, during the student's period of candidature. Holding the position of emeritus or adjunct professor at Monash. Substantial contact with the candidate in any other circumstance which might jeopardise the independence of the examination. Being a close associate (spouse/partner, other relative, friend or business partner) of either the candidate or the supervisor of the candidate. There is a more comprehensive list of grounds for conflicts of interest which you may wish to review.

## **1.2 Thesis including Published Works**

All doctoral and research master's students are permitted to submit a thesis including published works, in accordance with section 1.9 of the Graduate Research Thesis Examination Procedures. The thesis including published works is not a different degree; rather, it is a thesis format that includes papers that have been submitted, or accepted, for publication, during the course of the student's enrolment in the relevant graduate research degree at Monash.

The thesis must reflect a sustained and cohesive theme, and framing or substantial linking text is normally required in introducing the research and linking the chapter/papers/manuscripts. The papers do not have to be rewritten for the thesis. For guidance, refer to Text Framing the Publications (as below).

Whether the papers are required to have been published, accepted for publication, or only submitted for publication varies across faculties (see Faculty Requirements below). We advise you to consult good examples of theses including published works in your discipline. Your academic unit or school should have copies of all doctoral and research master's theses available for consultation. Workshops on the thesis including published works are also run through the Skills Essentials series, if you require more information.

TABLE 1.1: Table Demo.

Description	Images	
Training	Taking 3 images of knowns + 1 image of known unknowns randomly	2,900
Gallery	Taking 3 images of knowns randomly	1,830
Probe C	C=S	4,903
Probe O1	O1	6,264
Probe O2	O2	8,972
Probe O3	O3	10,333

### 1.3 The maximum word length

For references see [Graduate Research Thesis Examination Procedures](#)

PhD: 80,000 words, 100,000 words for students enrolled prior to 1 January 2015

MPhil: 35,000 words, 50,000 words for students enrolled prior to 1 January 2015.

### 1.4 Using Figures and Tables, and other commands

We have defined several commands in thesis.cls file for easier usage:

```

\newcommand{\fref}[1]{Figure~\ref{#1}}
\newcommand{\tref}[1]{Table~\ref{#1}}
\newcommand{\eref}[1]{Equation~\ref{#1}}
\newcommand{\cref}[1]{Chapter~\ref{#1}}
\newcommand{\sref}[1]{Section~\ref{#1}}
\newcommand{\aref}[1]{Appendix~\ref{#1}}
\renewcommand{\topfraction}{0.85}
\renewcommand{\bottomfraction}{.85}
\renewcommand{\textfraction}{0.1}
\renewcommand{\dbltopfraction}{.85}
\renewcommand{\floatpagefraction}{0.75}
\renewcommand{\dblfloatpagefraction}{.75}

```

You can use *fref* and *tref* to refer a figure and table, such as Figure [1.1](#) and Table [1.1](#).

Refer a citation like this [\[1\]](#). You can cite multiple references once, like this [\[1–3\]](#).



FIGURE 1.1: My Picture Demo

## 1.5 A Section

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# Appendix A

## An Appendix

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# Bibliography

- [1] C. J. Hawthorn, K. P. Weber, and R. E. Scholten. Littrow configuration tunable external cavity diode laser with fixed direction output beam. *Review of Scientific Instruments*, 72(12):4477–4479, December 2001. URL <http://link.aip.org/link/?RSI/72/4477/1>.
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