

UNIVERSITY OF CALGARY

[Thesis Title (Title case, no more than 240 characters. No bold font or symbols, except Greek)]

[Thesis Title Second Line (optional)]

by

[Your Full Name]

A THESIS  
SUBMITTED TO THE FACULTY OF GRADUATE STUDIES  
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE  
DEGREE OF DOCTOR OF PHILOSOPHY

GRADUATE PROGRAM IN MATHEMATICS AND STATISTICS

CALGARY, ALBERTA

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## **Abstract**

[This page is required for all graduate student theses at the University of Calgary. An abstract is a short paragraph explaining the major points and conclusions of the thesis. Abstracts in theses presented by candidates for Master's degrees must be no longer than 150 words. Abstracts in theses presented by candidates for doctoral degrees must be no longer than 350 words. Hyphenated words or words separated by a slash are considered two words.]

# Preface

This thesis is an original work by the author. No part of this thesis has been previously published.

# Acknowledgements

[Don't forget to thank someone.]

*To all the time I've wasted...*

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# List of Symbols, Abbreviations and Nomenclature

Symbol or abbreviation

$\alpha$

$\beta$

Definition

The first letter of the Greek alphabet

The second letter of the Greek alphabet

# Epigraph

*A quotation is a handy thing to have about, saving one the trouble of thinking for oneself,  
always a laborious business.*

- A.A. Milne, *If I May*

[(Remove this line.) An epigraph is an apt quotation that precedes the text of a chapter or of a book.  
Quotation marks are not used. The author and title of the source must be cited below the quotation.]

# Chapter 1

## Name of first chapter

### 1.1 First section

Here is some text. Note that all of the sections and subsections will automatically be included in the table of contents. Cite your references in this manner [1]. It is possible to emphasize text by making it *italic* or **bold**.

#### 1.1.1 Subsection

Numbering depth goes down to subsection.

#### Subsubsection

Subsubsections are not numbered and do not appear in the table of contents by default.

### 1.2 Second section

Figures (such as Figure 1.1) are included like this. You'll probably want to load the `graphicx` package to include images.

Figure 1.1: A description of the figure.

First column	Second column
$a$	Latin
$\aleph$	Hebrew
$\alpha$	Greek
7	$1.02232134 \times 10^{-8}$
Monday	Quidditch
Adam	Dishwashing

Table 1.1: A description of the table.

### 1.2.1 Another subsection

Tables (such as Table 1.1) can be constructed and referenced like this. Footnotes<sup>1</sup> can be created like this.

Make and reference numbered equations, such as equation (1.1), like this

$$\int_{\Omega} \left( \frac{f(\gamma_1, z^{\mathcal{E}(\cos^5(x))})}{2^\ell \sqrt{g(\beta)}} \right) = \sum_{i=1}^{\infty} o(i \log y). \quad (1.1)$$

**Definition 1.1.** A definition is a statement of the exact meaning of a word.

**Theorem 1.2.** *Theorems look like this.*

*Proof.* And this is the proof. □

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<sup>1</sup>This is a footnote.

## Chapter 2

# Name of second chapter

### 2.1 A section

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# Bibliography

- [1] N. E. Body, *Anybody Can Write a Book*. 2015.

# Appendix A

## Name of appendix

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