A Model Caltech Thesis to Demonstrate the **citthesis** Document Class

Thesis by
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In Partial Fulfillment of the Requirements
for the Degree of
Doctor of Philosophy

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Acknowledgements

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Abstract

Writing a thesis can be a pain in the ass. In this model thesis we demonstrate the citthesis document class for LaTeX.

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Chapter 1

Introduction

This demonstration thesis serves to illustrate how the citthesis document class works.

Oh, and here's a citation so that we have a bibliography entry: [1]. And here's a table so there is an entry in the list of tables.

Name	Muscles	Verbal Skills
Arnold Schwarzenegger	5	2
Sylvester Stallone	4	2.5
Jean-Claude van Damme	3	1.5
Steven Segal	1	3

Table 1.1: A table of famous actors

Chapter 2

Equations

Here's a chapter with an equation. Pretty exciting, huh?

$$\ddot{x} + 2\zeta\omega_0\dot{x} + \omega_0^2 x = 0. \tag{2.1}$$

Chapter 3

Proclamations

Everyone knows that a good thesis has many theorems ;-) I call such things (including definitions, remarks, etc. "proclamations." Here's one of my favourites.

Theorem: *Let* $f : S^2 \to R^2$ *be continuous. Then there exists* $x \in S^2$ *so that* $f(x) = f(-x)$.

Chapter 4

Figures

Theses tend to be filled with pictures — makes for more easy evaluation under the Principle of Greatest Mass. Here's a figure for you.

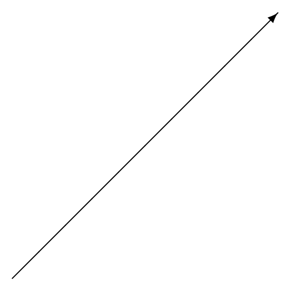

Figure 4.1: Not a very exciting picture...

Chapter 5

Indexes

I recommend putting an index in your thesis as this is not too difficult. Use the standard program `makeindex` or a newer program `xindy`. Both are available from CTAN. I also have available a program for making a list of symbols. A useful LaTeX indexing interface is `index.sty` which may be obtained from CTAN — it allows multiple indexes.

Appendix A

Appendix Demo

This appendix shows how an appendix will look in your thesis. We show how equations look in an appendix:

$$x^2 + x - 3 = 0. \tag{A.1}$$

Bibliography

[1] Andrew Lewis. A bogus bibtex entry. Not published, April 1994. Use BiBTEX to make your own bibliography. Put the database file in a place where BiBTEX can read it then get rid of all these `citthesis.bib` files which are only for demo purposes.