

THE ELEMENTS OF THESES

A THESIS SUBMITTED TO THE GRADUATE DIVISION OF THE  
UNIVERSITY OF HAWAI'I IN PARTIAL FULFILLMENT  
OF THE REQUIREMENTS FOR THE DEGREE OF  
MASTER OF SCIENCE

IN

INFORMATION AND COMPUTER SCIENCES

MAY 2000

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Chairperson

Copyright 2000  
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Perry H. Disdainful

To myself,  
Perry H. Disdainful,  
the only person worthy of my company.

## **Acknowledgements**

I want to “thank” my committee, without whose ridiculous demands, I would have graduated so, so, very much faster.

## **ABSTRACT**

Theses have elements. Isn't that nice?

# Contents

<b>Acknowledgements</b>	<b>v</b>
<b>Abstract</b>	<b>vi</b>
<b>List of Tables</b>	<b>viii</b>
<b>List of Figures</b>	<b>ix</b>
<b>1 Introduction</b>	<b>1</b>
<b>2 Previous Work</b>	<b>2</b>
2.1 URLs . . . . .	2
2.2 Bibliography Citations . . . . .	3
<b>3 Conclusion</b>	<b>4</b>
3.1 Widgets . . . . .	4
3.1.1 Sub-Widgets . . . . .	4
<b>A Some Ancillary Stuff</b>	<b>7</b>
<b>B More Ancillary Stuff</b>	<b>8</b>
<b>Bibliography</b>	<b>9</b>

# List of Tables

1.1	A normal size table. . . . .	1
1.2	A small table. . . . .	1



# List of Figures

2.1	An example of included Encapsulated PostScript (EPS). . . . .	2
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# Chapter 1

## Introduction

Every dissertation should have an introduction. You might not realize it, but the introduction should introduce the concepts, background, and goals of the dissertation.

Examples of great literature can be found in table 1.1.

Table 1.1: A normal size table. There has been a complaint that table captions are not single-spaced, but they should be. This is a test of that feature.

Title	Author
War And Peace	Leo Tolstoy
The Great Gatsby	F. Scott Fitzgerald

For an example of a smaller size table, see table 1.2.

Table 1.2: A small table.

Title	Author
War And Peace	Leo Tolstoy
The Great Gatsby	F. Scott Fitzgerald

# Chapter 2

## Previous Work

Some other research was once performed. You can check out a beautiful picture in figure 2.1.

Did the query results answer your question?  
☐ Yes ☒ Partially ☐ No ☐ Undecided

Figure 2.1: An example of included Encapsulated PostScript (EPS).

### 2.1 URLs

In this modern age, you may find that you wish to include URLs or pathnames which both tend to be long and hard for TeX to deal with because it doesn't know where to insert linebreaks. The “url” package (loaded in the main uhtest.tex file) allows one to deal with these URLs. For example:

Here is an URL which cannot be broken, leading to terrible output `<http://www.hotwired.com/webmonkey/`

Using the package we get the much nicer `<http://www.hotwired.com/webmonkey/98/16/index2a.html>` which LaTeX can handle just fine. Even better, the parameter to `\url` can have spaces inserted anywhere so you can make the LaTeX source lines in your text editor wrap nicely.

A few notes. It is recommended that you enclose your URLs in “<>” to ensure that any punctuation around the URL won't be confused as part of the URL. You can use URLs in your bibliography too (see the uhtest.bib file for an example). Finally, if you need to use a tilde in your URL then things are a little trickier. One way to do it is like this: `<http://www.`

`dartmouth.edu/~jonh/ff-cache/1.html`>. The `\url` style uses math mode internally, so we break the URL into two pieces, and stick a tilde from math mode inbetween the two parts.

## 2.2 Bibliography Citations

Citing references to your bibliography is easy [11] [12]. First you build a BibTeX file which contains the records for all of the works you wish to cite. This file ends with a “.bib” extension. Then in your body you use the “`\cite`” command with the label you gave to the record in question. The final steps are: run LaTeX once, run BibTeX, and then run LaTeX twice more. You should now have a bibliography that includes those citations.

## Chapter 3

# Conclusion

This is going to be the chapter where I check the length of the page to make sure the bottom margin works out all right. I hope you don't mind long annoying and useless paragraphs because you are sure to get a lot of them here!

### 3.1 Widgets

This is going to be the chapter where I check the length of the page to make sure the bottom margin works out all right. I hope you don't mind long annoying and useless paragraphs because you are sure to get a lot of them here!

#### 3.1.1 Sub-Widgets

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#### Sub-Sub-Widgets

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**Para-Widgets** This is going to be the chapter where I check the length of the page to make sure the bottom margin works out all right. I hope you don't mind long annoying and useless paragraphs because you are sure to get a lot of them here!

**Sub-Para-Widgets** This is going to be the chapter where I check the length of the page to make sure the bottom margin works out all right. I hope you don't mind long annoying and useless paragraphs because you are sure to get a lot of them here!

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## **Appendix A**

### **Some Ancillary Stuff**

Ancillary material should be put in appendices, which appear before the bibliography.



## **Appendix B**

# **More Ancillary Stuff**

Subsequent chapters are labeled with letters of the alphabet.

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