# [Title: Titles Must Be in Mixed Case and May Not Exceed Six Inches on One Line and Must Be in the Inverted Pyramid Format When Additional Lines Are Needed]

[Student Name]

A senior thesis submitted to the faculty of Brigham Young University in partial fulfillment of the requirements for the degree of

Bachelor of Science

Justin Peatross and Michael Ware, Advisors

Department of Physics and Astronomy

Brigham Young University

[Approval Month] [Year]

Copyright © [Year] [Student Name]

All Rights Reserved

#### **ABSTRACT**

[Title: Titles Must Be in Mixed Case and May Not Exceed Six Inches on One Line and Must Be in the Inverted Pyramid Format When Additional Lines Are Needed]

[Student Name]
Department of Physics and Astronomy, BYU
Bachelor of Science

[The abstract is a summary of the thesis/dissertation with emphasis on the findings of the study. The abstract must not exceed 350 words in length and fit on one page, single spaced.]

Keywords: [A comma-separated list of descriptive words for search purposes]

#### ACKNOWLEDGMENTS

[Acknowledgements should be simple, in good taste, and fit	on one page]

## **Contents**

Table of Contents	iv
1 A Sample Chapter 1.1 A Fascinating Section	<b>1</b> 1
Appendix A Appendix Title	3
Bibliography	4
Index	5

## Chapter 1

### **A Sample Chapter**

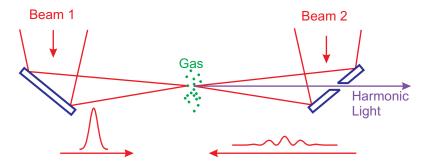
#### 1.1 A Fascinating Section

For a short thesis, you can usually just type the whole body of the thesis here. For longer documents you might consider typing chapters in separate files and using the \include command. There is another example on the physics web page (click here to go there) that shows how to do this.

You can create your bibliography right in the main tex document. Here are references to a book (Jackson 1998), an article (Peatross et al. 2000), and a web site (David Accessed April 15, 2006). You can also use BibTeX to keep track of your references. The method for using BibTeX is shown in the other example on the physics web page.

Making an index is easy. Just use the \index{Key} command. You can include figures too (see Fig. 1.1). Usually you need both eps and pdf versions of each figure.

2



**Figure 1.1** A mirror with a hole is used to extract high-order harmonics generated in counter-propagating laser beams.

# **Appendix A**

# **Appendix Title**

You can put supplimentary content in an appendix.

# **Bibliography**

David, K. Accessed April 15, 2006, http://www.intel.com/technology/silicon/lithography.htm

Jackson, J. D. 1998, Classical Electrodynamics, 3rd edn. (New York: Wiley), 23

Peatross, J., Glasgow, S. A., & Ware, M. 2000, Phys. Rev. Lett., 84, 2370

# **Index**

Index Making, 1