

[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 thesis submitted to the faculty of
Brigham Young University
in partial fulfillment of the requirements for the degree of
Master of Science

Advisor Name, Advisor

Department of Physics and Astronomy
Brigham Young University

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ABSTRACT

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

[Student Name]
Department of Physics and Astronomy, BYU
Master 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.]

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ACKNOWLEDGMENTS

[Research is never done by a single person. You should acknowledge those who contributed to the work here. Acknowledge support and guidance from people you worked with (advisors, fellow students, etc.) and also acknowledge funding sources if you were paid to do the work. For department and college RA funding, you should say something like “This work was supported by the BYU College of Computational, Mathematical, and Physical Sciences.” Or if you were funded by a specific grant, you should list like this “This work was supported by the National Science Foundation under Grant 12345 (use the real number).” It is also good form to express appreciation for that financial support. You are also welcome to acknowledge personal support from spouses, etc. Acknowledgements should be simple, in good taste, and fit on one page.]

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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 [1], an article [2], and a web site [3]. 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.

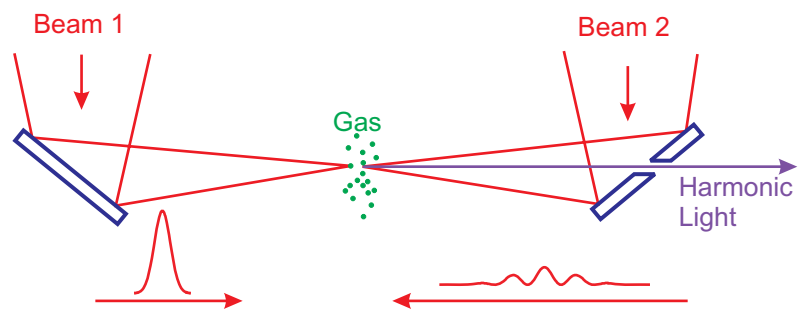


Figure 1.1 A mirror with a hole is used to extract high-order harmonics generated in counter-propagating laser beams.

Appendix A

Appendix Title

You can put supplementary content in an appendix.

Bibliography

- [1] J. D. Jackson, *Classical Electrodynamics*, 3rd ed. (Wiley, New York, 1998), p. 23.
- [2] J. Peatross, S. A. Glasgow, and M. Ware, “Average energy flow of optical pulses dispersive media,” *Phys. Rev. Lett.* **84**, 2370–2373 (2000).
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