

## **Abstract**

**Title goes here**

Your name

2015

Abstract goes here. Limit 750 words. You can insert it from another tex file if you want.

**Title goes here**

A Dissertation  
Presented to the Faculty of the Graduate School  
of  
Yale University  
in Candidacy for the Degree of  
Doctor of Philosophy

by  
Your name

Dissertation Director: Your advisor's name

Month, year you'll receive your degree, like "May, 2015"

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# Acknowledgements

A lot of people are awesome. Probably your family, friends, advisor, and that one super special high school teacher who believed in you.

# Chapter 1

## Introduction

Your first chapter is probably an introduction. But who knows. Check out Eq. (1.1)! Note that after Eq. and Fig. you want to use ‘.\’ to use a single sized space. Otherwise, latex will interpret it as the end of a sentence and put additional white space in between ‘Eq.’ and ‘(1.1)’. Actually, you might want to input a tilde ( $\sim$ ) (a non-breaking space) instead of a space, so that the ‘Eq.’ and number don’t break across a line. Or you could use commands from `hyperref` or `cleveref`. See chapter 2 for that...

By the way, I strongly recommend splitting up your paragraphs so that you have each sentence on its own line. This makes the diffs much easier to read, which makes version control more useful.

$$a^2 + b^2 = c^2 \tag{1.1}$$

The Physics Department recommends that the first chapter of the thesis be a succinct summary of the entire thesis, including in particular:

1. a brief review of the field prior to the thesis research to provide context
2. a presentation of the goals and motivations of the thesis research
3. a clear description of what the student has achieved in the thesis research



(primarily written in the first person singular, but with due credit to others as appropriate). This description should refer back to (1) and clearly indicate the relation to prior work.

It may also make sense to add suggestions for how to best build upon the thesis research in future work. Otherwise these suggestions should appear in the conclusion of the thesis.

# Chapter 2

## A new chapter

Your second chapter probably has novel material in it. Hopefully. Here's a math object written using a shortcut that I defined in a separate file:  $\hat{P}_0$ .

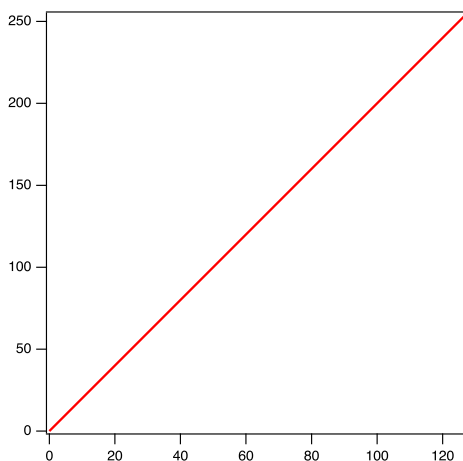


Figure 2.1: A figure caption!

More material. Very exciting! Take a look at this reference to Figure 2.1. Alternatively, you might want to use the `cleveref` package, which would give you this: fig. 2.1. Or, you could use `hyperref`'s `autoref` command: Figure 2.1. I think that `cleveref` is the best of these options, because it lets you do multiple references gracefully and consistently: fig. 2.1 and table 2.1. Figure 2.1 can also be cited at the start of a sentence using `Cref` instead of `cref`; note the different result.

1	2	3
4	5	6
7	8	9

Table 2.1: Another caption! This one is for a table, not a figure.

# Appendix A

## Stuff

If you need an appendix, it will go here.

$$a^n + b^n \neq c^n \tag{A.1}$$

$$n > 2 \tag{A.2}$$

# Appendix B

## More stuff

A second appendix. Look at you, you over achiever.