

[THESIS TITLE]

by

[YOUR FULL NAME]

Submitted in partial fulfillment of the requirements for the degree of  
[Name of Degree]

[Department]

CASE WESTERN RESERVE UNIVERSITY

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## PREFACE

[You may provide a preface if you wish, it is entirely optional. If you do not wish to provide a preface, simply delete the entire preface block, including the begin and end statements.]

## ACKNOWLEDGEMENTS

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## LIST OF ABBREVIATIONS

**LEO** Low Earth Orbit. 1

## GLOSSARY

**asteroid** A very small planet ranging from 1,000 km to less than one km in diameter.

Asteroids are found commonly around other larger planets. 3

**galaxy** A system of stars independent from all other systems. 1

## LIST OF SYMBOLS

$\alpha$	Angle of attack (degrees)
$\mathbb{R}$	Real numbers
$c$	Speed of light in a vacuum (m/s)

[Thesis Title]

Abstract

by

[YOUR FULL NAME]

[Include the text of the abstract here. Dissertation abstracts must not exceed 350 words. Thesis abstracts should be limited to 150 words. There must be one overall abstract for the entire work, even if the ETD consists of separate articles. Individual abstracts can be included in addition to, but not instead of the main abstract.]

## Chapter 1

### INTRODUCTION

Start off all chapters with `chapter`. `\extrachapter` will give you an unnumbered chapter that's added to the Table of Contents. Labeling is also good practice. That way you can reference sections and chapters from anywhere. For instance, I can reference Sec. 1.1 from here.

Here's an example of a citation [1]. Here's another [2]. These will appear in the big bibliography at the end of the thesis.

If you're new to  $\text{\LaTeX}$  and would like to begin by learning the basics, please see our free online course available at:

<https://www.overleaf.com/latex/learn/free-online-introduction-to-latex-part-1>

You can define terms and/or symbols in a glossary as you talk about key terms in your thesis. So what's a galaxy? These can also include acronyms, such as Low Earth Orbit, which is abbreviated as LEO. You should always define acronyms at the point of first use in the text, in addition to including them in the glossary.

#### 1.1 This is a Section

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Check this out! I can reference a figure number in the text of the document by referring to Fig. 1.1.



Figure 1.1: This is a figure.

### 1.1.1 *This is a Subsection*

Area	Count
North	100
South	200
East	80
West	140

Table 1.1: This is a table.

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I can add another glossary entry wherever I like, and I can make it capitalized by using the macro command with a capital letter like this: Asteroid. The quadratic formula is given in Eq. (1.1).

$$x = \frac{-B \pm \sqrt{B^2 - 4AC}}{2A} \quad (1.1)$$

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## 1.2 This is Another Section

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*Chapter 2*

## THIS IS THE SECOND CHAPTER

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*Chapter 3***THIS IS THE THIRD CHAPTER**

See? I can reference the first chapter from all the way down here. I think the first chapter was Chapter 1.

*Chapter 4*

THIS IS THE FOURTH CHAPTER

*Chapter 5*

THIS IS THE FIFTH CHAPTER

*Chapter 6*

THIS IS THE SIXTH CHAPTER

*Chapter 7*

THIS IS THE SEVENTH CHAPTER

*Chapter 8*

THIS IS THE EIGHTH CHAPTER

*Appendix A*

QUESTIONNAIRE

## BIBLIOGRAPHY

- [1] Mark Goresky and Robert MacPherson. “On the topology of complex algebraic maps”. In: *Algebraic Geometry Proceedings, La Rábida, Lecture Notes in Mathematics*. 961. 1981. doi: 10.1007/BFb0071272.
- [2] Adam Parusiński and Piotr Pragacz. “Characteristic classes of hypersurfaces and characteristic cycles”. preprint. Jan. 1998.