Some Title

by

Some Author

A THESIS SUBMITTED IN PARTIAL FULFILMENT OF
THE REQUIREMENTS FOR THE DEGREE OF

BACHELOR OF SCIENCE

in

Honours Astrophysics

(Department of Astronomy and Physics, Dr. David B. Guenther supervising faculty)

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SAINT MARY'S UNIVERSITY

September 22, 2021

Abstract

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by *Some Author*

submitted on September 22, 2021:

Contents

List of Figures

List of Tables

Chapter 1

Introduction

your stuff here! Here is how you make a reference to ref1 (**?**). Here is how you make a reference to ref2 (**?**). There it is.

Abbate et al. (2018)

1.1 A Section

This is how you put in a section within a chapter. Here is how you make reference to a Figure, like Figure **??** below.

1.1.1 Sub-Section

You can make subsections, too.

Chapter 2

Another Chapter

Here is how you add in another chapter. Here is how you make a table.

Here is how you can put in an equation (although this one isn't labeled).

$$\tan(\theta_{tg}) = \frac{x_{tg}}{Z_0} \; and \; \tan(\phi_{tg}) = \frac{y_{tg}}{Z_0}$$

Here is an equation done differently, labeled properly, which could be referenced using equation 2.1:

$$p = (\delta + 1) \cdot p_{cent} \tag{2.1}$$

Table 2.1: Comparison of Indices of Refraction for Various Materials

Medium	Index of Refraction(n)
Vacuum	1
CO_2	1.00045
Aerogel	1.0-1.05
Water	1.33

Appendix A

Name of your first Appendix

If you wanted an appendix, it would go in like this. It would be referenced using Appendix A.

Bibliography

F. Abbate, A. Possenti, A. Ridolfi, P C C Freire, F. Camilo, R N Manchester, and N D'Amico. Internal gas models and central black hole in 47 Tucanae using millisecond pulsars. *Monthly Notices of the Royal Astronomical Society*, 481(1): 627–638, nov 2018.