Thesis Title

by

Author Name

A thesis submitted in partial fulfillment of the requirements for the degree of

Master of Science

Department of Computing Science

University of Alberta

Abstract

Your abstract here. The abstract is not allowed to be more than 700 words and cannot include non-text content. It must also be double-spaced. The rest of the document must be at least one-and-a-half spaced.

Preface

A preface is required if you need to describe how parts of your thesis were published or co-authored, and what your contributions to these sections were. Also mention if you intend to publish parts of your thesis, or have submitted them for publication. It is also required if ethics approval was needed for any part of the thesis.

Otherwise it is optional.

See the FGSR requirements for examples of how this can look.

To the Count

For teaching me everything I need to know about math.

I think there is a world market for maybe five computers.

– Thomas J. Watson, IBM Chairman, 1943.

Acknowledgements

Put any acknowledgements here, such as to your supervisor, and supervisory committee. Remember to list funding bodies, and external scholarships. The acknowledgements can't be more than 2 pages in length.

Acknowledgements are optional, but are recommended by the FGSR.

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Chapter 1

Introduction

Here is a test reference [1]. These additional lines have been added just to demonstrate the spacing for the rest of the document. Spacing will differ between the typeset main document, and typeset individual documents, as the commands to change spacing for the body of the thesis are only in the main document.

1.1 Cross-Referencing

Cross-references between child documents are possible using the `xr-hyper` package.

Text on a new page, to test top margin size.

A sample equation (1.1) follows:

$$y = \frac{1}{x^2} + 4 \tag{1.1}$$

A sample table, Table 1.1:

Non-wrapping column	Wrapping column
This is an ordinary column	This is a balanced-width column, where text will wrap

Table 1.1: A sample table created using the `tabulary` package

Chapter 2

Conclusion

Referring back to the introduction (Section 1.1), we see that cross-references between files are correctly handled when the files are compiled separately, and when the main document is compiled. When the main document is compiled, cross-references are hyperlinked. The values of the cross-references will change between the two compilation scenarios, however. (Each chapter, compiled on its own, becomes "Chapter 1".)

Caution: For cross-references to work, when files are compiled separately, the referenced file must be compiled at least once before the referring file is compiled.

References

[1] D. E. Knuth, *The Art of Computer Programming, Volume I: Fundamental Algorithms.* Addison-Wesley, 1968. 1

Appendix A

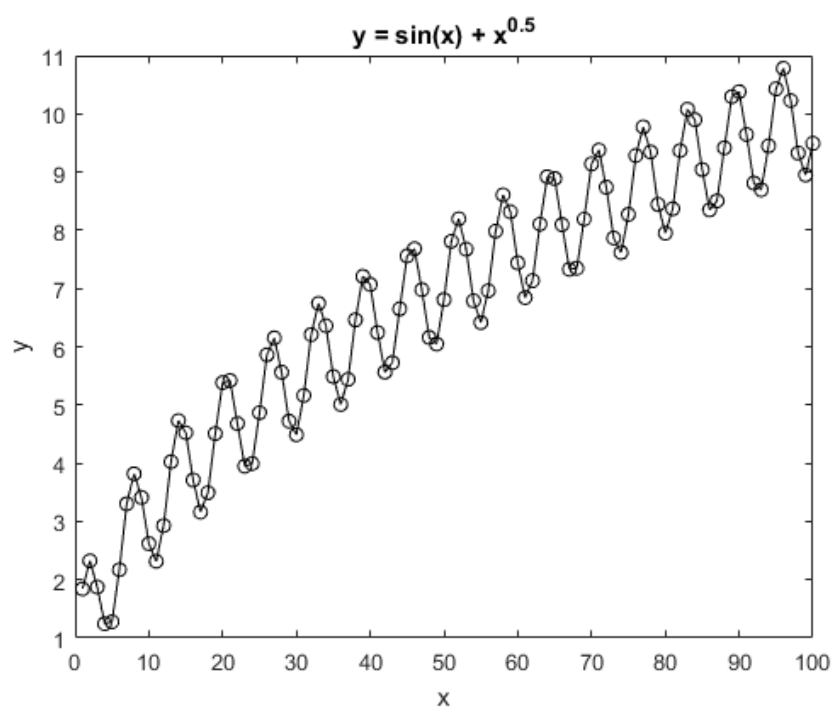# Background Material

Material in an appendix.

We plot an equation in figure A.1.

Figure A.1: A graph of $y = \sin(x) + \sqrt{x}$