

A Ph.D Thesis Template Conforming to Requirements at the University of Michigan

by

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of the requirements for the degree of
Doctor of Philosophy
(Name of the Program)
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Dedication

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Acknowledgments

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Preface

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List of Acronyms

AA Ann Arbor.

UM University of Michigan.

List of Symbols

| Category 1 | | Category 2 | |
|------------|----------|------------|---------|
| Symbol 1 | α | Symbol 2 | β |

Abstract

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Chapter 1.

Introduction

This is an adjustment of the Komascript scrbook class to serve as a template for Ph.D. theses at the University of Michigan.

Chapter 2.

Overview

2.1. Compilation

The recommended method of typesetting is to use `latexmk` which handles acronyms via the `latexmkrc` file.

2.2. Fonts

Fonts are configured in `preamble.tex` via the `Komascript` font settings, using the `fontspec` and `unicode-math` packages.

$$e^{\varphi} + 5 = 0 \tag{2.1}$$

2.3. Citations

Citations are handled with `biblatex` and `biber` as backend. Different citation styles can be used by changing the arguments when loading the `biblatex` package. Example citation: [\[1\]](#).

2.4. Acronyms

Acronyms are handled via the `glossaries` package that automatically adds acronyms to a list of acronyms. Example: `University of Michigan (UM)` is located in `Ann Arbor (AA)`. `UM` is located in `AA`.

2.5. Figures

Tikz figures are pre-compiled via the `external` command. To name a figure, use the `tikzsetnextfilename` command.

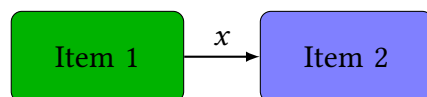


Figure 2.1: Example illustration.

2.6. List of Todos

The `todonotes` package is a convenient way to keep a list of todos during the writing.

Todos can be hidden by loading the package the `disable` argument.

Appendix A.

Supplements

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Table A.1: Example table. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

| | Field 1 | Field 2 |
|--------------|---------|---------|
| Experiment 1 | 1 | 2 |
| Experiment 2 | 3 | 4 |

A.1. Appendix section

A.1.1. Appendix subsection

Appendix subsubsection

Bibliography

- [1] C. E. Shannon. “The Mathematical Theory of Communication”. In: *The Bell System Technical Journal* 27 (1949), pp. 379–423. doi: [10.1002/j.1538-7305.1948.tb01338.x](https://doi.org/10.1002/j.1538-7305.1948.tb01338.x).