

# ANALYSIS ON SOME DATA USING SOME TECHNIQUE

A Dissertation Presented for the  
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Degree  
The University of Tennessee, Knoxville

Student A. Name  
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# ABSTRACT

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# PREFACE

A personal statement about the purpose and scope of the thesis/dissertation could be included in the preface. The tone of the preface, however, must be academic and appropriate to scholarly work. This page is optional.

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# LIST OF ABBREVIATIONS

AAA	American Anthropology Association
APA	American Psychological Association
IEEE	Institute of Electrical and Electronics Engineers
AI	Artificial intelligence
CNN	Convolutional neural networks
SaaS	Software as a service
R&D	Research and development
UTK	University of Tennessee, Knoxville

# LIST OF SYMBOLS

$\phi_p$	Horizontal stress
$\beta$	Angle between the normal and horizontal planes
$\pi$	Pi
$i$	Imaginary unit
$P_2$	Universal parabolic constant
$t_i$	Time at step $i$
$\Delta\mu$	Change in energy

# CHAPTER 1

## INTRODUCTION

This is a very short guide to an unofficial thesis/dissertation template for the University of Tennessee. It is based on the 2017 thesis specifications but can be easily altered as the guidelines are changed. This template requires a basic knowledge of  $\text{\LaTeX}$  and should cover the basic requirements in terms of required packages and functionality. for the University of Tennessee.

The general structure of this template is based on the tree shown in [Figure 1.1](#). The titles of the folders are self descriptive and should guide you to proper file placement. Note that this is only a suggested model that could be modified to fit your own organizational structure.

### 1.1 A Section

This is a paragraph found in a section part.

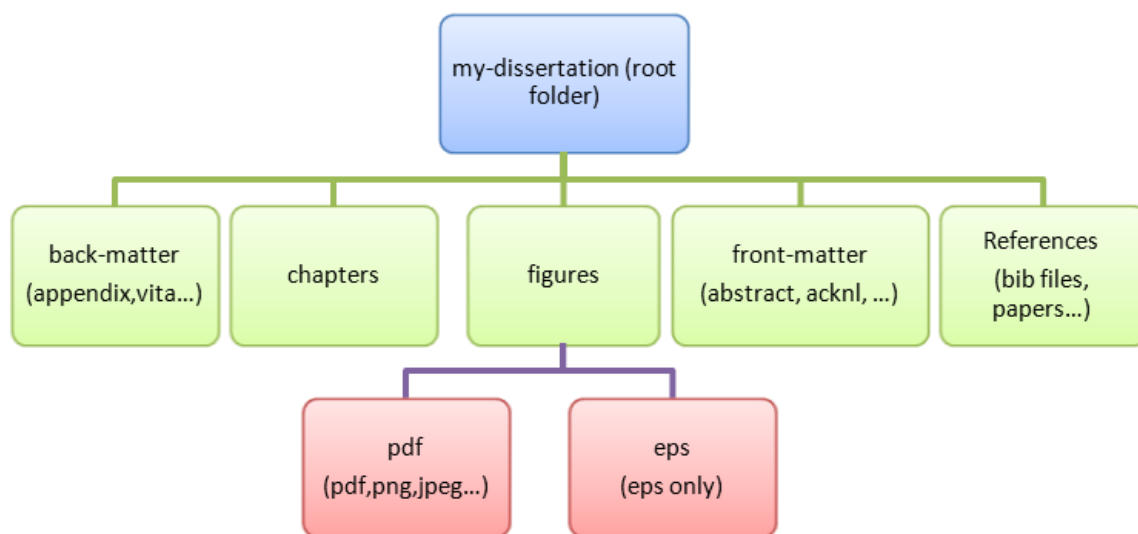


Figure 1.1: UT thesis template folder structure.

### 1.1.1.1 A subsection

This is a paragraph found in a subsection part. For more information, check:

[http://en.wikibooks.org/wiki/LaTeX/Floats,\\_Figures\\_and\\_Captions](http://en.wikibooks.org/wiki/LaTeX/Floats,_Figures_and_Captions)

#### 1.1.1.1.0 A subsubsection

This is a paragraph found in a subsubsection part.

## 1.2 Multipart figures

This is a paragraph found in another section part. For multipart figures, you need to use the package “subfig”. here’s an example

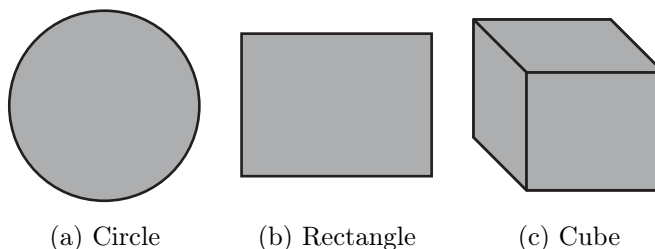


Figure 1.2: Geometric shapes.

col1	col2	col3
Multiple rows	cell2	cell3
	cell5	cell6
	cell8	cell9

Table 1.1: A table example.

Discussing some analysis results from [Table 1.1](#). It all started at [section 1.1](#) and never ended . . . .

# CHAPTER 2

## EXPERIMENTS

This is a citation [Anzt et al. \(2016\)](#). This is a very short guide to an unofficial thesis/dissertation template for the University of Tennessee<sup>1</sup>. It is based on the 2017<sup>2</sup> thesis specifications but can be easily altered as the guidelines are changed. This template requires a basic knowledge of L<sup>A</sup>T<sub>E</sub>X and should cover the basic requirements in terms of required packages and functionality.

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<sup>1</sup>UTK is a public university in Knoxville, TN

<sup>2</sup>The 2017 template was based on a 2016 template

## CHAPTER 3

### RESULTS

This is more text, see [Anzt et al. \(2015\)](#).

## CHAPTER 4

## CONCLUSIONS

This is the last chapter and we can reference previous chapters, for example, [Chapter 1](#) provided the introduction.



## LIST OF REFERENCES

- Anzt, H., Kreutzer, M., Ponce, E., Peterson, G. D., Wellein, G., and Dongarra, J. (2016). Optimization and performance evaluation of the IDR iterative Krylov solver on GPUs. *International Journal of High Performance Computing Applications*.
- Anzt, H., Ponce, E., Peterson, G. D., and Dongarra, J. (2015). GPU-accelerated co-design of induced dimension reduction: algorithmic fusion and kernel overlap. In *Proceedings of the 2nd International Workshop on Hardware-Software Co-Design for High Performance Computing (Co-HPC'15)*, number 5. ACM.

## APPENDIX

## APPENDIX A

Here is a math equation:  $y = mx + b$

The above equation represents a line.

## APPENDIX B

This is another appendix for testing format.

# VITA

The vita should be written in narrative form, not resume or curriculum vitae form. It should contain appropriate academic and professional information about the author/student.

Because copies of the manuscript will be available to the public, personal information, such as the student's address or phone number, should not be included.