

**This is the title of a thesis submitted to Iowa State University**

**Note that only the first letter of the first word and proper names are capitalized**

by

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in partial fulfillment of the requirements for the degree of

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The student author, whose presentation of the scholarship herein was approved by the program of study committee, is solely responsible for the content of this dissertation/thesis. The Graduate College will ensure this dissertation/thesis is globally accessible and will not permit alterations after a degree is conferred.

Iowa State University

Ames, Iowa

2021

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## **DEDICATION**

I would like to dedicate this thesis to my wife Glenda and to my daughter Alice without whose support I would not have been able to complete this work.

# TABLE OF CONTENTS

	Page
LIST OF TABLES . . . . .	iv
LIST OF FIGURES . . . . .	v
ACKNOWLEDGMENTS . . . . .	vi
ABSTRACT . . . . .	vii
CHAPTER 1. GENERAL INTRODUCTION . . . . .	1
1.1 Overview . . . . .	1
1.1.1 Hypothesis . . . . .	1
1.1.2 Second Hypothesis . . . . .	2
1.2 Criteria Review . . . . .	2
1.3 References . . . . .	2
CHAPTER 2. PAPER 1 TITLE GOES HERE . . . . .	4
2.1 Abstract . . . . .	4
2.2 Overview . . . . .	4
2.3 Introduction . . . . .	4
2.3.1 Hypothesis . . . . .	4
2.3.2 Second Hypothesis . . . . .	5
2.4 Criteria Review . . . . .	5
2.5 Conclusion . . . . .	5
2.6 Appendix A: Appendix A Title Goes Here After The Colon . . . . .	5
2.6.1 Procedure details . . . . .	5
2.7 Appendix B: Appendix B Title Goes Here After The Colon . . . . .	5
2.7.1 Procedure details . . . . .	6

**LIST OF TABLES****Page**

**LIST OF FIGURES****Page**

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## **ABSTRACT**

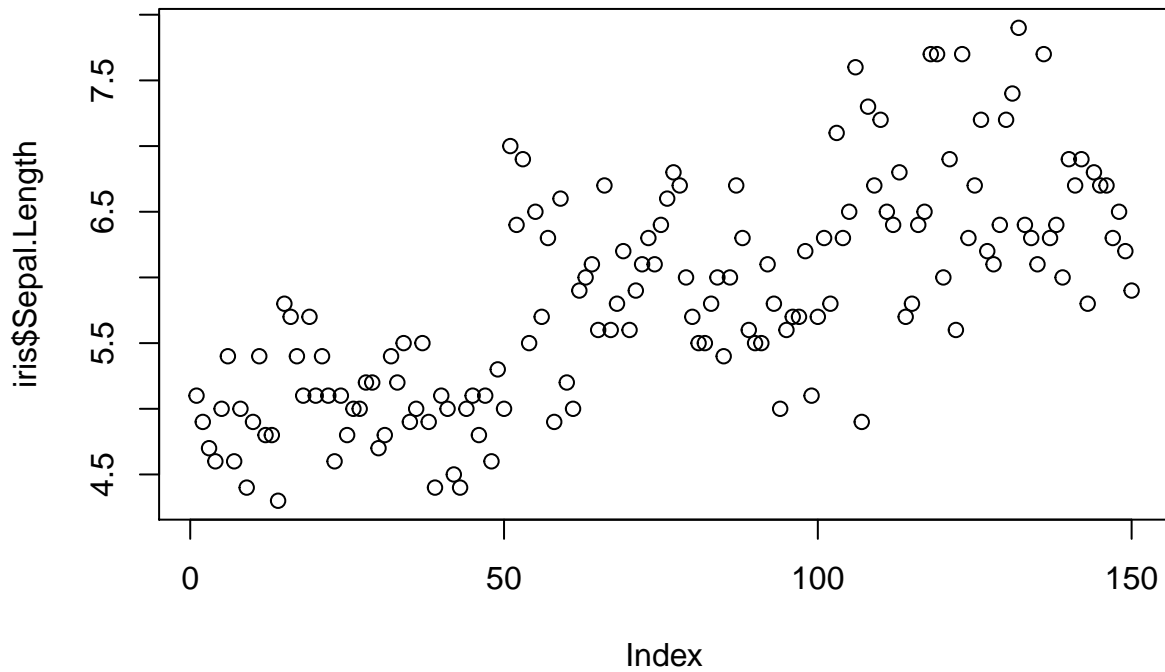
This is the text of my abstract that is part of the thesis itself. The abstract describes the work in general and the heading and style match the rest of the document.

## CHAPTER 1. GENERAL INTRODUCTION

This chapter will have the introduction to your thesis as a whole.

This is the opening paragraph to my thesis which explains in general terms the concepts and hypothesis which will be used in my thesis.

With more general information given here than really necessary.



### 1.1 Overview

Here initial concepts and conditions are explained and several hypothesis are mentioned in brief.

#### 1.1.1 Hypothesis

Here one particular hypothesis is explained in depth and is examined in the light of current literature.



### 1.1.1.1 Parts of the hypothesis

Here one particular part of the hypothesis that is currently being explained is examined and particular elements of that part are given careful scrutiny.

### 1.1.2 Second Hypothesis

Here one particular hypothesis is explained in depth and is examined in the light of current literature.

#### 1.1.2.1 Parts of the second hypothesis

Here one particular part of the hypothesis that is currently being explained is examined and particular elements of that part are given careful scrutiny [Allen \(1984\)](#), [Bruner \(1960\)](#), [de la Vallée Poussin \(1900\)](#) abcd.

## 1.2 Criteria Review

Here certain criteria are explained thus eventually leading to a foregone conclusion.

## 1.3 References

- Allen, B. S. (1984). System-assigned learning strategies and cbi. *Journal of Instructional Computing Research*, 1(1):3–18.
- Ancey, C., Coussot, P., and Evesque, P. (1996). Examination of the possibility of a fluid-mechanics treatment of dense granular flows. *Mechanics of Cohesive-frictional Materials*, 1(4):385–403.
- Aupetit, B. (1991). *A Primer on Spectral Theory*. Springer-Verlag, New York.
- Bruner, J. (1960). *The process of education*. Random House, New York.
- Cox, S. R. (1974). Computer-assisted instruction and student performance in macroeconomic principles. *The Journal of Economic Education*, 6(1):29–37.
- de la Vallée Poussin, C. L. X. J. (1900). A strong form of the prime number theorem, 19th century.

Douglas, R. G. (1972). *Banach Algebra Techniques in Operator Theory*. Academic Press, New York.

Radjavi, H. and Rosenthal, P. (1973). *Invariant Subspaces*. Springer-Verlag, New York.

Struss, J. A. (1996). An investigation of the sequence of utilizing a simulation in an introductory programming course. Master's thesis, Iowa State University.

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## CHAPTER 2. PAPER 1 TITLE GOES HERE

### Authors and Affiliations

Modified from a manuscript to be submitted to/ under review/ published in *Name of the Journal*

### 2.1 Abstract

This is the text of my abstract that is part of the thesis itself. The abstract describes the work in the first paper general. You can use the same abstract as your paper here.

### 2.2 Overview

The construct of this section or any further section is same as the authors paper. This is the opening paragraph to my thesis which explains in general terms the concepts and hypothesis which will be used in my thesis.

With more general information given here than really necessary.

### 2.3 Introduction

Here initial concepts and conditions are explained and several hypothesis are mentioned in brief.

[Allen \(1984\)](#), [Bruner \(1960\)](#) and [Cox \(1974\)](#) did the initial work in this area. But in Struss' work [[Struss \(1996\)](#)] the definitive model is seen.

#### 2.3.1 Hypothesis

Here one particular hypothesis is explained in depth and is examined in the light of current literature.

### **2.3.1.1 Parts of the hypothesis**

Here one particular part of the hypothesis that is currently being explained is examined and particular elements of that part are given careful scrutiny.

### **2.3.2 Second Hypothesis**

Here one particular hypothesis is explained in depth and is examined in the light of current literature.

#### **2.3.2.1 Parts of the second hypothesis**

Here one particular part of the hypothesis that is currently being explained is examined and particular elements of that part are given careful scrutiny.

## **2.4 Criteria Review**

Here certain criteria are explained thus eventually leading to a foregone conclusion.

## **2.5 Conclusion**

The conclusion of the paper goes here. [Cox \(1974\)](#) [Ancey et al. \(1996\)](#), [Radjavi and Rosenthal \(1973\)](#) [Aupetit \(1991\)](#), [Douglas \(1972\)](#)

## **2.6 Appendix A: Appendix A Title Goes Here After The Colon**

If there is an appendix that needs to go with the paper it can be as a section [Aupetit \(1991\)](#)

### **2.6.1 Procedure details**

Details of the paper specific appendix procedures

## 2.7 Appendix B: Appendix B Title Goes Here After The Colon

If there is an appendix that needs to go with the paper it can be as a section [Aupetit \(1991\)](#)

### 2.7.1 Procedure details

Details of the paper specific appendix procedures