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DISSERTATION TITLE

A Dissertation submitted in partial fulfillment of the requirements for the degree of  
Doctor of Philosophy at Virginia Commonwealth University.

by

STUDENT NAME

Student degree with university - Dates

Director: Dissertation director's name,  
Director Title, Department of Computer Science

Virginia Commonwealth University

Richmond, Virginia

December, 2013

## Acknowledgements

Rebum fabellas ea ius, mea electram ullamcorper no, et sed graece offendit nominati. Id vel nonumy commune sadipscing, eros philosophia pri ne, ea duo splendide hendrerit deterruisset. Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus. Ei eam errem minimum deserunt, oblique interesset eu vel, te erroribus occurreret vix.

## TABLE OF CONTENTS

Chapter	Page
Acknowledgements . . . . .	i
Table of Contents . . . . .	ii
List of Tables . . . . .	ii
List of Figures . . . . .	iii
Abstract . . . . .	v
1 Introduction . . . . .	1
1.1 Section in a chapter . . . . .	1
1.1.1 Sub-section One . . . . .	1
1.1.2 Sub-section Two . . . . .	3
1.1.3 Sub-section Three . . . . .	3
1.2 Contribution . . . . .	3
2 Literature Review . . . . .	4
3 Methodology . . . . .	5
3.1 Using Equations . . . . .	5
3.2 Using Mathematical Expressions . . . . .	5
3.3 Using Sub-figures . . . . .	5
4 Results . . . . .	8
Appendix A Abbreviations . . . . .	9
Appendix B Other . . . . .	10
References . . . . .	11
Vita . . . . .	12

## LIST OF TABLES

Table	Page
1 Table Title . . . . .	1

## LIST OF FIGURES

Figure	Page
1    Grad School Energy Levels . . . . .	2
2    Comics from <i>XKCD</i> . . . . .	7

## **Abstract**

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By Student Name

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erroribus occurreret vix

# CHAPTER 1

## INTRODUCTION

Section 1.1 describes the background of this dissertation.

### 1.1 Section in a chapter

Rebum fabellas ea ius, mea electram ullamcorper no, et sed graece offendit nominati. Id vel nonumy commune sadipscing, eros philosophia pri ne, ea duo splendide hendrerit deterruisset. Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus. Ei eam errem minimum deserunt, oblique interesset eu vel, te erroribus occurreret vix [1]. Figure 1 describes quick brown fox jumps over the dog.

#### 1.1.1 Sub-section One

Rebum fabellas ea ius, mea electram ullamcorper no, et sed graece offendit nominati. Id vel nonumy commune sadipscing, eros philosophia pri ne, ea duo splendide hendrerit deterruisset.

Table 1. Table Title

C1	C2	C3
a	b	cc
01	3	0.7
10	string	string
31	63	127



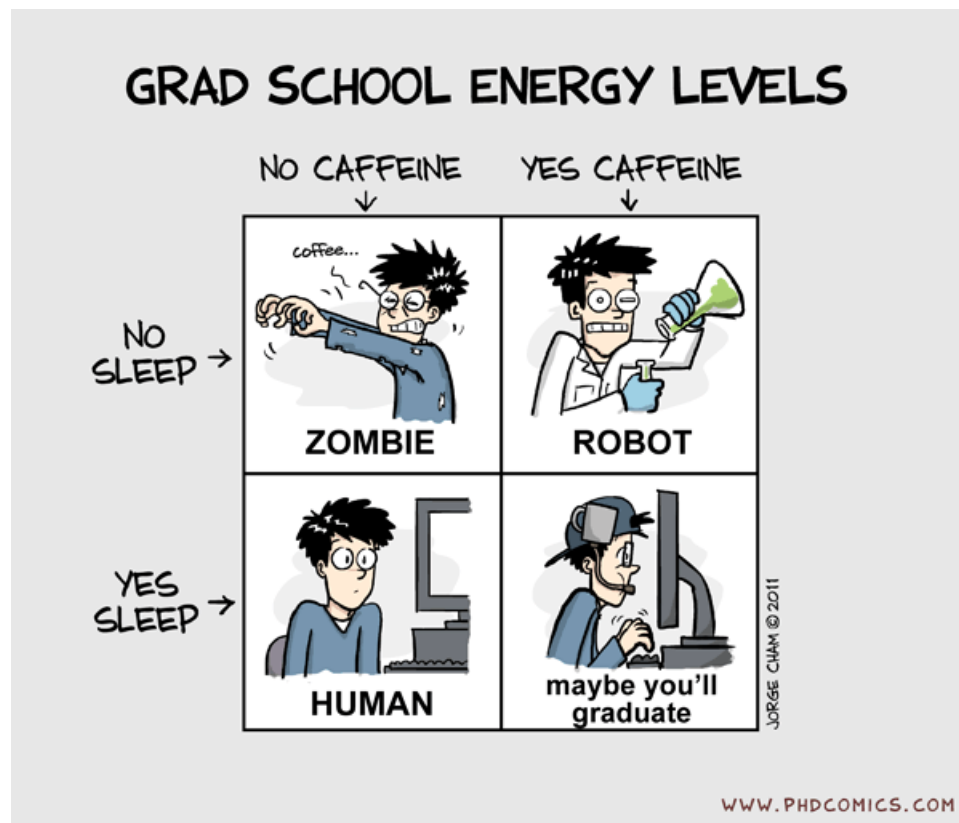


Fig. 1. Grad School Energy Levels

### **1.1.2 Sub-section Two**

Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus.

### **1.1.3 Sub-section Three**

Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus.

## **1.2 Contribution**

## **CHAPTER 2**

### **LITERATURE REVIEW**

This document follows the VCU dissertation guidelines listed at:

VCU Dissertation Manual [PDF]

## CHAPTER 3

### METHODOLOGY

#### 3.1 Using Equations

Equation 3.1 represents ..

$$F_2(G_i, T_j) = \frac{B_{i,j}^1}{\sum_{k=1}^t B_{i,k}^1} + \frac{B_{i,j}^2}{\sum_{k=1}^t B_{i,k}^2} \quad (3.1)$$

#### 3.2 Using Mathematical Expressions

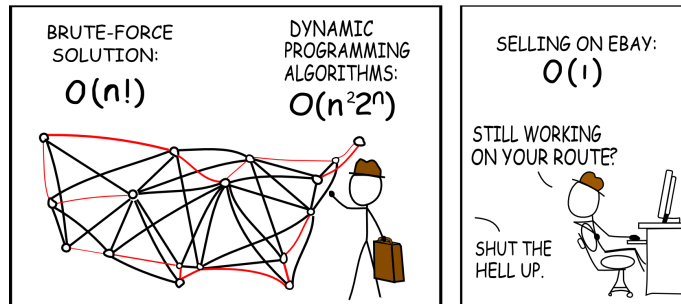
Use mathematical expressions between dollar symbols (as shown) for unique representation within a paragraph.  $-0.5 * \log(P_1 P_2)$

Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus. Following methods are used:

1. Method 1
2. Method 2
3. Method 3

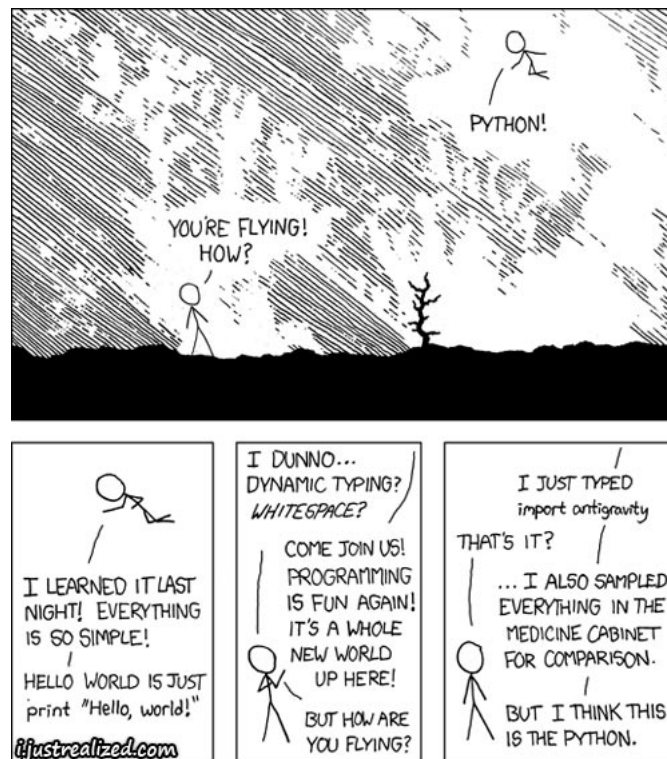
#### 3.3 Using Sub-figures

Figure 2 shows sub-figures. PDFs can also be imported to create a figure.

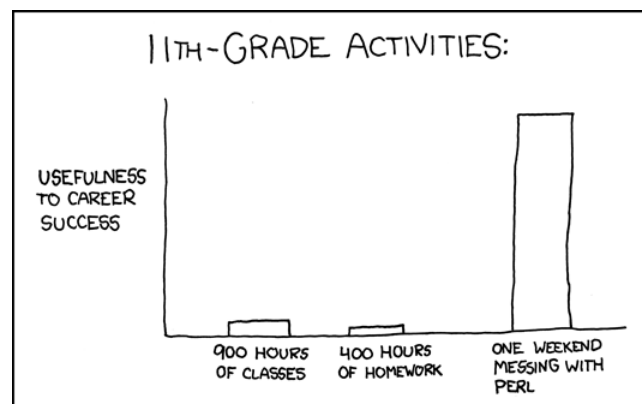


xkcd.com

(a) Algorithm Complexity



(b) Python import antigravity



(c) Perl

Fig. 2. Comics from *XKCD*

## CHAPTER 4

### RESULTS

## Appendix A

### ABBREVIATIONS

VCU Virginia Commonwealth University

RVA Richmond Virginia



## Appendix B

### OTHER

Rebum fabellas ea ius, mea electram ullamcorper no, et sed graece offendit nominati. Id vel nonummy commune sadipscing, eros philosophia pri ne, ea duo splendide hendrerit deterruisset. Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus.

## REFERENCES

- [1] K.S.Narendra and K.Parthsarathy. "Identification and Control of Dynamical System using Neural Networks". In: *IEENN* 1.1 (1990), pp. 4–27.

## VITA

Rebum fabellas ea ius, mea electram ullamcorper no, et sed graece offendit nominati. Id vel nonumy commune sadipscing, eros philosophia pri ne, ea duo splendide hendrerit deterruisset. Eam delectus constituto ex, usu ad quot tollit adipisci. Quando mollis corrumpit ea mel, omnium singulis neglegentur id mea. Ut usu nostro audire forensibus.