A Concrete Work of Abstract Genius

A Dissertation Presented

by

John Doe

to

The Faculty of the Graduate College

of

The University of Vermont

In Partial Fullfillment of the Requirements
for the Degree of Doctor of Philosophy
Specializing in Applied Mathematics

May, 2014

Accepted by the Faculty of the Graduate College, The University of Vermont, in partial fulfillment of the requirements for the degree of Doctor of Philosophy, specializing in Applied Mathematics.

Dissertation Examination Committee:

Bunny Lebowski, Ph.D. — Advisor

Walter Sobchak, Ph.D.

Carl Hungus, Ph.D.

V.I. Lenin, Ph.D. — Chairperson

Cynthia J. Forehand, Ph.D. — Dean, Graduate College

Date: April 26, 2014

Abstract

This a concrete work of abstract genius, comparable only to Gödel's second incompleteness result, and John Fante's "1933 Was A Bad Year."

in memory of

Alan Turing (1912-1954)

Acknowledgements

I'd like to take this opportunity to pour a little of my 40oz. out for all the homies that didn't make it. Especially to my homie Andy for setting up the LaTeX, :).

Table of Contents

List of Figures

List of Tables

Chapter 1

Introduction and Literature Review

Chapter abstract goes here.

1.1 Introduction

Introduce my dissertation topic.

1.2 Some Section

Blah, blah, blah.

Table 1.1: Summary of results

$N = NP$

Here is a citation, (Skalka and Smith 2004).

1.2.1 Some subsection

Blah, blah, blah.

Figure 1.1: Main result

$$N = NP$$

Chapter 2

Methods

2.1 Software

Here is a citation (Bongard 2009).

Chapter 3

Results

3.1 Main Result

Here is a different citation (Bongard and Paul 2000).

3.1.1 More Details

And one more (Auerbach and Bongard 2010).

Bibliography

Auerbach, J. E. and J. C. Bongard (2010). Evolving CPPNs to grow three-dimensional physical structures. In *Proceedings of the Genetic and Evolutionary Computation Conference (GECCO-2010)*, New York, NY, pp. 627–634. ACM.

Bongard, J. (2009). Accelerating self-modeling in cooperative robot teams. *IEEE Transactions on Evolutionary Computation 13*(2), 321–332.

Bongard, J. C. and C. Paul (2000). Investigating morphological symmetry and locomotive efficiency using virtual embodied evolution. In *From Animals to Animats: The Sixth International Conference on the Simulation of Adaptive Behaviour*, pp. 420–429. MIT Press.

Skalka, C. and S. Smith (2004, November). History effects and verification. In *Asian Programming Languages Symposium*.

Appendix A: Parameters

Table A.1: Algorithm Parameters.

Parameter Name	**Value**
Population Size	1000
Max Generations	5000
Mutation Rate	0.03