INVENTING THE SUIT AND SAVING THE WORLD: ONE HUMAN’S STORY OF UNPARALLELED GENIUS, INTERMINABLE COURAGE, AND GENERAL AWESOMENESS

by

Anthony Stark

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APPROVED:

Bruce Banner, Committee Chair

Thor Odinson, Committee Member

Natasha Romonoff, Committee Member

Jane Van Dyne, Committee Member

Clinton F. Barton, Chair

Department of Mechanical Engineering

Nick Fury, Dean

College of Business and Security Management

Richard Collins, Director

Graduate School

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Abstract to be less than 300 words. Write as a single block without indentation. The abstract is required. An abstract is a concise summary of your thesis. It should summarize your thesis, its results, and their broader relevance. It allows readers determine the relevance of your thesis for their own research. It also communicates your key findings to those who don’t have the time to read your entire thesis.

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# Acknowledgements

Write as a paragraph, or paragraphs, with indentation. The acknowledgements section is optional. I would like to extend my heartfelt thanks to the following entities, without whom this thesis would not have been possible. My alarm clock, for its unwavering commitment to disrupting my dreams at the most inconvenient times, ensuring that I never got too comfortable in my slumber. The coffee machine, which faithfully dispensed caffeine on demand, turning me into a jittery, sleep-deprived academic zombie during many late-night writing sessions. The endless stream of cat videos on the internet, which, while distracting, provided much-needed moments of respite from the grueling task of researching and writing. My neighbor’s dog, who barked tirelessly at all hours of the day, serving as a reminder that sometimes life’s challenges come in the form of non-human companions. The ghost of Albert Einstein, who may or may not have whispered the secrets of the universe to me during my late- night epiphanies. Though his contributions remain unverifiable, I’d like to think I owe him a nod of appreciation. Last but not least, the cosmic forces of the universe, for conspiring to bring together this strange amalgamation of elements and events, leading to the creation of this peculiar thesis. In conclusion, this thesis is a testament to the unpredictable, bizarre, and at times, maddening journey of academic pursuit. I am grateful for all the oddities and idiosyncrasies that contributed to its completion. I acknowledge the support of the graduate school for a travel grant in Fall 2022. I acknowledge the support of the National Science Foundation under grant 2012345.

# Table of Contents

[Copyright iii](#_Toc148738492)

[Dedication iv](#_Toc148738493)

[Abstract v](#_Toc148738494)

[Plain Word Summary vi](#_Toc148738495)

[Acknowledgements vii](#_Toc148738496)

[Table of Contents viii](#_Toc148738497)

[List of Figures ix](#_Toc148738498)

[List of Tables x](#_Toc148738499)

[Chapter 1: Introduction 1](#_Toc148738500)

[Chapter 2: Methods 2](#_Toc148738501)

[2.1 Study System 2](#_Toc148738502)

[2.2 Mathematical Model 2](#_Toc148738503)

[2.3 Statistical Model 2](#_Toc148738504)

[Chapter 3: Results 4](#_Toc148738505)

[3.1 Steady State Solution 4](#_Toc148738506)

[3.2 Non-territorial Individual Analysis 4](#_Toc148738507)

[Chapter 4: Discussion 6](#_Toc148738508)

[References 7](#_Toc148738509)

[Appendix A: Supplemental Material 8](#_Toc148738510)

[Appendix B: More Supplemental Material 9](#_Toc148738511)

# List of Figures

[Figure 1.1: A capybara wearing a suit. Probably has an important meeting to get to. 1](#_Toc148731799)

[Figure A.1: Frog looking real dapper. 8](#_Toc148731800)

# List of Tables

[Table 2.1: Model components and parameters making up advection diffusion model as well as biological interpretation in model’s system. 3](#_Toc148731628)

[Table 3.1: They all seem to be negative. Maybe that’s significant? Maybe it’s not. Why are a bunch of them 0.1? 4](#_Toc148731629)

# Introduction

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Figure .: A capybara wearing a suit. Probably has an important meeting to get to.

# Methods

## 2.1 Study System

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## 2.2 Mathematical Model

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## 2.3 Statistical Model

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|  |  |  |
| --- | --- | --- |
| Parameter | Interpretation | Dimensions |
| **x** | spatial location | [1x2] |
| ui(x,t) | individual territory | [1x1] (i=5) |
| Vhr | vector field defining available space | [1x1] |
| B(**x**) | perceptive range of individual | [1x12] |
| sj(x,t|B(x)) | Spatially averaged effect in perceptive range | [1x1] (j=4) |
| BCi,j | effect of conspecific (from iSSA) | [5x5] |

Table .: Model components and parameters making up advection diffusion model as well as biological interpretation in model’s system.

# Results

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## 3.1 Steady State Solution

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|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | TET052 | TET030 | TET072 | TET062 | TET074 |
| TET052 | - | -0.3 | -0.1 | -0.1 | -0.14 |
| TET030 | -0.26 | - | -0.1 | -0.2 | -0.2 |
| TET072 | -0.1 | -0.1 | - | -0.13 | -0.1 |
| TET062 | -0.1 | -0.31 | -0.16 | - | -0.1 |
| TET074 | -0.13 | -0.21 | -0.1 | -0.1 | - |

Table .: They all seem to be negative. Maybe that’s significant? Maybe it’s not. Why are a bunch of them 0.1?

## 3.2 Non-territorial Individual Analysis

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# Chapter 4: Discussion

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# References

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Styles, H., Horan, N., Payne, L., Tomlinson, L. &Malik, Z. (1985) How many directions are there: Only the one. *Scandinavian Journal of Music*. 12, 97–15.

#  Supplemental Material

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Figure .: Frog looking real dapper.

# More Supplemental Material

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