Finding Adam

Advancing Commonsense Reasoning as a Potential Step towards Artificial General Superintelligence

A Doctoral Thesis

Abhinav Madahar o अभिनव ਮਦਾਹਰ Department of Computer Science University of TBD

abhinav madahar @tbd.edu

Contents

Land Acknowledgement	iv
Dedication	v
Chapter I. Introduction	1
Chapter II. History 1. The History of Progress 2. The History of Conceptualizations of Change and Progress 3. The History of Decelerationism 4. The History of Scientific Research and Progress in Artificial Intelligence 5. The History of Conceptualizations of Artificial Intelligence 6. Historicizing Decelerationism in Artificial Intelligence	3 4 5 6 7 8 9
 Chapter III. What Are Intelligence and Consciousness? 7. What Is Intelligence? 8. What Is Consciousness? 9. What Is the Relationship between Intelligence and Language? 10. What Is the Relationship between Intelligence and Consciousness? 11. Is There a Qualitative or Merely a Quantitative Difference between Artificial General Int and Artificial General Superintelligence? 	11 12 13 14 15 elligence 16
Chapter IV. Advancing Commonsense Reasoning 12. Chain-of-Thought Reasoning	17 18
Chapter V. How Advancing Commonsense Reasoning Can Achieve Artificial General Superinte	elligence 19
Chapter VI. Ethical Matters 13. Ethical Downsides 14. Ethical Upsides 15. Effective Accelerationism 16. Alignment 17. Protecting an Artificial Consciousness Chapter VII. Conclusion	21 22 23 24 25 26
Chapter vii. Concrusion	41

iv CONTENTS

(Land Acknowledgement based on the university which I attend)

CONTENTS

Dedicated to the giants on whose shoulders I stand.

CHAPTER I

Introduction

quote 1

 ${\rm quote}\ 2$ author 1

author 2

CHAPTER II

History

4 II. HISTORY

1. The History of Progress

2. The History of Conceptualizations of Change and Progress

6 II. HISTORY

3. The History of Decelerationism

4. The History of Scientific Research and Progress in Artificial Intelligence

8 II. HISTORY

5. The History of Conceptualizations of Artificial Intelligence

6. Historicizing Decelerationism in Artificial Intelligence

CHAPTER III

What Are Intelligence and Consciousness?

7. What Is Intelligence?

8. What Is Consciousness?

9. What Is the Relationship between Intelligence and Language?

10. What Is the Relationship between Intelligence and Consciousness?

11. Is There a Qualitative or Merely a Quantitative Difference between Artificial General Intelligence and Artificial General Superintelligence?

CHAPTER IV

Advancing Commonsense Reasoning

12. Chain-of-Thought Reasoning

CHAPTER V

How Advancing Commonsense Reasoning Can Achieve Artificial General Superintelligence

CHAPTER VI

Ethical Matters

13. Ethical Downsides

14. Ethical Upsides

15. Effective Accelerationism

16. ALIGNMENT 25

16. Alignment

17. Protecting an Artificial Consciousness

CHAPTER VII

Conclusion