

Finding Adam
Advancing Commonsense Reasoning as a Potential Step
towards Artificial General Superintelligence

A Doctoral Thesis

Abhinav Madahar ◦ अभिनव मद्दहार

Department of Computer Science

University of TBD

abhinavmadahar@tbd.edu

Contents

Land Acknowledgement	iv
Dedication	v
Chapter I. Introduction	1
Chapter II. History	3
1. The History of Progress	4
2. The History of Conceptualizations of Change and Progress	5
3. The History of Decelerationism	6
4. The History of Scientific Research and Progress in Artificial Intelligence	7
5. The History of Conceptualizations of Artificial Intelligence	8
6. Historicizing Decelerationism in Artificial Intelligence	9
Chapter III. What Are Intelligence and Consciousness?	11
7. What Is Intelligence?	12
8. What Is Consciousness?	13
9. What Is the Relationship between Intelligence and Language?	14
10. What Is the Relationship between Intelligence and Consciousness?	15
11. Is There a Qualitative or Merely a Quantitative Difference between Artificial General Intelligence and Artificial General Superintelligence?	16
Chapter IV. Advancing Commonsense Reasoning	17
12. Chain-of-Thought Reasoning	18
Chapter V. How Advancing Commonsense Reasoning Can Achieve Artificial General Superintelligence	19
Chapter VI. Ethical Matters	21
13. Ethical Downsides	22
14. Ethical Upsides	23
15. Effective Accelerationism	24
16. Alignment	25
17. Protecting an Artificial Consciousness	26
Chapter VII. Conclusion	27

(Land Acknowledgement based on the university which I attend)

Dedicated to the giants on whose shoulders I stand.

CHAPTER I

Introduction

ABSTRACT. This is the introduction.

(Placeholder for epigraph)

(Placeholder for epigraph)

Author 1

Author 2

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

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

I belong to the camp of those who
call themselves ‘techno-optimists’.

Javier Milei, 2019

15. Effective Accelerationism

16. Alignment

17. Protecting an Artificial Consciousness

CHAPTER VII

Conclusion