

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

A Doctoral Thesis

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(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.

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(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. Does There Exist a Meaningful Notion of Superintelligence?

12. IS THERE A QUALITATIVE OR MERELY A QUANTITATIVE DIFFERENCE BETWEEN ARTIFICIAL GENERAL INTELLIGENCE AND ARTIFICIAL GENERAL SUPERINTELLIGENCE?

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

CHAPTER IV

Advancing Commonsense Reasoning

13. Chain-of-Thought Reasoning

13.1. Understanding the Mechanism through which Chain-of-Thought Reasoning Works.

13.2. Improving Chain-of-Thought Reasoning using Reinforcement Learning from Human Feedback.

CHAPTER V

How Advancing Commonsense Reasoning Can Achieve Artificial General Superintelligence

CHAPTER VI

Ethical Matters

14. Ethical Downsides

14.1. Job Losses.

14.2. Malicious Use of Artificial General Superintelligence.

14.3. Misalignment of Artificial General Superintelligence.

15. Ethical Upsides

15.1. Increases in Total Factor Productivity.

15.2. Answering Scientific and Academic Questions which Humans Struggle to Answer.

15.3. Post-scarcity.

16. Effective Accelerationism

17. Alignment

CHAPTER VII

Conclusion