Finding Adam

Advancing Commonsense Reasoning as a
Potential Step towards
Artificial General Intelligence,
Artificial General Superintelligence, and
Artificial Consciousness

A Doctoral Thesis Proposal

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

abhinavmadahar@tbd.edu

Contents

Chapter I. Introduction	5
 Chapter II. History The History of Progress The History of Conceptualizations of Change and Progress The History of Decelerationism The History of Scientific Research and Progress in Artificial Intelligence The History of Conceptualizations of Artificial Intelligence 	7 7 7 7 7
 Chapter III. What Are Intelligence and Consciousness? What Is Intelligence? What Is Consciousness? What Is the Relationship between Language and Intelligence? Is There a Qualitative or Merely a Quantatative Difference between Artificial General Intelligence and Artificial General Superintelligence? 	9 9 9 9
Chapter IV. Advancing Commonsense Reasoning	11
Chapter V. How Advancing Commonsense Reasoning Can Achieve Artificial General Intelligence, Artificial General Superintelligence and Artificial Consciousness Chapter VI. Applying Commonsense Reasoning to Downstream Tasks other	13
than Artificial General Intelligence, Artificial General Superintelland Artificial Consciousness	ligence, 15
Chapter VII. Ethical Matters 1. Ethical Downsides 2. Ethical Upsides 3. Alignment 4. Effective Accelerationism 5. Protecting an Artificial Consciousness	17 17 17 17 17 17
Chapter VIII. Conclusion	19

CHAPTER I

Introduction

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

CHAPTER III

What Are Intelligence and Consciousness?

- 1. What Is Intelligence?
- 2. What Is Consciousness?
- 3. What Is the Relationship between Language and Intelligence?
- 4. Is There a Qualitative or Merely a Quantatative Difference between Artificial General Intelligence and Artificial General Superintelligence?

CHAPTER IV

Advancing Commonsense Reasoning

CHAPTER V

How Advancing Commonsense Reasoning Can Achieve Artificial General Intelligence, Artificial General Superintelligence, and Artificial Consciousness

CHAPTER VI

Applying Commonsense Reasoning to
Downstream Tasks other than
Artificial General Intelligence,
Artificial General Superintelligence, and
Artificial Consciousness

CHAPTER VII

Ethical Matters

- 1. Ethical Downsides
- 2. Ethical Upsides
 - 3. Alignment
- 4. Effective Accelerationism
- 5. Protecting an Artificial Consciousness

CHAPTER VIII

Conclusion