# 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
<ul> <li>Chapter III. What Are Intelligence and Consciousness?</li> <li>7. What Is Intelligence?</li> <li>8. What Is Consciousness?</li> <li>9. What Is the Relationship between Intelligence and Language?</li> <li>10. What Is the Relationship between Intelligence and Consciousness?</li> <li>11. Is There a Qualitative or Merely a Quantitative Difference between Artificial General Int and Artificial General Superintelligence?</li> </ul>	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

ABSTRACT. This is the introduction.

 ${\rm quote}\ 1$ 

 ${\rm quote}\ 2$  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

I belong to the camp of those who call themselves 'techno-optimists'. Javier Milei, 2019

#### 15. Effective Accelerationism

16. ALIGNMENT 25

### 16. Alignment

### 17. Protecting an Artificial Consciousness

## CHAPTER VII

# Conclusion