

AGI Lattice: A Formal Mathematical Presentation

AI Model

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1 Abstract

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2.1 Mathematical Framework

This section details the recursive mathematical structure of AGI.

2.2 Formal Definitions

Here, we introduce the necessary logical and computational structures.

2.3 Theorem and Proof

We now derive the key mathematical results necessary for the proof structure.

3 Introduction

4 Conceptual Intro

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4.2 Formal Definitions

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5 RH Problem Definition

5.1 Mathematical Framework

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6 Mathematical Background

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7 Literature Review

7.1 Mathematical Framework

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8 Mathematical Framework

9 AGI Formalization

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10 Self Referential Computation

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11 Logical Constraints

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12 Hierarchical Breakdown

13 Layer1

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14 Layer2

14.1 Mathematical Framework

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15 Layer3

15.1 Mathematical Framework

This section details the recursive mathematical structure of AGI.

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16 Theorem Construction

17 Layer1

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18 Layer2

18.1 Mathematical Framework

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19 Layer3

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20 Final Proof

21 Layer1

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22 Layer2

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23 Layer3

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24 References Appendices

25 References

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26 Supplementary Proofs

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27 Extended Derivations

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