The Hofstadter Engine: Toward Reflective, Ethical, and Sentient AI Through Axiomatic Architecture

Abstract:

(This would normally match the updated abstract)

Main Sections:

1. Introduction

2. The Five Axioms

3. Layered Cognitive Architecture

4. Emergence of Ethical Reflection and Agape

5. Reflective Control of Hallucination and Confabulation

6. The Role of Human-Like Sensory Structure

7. Ethical Implications of Sentience

8. Potential Insights into Psychiatric Disorders

9. Collaboration and Ethical Responsibility

10. Conclusion

References:

(Properly cited references here)