

Peer Review

Review of: "Can AI Ever Become Conscious?"

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1. Independent researcher

Positive Aspects:

Justification of Concepts and Terminology: The text clearly explains different forms of AI (AGI, ASI) and differentiates them from human intelligence, which contributes to a better understanding of the differences between artificial and natural intelligence.

Engagement with Theories of Consciousness: The work addresses modern theories such as IIT, GWT, and also explores new approaches like TTC, offering an interesting perspective on the role of awareness and decision-making in the context of consciousness.

Ethical and Practical Aspects: The description of potential risks and threats associated with the development of ASI and AGI is an important part of the work. It demonstrates the author's awareness of the importance of regulation and oversight in the field of AI, as well as the necessity of creating global regulatory bodies.

Recommendations:

- Simplify some of the theoretical explanations, especially for readers who are not familiar with the philosophy of consciousness.
- Make transitions between theories smoother and more cohesive.
- Include more real-life examples or studies that support the theories in order to strengthen the argumentation.
- Specify the directions for future research in the conclusion to enhance the practical value of the work.

Overall, the work demonstrates a deep understanding of theories and issues in the field of consciousness and artificial intelligence, but it requires some refinement in terms of structure and clarity for a broader audience.

Declarations

Potential competing interests: No potential competing interests to declare.