

Review of: "What is it like to be an AI bat?"

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This is a well-written paper that emphasizes the importance of discussing the potential appearance of consciousness in intelligent devices.

The authors underscore the pivotal role of interdisciplinary collaboration, bringing together specialists in AI, neuroscience, information theory, and other relevant fields. This approach is crucial for advancing artificial cognition research, as it allows for a more comprehensive understanding of the complex nature of consciousness. However, they also emphasize the importance of considering the broader societal and psychological impacts of widespread AI implementation, placing research within the social context.

Despite the uncertainties surrounding the possibility of artificial consciousness, the text emphasizes the transformative impact of new technologies. It asserts that modern society must embrace progressive development, maintaining a balanced collaboration between humankind and AI instruments in the era of the Fourth and Fifth Industrial Revolutions. Further exploration and research in the field, driving scientific and technological progress, is encouraged by the authors. They discuss the pervasive influence of computerization in modern life, highlighting the emergence of complex human-machine environments due to advancements such as distributed computing and smart automation.

Therefore, readers are given a clear understanding of consciousness and its various interpretations by all of these aspects.