Review of: "Towards Modeling Artificial Consciousness"

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Potential competing interests: No potential competing interests to declare.

1. Based on the synthesis of disciplinary knowledge of neuroscience, information technology and philosophy, this paper puts forward artificial consciousness modeling, and the argument is innovative.

2. This paper describes the artificial consciousness model based on the two key points of attention scheme (C1) and information flow (C2). But in the process of modeling, more should be said about the transformation of consciousness into mathematical models.

For example, more elaboration should be done on the key strange attractor to explain why it can describe consciousness, and the description of what the specific content of the 3 to 4 periods of strange attractors on page 2 of the text is not clear enough. Since there is an interdisciplinary context, the necessary explanations will make subsequent content more credible.

3. This paper lacks experimental data support, and there is still room for improvement in the application level of neural networks and the mathematical theory level of consciousness modeling. It cannot be said that this method will have good results in artificial consciousness modeling, numerical simulation, etc.

4. The article lacks intuitive and clear chart explanation.

5. The abstract is too simplistic, only expounding the interdisciplinary background, without any substantive content.