

# Review of: "Artificial Consciousness: Misconception(s) of a Self-Fulfilling Prophecy Nobody Wants"

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The author discusses the possibility of artificial intelligence systems acquiring consciousness. He argues that this is impossible given that we do not know the dynamics and neuronal substrate of our brain that give rise to the consciousness required to transfer it to the mechanisms. The author argues that AI will never have this potential.

The article is very well written and argued. The author makes a good description of the neural phenomena related to consciousness and a good description of the different ideas that exist about consciousness.

The central point is that we still do not know the mechanisms that give rise to consciousness in our human brain. But considering that the brain is a physical and conceptually deterministic system, there are no barriers to one day knowing this. This can be implemented in another physical system if it emulates the relevant characteristics. In this sense, the author is extreme in indicating that it can never be achieved, and instead one should emphasize the necessary limits for this to occur that are clear from the text.