

Review of: "Why Backward Time Travel Is Not Possible"

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Potential competing interests: No potential competing interests to declare.

The article begins with the high attention on the hot topic; however, it faces many major caveats on its structure. I will seperate it into 4 major problems;

- 1. The first to fourth paragraphs are of classical physics where the space is not quantized, then it is common to have the continuous space without any violations. The author tried to point out the accuracy problem on the exact value of irrational numbers. This is the technical ro computational problem not the theoretical problem. And if the irrational numbers are the problems, the author should look forward to see the rational numbers since we have freedom to choose any number since the distance in 3 or higher dimensons can be rational numbers as well. To be rigorous, distance can be any real number.
- 2. For the rest of the paragraphs, the author skips the first quantization (quantum mechanics) and reach the Planck level which requires the second quantization. This is a scope of quantum gravity where the idea of quantum field theory (second quantization) is combined with gravity. So distance in this level is quantized which is not the same definition as the first four paragraphs. These paragraphs are trying to relate two things that are irrelevant at all.
- 3. The theories that the author applied to describe the reason why the backward time is prohibited are not sufficient since the arrow of time is determined by the second law of thermodynamics (macroscopic level). And there is nothing about the most sacred law in physics has been mentioned.
- 4. If the proposal of the author works, it does not only prevent time to move backward but also forward as well. This is the major strike from the proposal that violates the reality of beings in the Universe.

Qeios ID: XJ9DOC · https://doi.org/10.32388/XJ9DOC