

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

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Initially I thought the article might have some relation with physics, and therefore accepted to review. However, despite going through it several times, I have not been able to apprehend the cardinal points in connection with irrational numbers. Ruling out backward time travel from irrational number issue is uncanny, and I have no idea to comment on this. I can just make the following comments.

1. First of all, this issue arises since nothing changes if time is reversed. Although, the author has ruled it out in view of numerical logic associated with irrational number, mathematically backward time travel is possible through geometric structures, known as closed time-like curves. There exist e.g. some general relativistic solutions in connection with rotating black holes, in which backward time travel is possible. But there is no observational evidence. Quantum wormholes also admit backward time travel.
2. New physics would emerge if backward time travel is possible, like negative mass. However, it gives rise to several paradoxes, such as bootstrap paradox, Polchinski's paradox, Multiple universes hypothesis etc.
3. Had there been a time machine, it would have been a quantum mechanical phenomena, classical physics is completely based on causality.
4. Microscopic particles follow quantum mechanical principles, in which position and momentum cannot be measured with precision.