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

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Potential competing interests: No potential competing interests to declare.

Author is dealing with the subject that is now for more than 100 years hot topic. In physics, time is the duration of an object in space. We measure this duration with cocks. Objects move only in space, newer in time because time has no physics existence (see authors Barbour, Rovelli, Fiscaletti, Sorli). Travel of time has nothing to do with any kind of numbers, rational, irrational, transcendental….. The "close time curves" discovered by Godel are still exciting the imagination of some people about time travel in past and future. There is no past in the universe and there is no future, there is no physical time. Godel was aware of this fact, and nobody was ready to understand his point. For him “time travel” was contradiction which has showed that with GR something is wrong. The wrong thing with GR is the interpretation that time is the 4th dimension of space. Already SR is proving time is not a spatial dimension: X4 = ict, which means X4 is not t. Still today, people are not understanding this undisputable fact.

Now, saying that because of some numbers time-travel is not possible does not make much sense. Time travel is not possible because time has no physical reality. Universal space is time-invariant, it is timeless. Most of the physicists still today do not understand this fact.

Nor backward nor forward motion in time is not possible, the only possible motion is in space, not in time. Time is the duration of motion in space when measured. No measurement means no time. Time is an emergent physical quantity that enters existence in the process of measurement.