

Peer Review

Review of: "A Heuristic Sketch of How It Could All Fit Together with Time"

Amrit Šorli¹

1. Bijective Physics Institute, Slovenia

The author shows excellent knowledge of the subject of time in physics. What I miss in this article is a new vision, a new proposal for the enigma of time.

There is a statement in this article that deserves attention: **No clock is a clock without memory. Clocks with some permanence require some entropy production; if they were all unitary and reversible, there would be the risk that they run in the wrong direction.**

In the lines above, we can see the main misunderstanding of time that still persists in physics today. Before humans appeared on this planet, there was no time, and there were no clocks. Clocks and time are both human inventions. A clock has no memory. Only humans have memory. Clocks could also start moving in the opposite direction, and we could still use them. In physics, there is not a single piece of evidence about the run of some physical time, that this time is part of space, or that the universe exists in time, that entropy requires time, or that motion requires time. All these are beliefs never proved experimentally.

I would encourage the author to discuss these facts. His article is dealing with time as if that time exists. But this is not the case. We can only progress in time research by sticking with elementary perception: what we do not see should be abolished. We have never seen time, so time as a physical reality is an unproven hypothesis.

A few days ago, my article on the subject of time was published here <https://ccsenet.org/journal/index.php/apr/article/view/0/51593>

It might be the inspiration for the author.

The next statement in the article: **A not completely cancelled geometrical asymmetry during the late phases of the Big Bang might explain the observed very small lopsidedness of the CMB and an uneven**

distribution of very big structures observed today.

I would like to remind the author that the Big Bang model is pseudoscience. The idea that there was a huge explosion out of nothing and that was the beginning of time running is religious dogma
<https://ccsenet.org/journal/index.php/apr/article/view/0/50795>.

Attachments: available at <https://doi.org/10.32388/NNHUCE>

Declarations

Potential competing interests: No potential competing interests to declare.