

# Review of: "Zeno and Einstein"

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Potential competing interests: No potential competing interests to declare.

Dear Mr. Ted Dace,

your article "Zeno and Einstein" was sent to me by Qeios for a peer-review. I have read it through, and I have to state that your argumentation is rather complicated, so that I would need a lot of time to follow it in detail, from sentence to sentence - instead I can tell you just my general impression: I am not really convinced that "the relativity of simultaneity is falsely associated with the proven phenomenon of time dilation". As I understand Einstein, these two basic tenets of his theory of relativity (especially of the STR) are just the two sides of the same "coin", and they cannot be separated by the statement that one is "physically real", while the other is not. At the beginning of relativity (Einstein, 1905 and later), both tenets were just theoretical hypotheses, later empirically verified in several experiments and observations.

However, I have maybe misunderstood or missed some important points or details in your article. I am a philosopher, not a physicist. Therefore, as I have been asked to review this article (I guess by the editor), I recommend to publish it, since it discusses an interesting topic, a comparison between Zeno and Einstein. You are surely right when you say that they both claim privilege of the intellect over experience, the abstract over the concrete: the latter was "secondary" for them at least in argumentation (but for Einstein not so much as for Hegel) - nevertheless, there is an essential philosophical, ontological difference between Zeno who negated motion, and Einstein who denied Newton's absolute time.

Best Wishes and Kind Regards,

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