

Review of: "Energy Might Be the Only Unique, Distinct and Independent Entity in Nature"

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Potential competing interests: No potential competing interests to declare.

Dear , in reading your article, I had difficulties relating its content to ordinary physics.

You say that spacetime is energy, or a form of energy. However, the spacetime four-vector components have dimensions of length and, thus, do not have the dimension of energy.

In your article, you often state that a thing, or entity, is a form of another thing, or entity, which, in my opinion, can make sense or not, depending on the case.

At the end, I could find some meaning in your relationships between different entities, but by interpreting them as metaphors of physics and the forms or entities of nature.

I like the parts where you say that things "seem" to exist but then do not, or appear under different forms of reality or physical entities, such as dark matter, dark energy, or even electromagnetic radiation.

Philosophy, literature, and science fiction fit with the reality or ideal existence of a spacetime that contains all there is and, at the same time, is an illusion that can be, disappear into nothingness, and reappear to be.

In any case, as it seems feasible to me, I am inclined to interpret as nice metaphors all the relations and implications developed between the various physical entities you are dealing with in your article.

Your final extreme metaphor is that everything is energy.

Yet, it is not a new metaphor! It has been used for centuries in myths and legends.

The philosopher of the American Counterculture, Norman O. Brown, in his book *Love's Body*, resolves all the dichotomies of the philosopher Vico and Nietzsche by saying that "all is poetry", which is another elegant metaphor for love and energy.

In my book "Science and Myth," I do the same. Since matter and energy are all there is, and since light is ultimately energy, because material particles can annihilate into radiating light, physical reality, including ourselves, is ultimately light. Hence, we are pure light!

Of course, I do not exclude that the relationships between the entities you consider have real physical meaning.

In fact, in your article, you mention an experiment. To evaluate a single experiment will be easier than evaluating a vast theoretical work such as the one you are presenting.

If I find out that your experiment represents actually a real test of physical observables, and not just metaphors, I will reconsider my interpretation of your article and upgrade my evaluation of it as a real physical theory.

Best of luck with your research and nice metaphors.



Kind regards,

Gianfranco