

Comment 4

Comments

March the 28th 2022

In my papers on-line (relativityworkshop.com) I have developed a new scheme of the Theory of Relativity.

I intend to add something that is new , to the basic theory.

I attempt to throw the Theory of Relativity into a new light. I do that thinking out the box.

It is not an easy task because of it is necessary to fight an up hill battle.

I make my own selfcriticism. However it is for me much more important to receive criticisms from the readers of my papers.

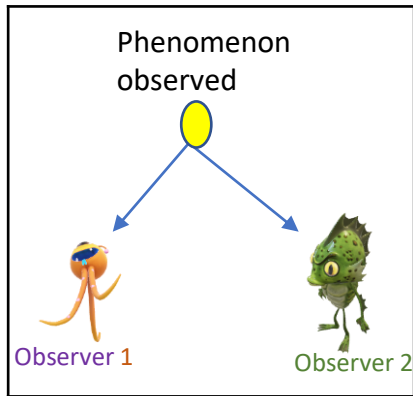
To date, I have developed some papers that are about new insights in the theory of relativity.

Basically I follow the Poincaré ideas, although einstenian space-times are the essential backgrounds to make clear this part of the physics.

On the basis of the skew adjoint endomorphism features associated to the electromagnetic tensor, are inferred the most of the basic findings of relativity.

It is necessary to take in account, that the skew adjoint features of the electromagnetic field, are inferred of experimental facts.

In theory we have here, it is basic to construct the annihilating polynomial of the above mentioned endomorphism. It is of degree 4 for reason of the 4 dimensions of the space-time.



From this basis, it is possible to construct a physical scheme that supports the reference frames of observers that observe the same physical phenomenon. **The Lorentz transformation is deduced into this relativistic scheme**

The Lorentz boost is deduced in a new way.

Until January 2021 we have had about 2000 downloads of the papers online of this website, and many more access.

Lastly, I have added an addendum "Addendum to Structures of the Skew-adjoint Endomorphisms and Some Peculiarities of Electromagnetic Field" to complete my papers that are about "Electromagnetic Field".