

Re: O'Barr's comments on SR and LET.

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<rotchm@xxxxxxxx> wrote in message
<news:1181097190.121447.208140@xx>

My view on it...

In LET, as you propose, does space and time remain simple 3D Euclidean space and independent absolute time?

yes.

Does all matter physically get shorter (as well as the spaces between matter) in the direction of travel, and do all clocks physically run slower when we consider them moving relative to the absolute ether frame?

Yes.

Is it as if you had adjusted the mechanisms of all clocks to make them tick slower, and had put the matter in a vice to make it shorter?

yes.

I.e. as seen from the absolute ether frame is it a physical shortening and slowing of clocks?

Re: O'Barr's comments on SR and LET.

yes.

If so is it the ether that does this?

Yes. The properties of the fields, or "concentrations" of the fields, the field potentials due to finite speed of transmission of the fields...

Or is the shortening and clock slowing that one would see from the ether frame just an illusion somehow?

No

Just get acquainted with LET and many of its modern analysis.

So the objects moving wrt the ether frame follow the same laws of physics as objects not moving wrt the ether frame?

If so, imagine a mirror at 45 deg angle to the direction of motion, and a beam of light at -45 degrees, so that the beam hits the mirror at right angles and reflects off the mirror back to the source. Now put that mechanism in motion wrt the ether. so that the mirror shrink enough to make the angle 30 degrees, and the beam of light comes in at -30 degrees and so the light reflects at 90 degrees. But from the FoR of the beam+mirror, nothing appears to have changed, yet the beam of light reflects in the wrong direction.

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