

Re: Is special relativity falsifiable?

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From: Tom Roberts (tjroberts_at_lucent.com)

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Marcel Luttgens wrote:

- > *As no inertial frame can be found in the Universe, no real (physical)*
- > *experiment can falsify special relativity.*

But SR is KNOWN to not be valid for such a situation. So why beat a dead horse?

- > *Aircrafts thought experiment: [...]*

You attempt to spply SR outside its domain of applicability -- that's invalid.

- > *Aplication to an expanding universe: [...]*

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- >> *From :Tom Roberts (tjroberts@lucent.com)*
- >> *The "falsifiability criterium" is easily stated: make any measurement*
- >> *within the domain of applicability of SR; if that measurement disagrees*
- >> *significantly from the prediction of the theory, and if it can be*
- >> *reliably and reproducably obtained, then the theory is falsified.*
- >>
- >> *To date, nobody has been able to do that for SR.*

You haven't even begun.

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