

Re: Will Somebody PleaseTell bz What an Inertial Frame is.

Source: <http://sci.tech--archive.net/Archive/sci.physics.relativity/2005-07/msg00219.html>

- *From:* "sue jahn" <susyshow@xxxxxxxxxxxx>
 - *Date:* Mon, 4 Jul 2005 16:00:05 -0400
-

"bz" <bz+sp@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:Xns968984D81EC04WQAHBGMXSZHVspamnote@xxxxxxxxxxxxxxxxxxxx
> "Sue..." <susyshow@xxxxxxxxxxxx> wrote in
> news:1120489780.990083.63750@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx:
>
>>> [quote]
>>> the same laws of electrodynamics and optics will be valid for all
>>> frames of reference for which the equations of mechanics hold good.
>>> [unquote]
>>> He does not say what those laws are. He just says that they will hold
>>> for all frames of reference for which the equations of mechanics hold.
>>>
>>> He follows this closely with his second postulate.
>>> [quote]
>>> that light is always propagated in empty space with a definite velocity
>>> c which is independent of the state of motion of the emitting body.
>>> [unquote]
>>>
>>
>> Coulomb force and gravity is what usually is exempted
>> from "crutched up" interpretations of AE's PoR.
>
> In AE's 1905 paper on special relativity, he deals with uniform motion, so
> those exclusions makes sense as they involve acceleration.
>
>> Isn't that convenient? Long range forces that can
>> never be localized can't screw up what really
>> should be called a "Theory of Invariance".
>>
>> But Oops. Exempting the Coulomb force and
>> gravity assumes things don't radiate.
>
> NO. It just says that 'today we will not deal with gravity or how light is
> created'.

Thanks for pouring over the original. I had never notice the Maxwell officially getting sidelined too ... Hmmm.

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- >
- >> Which is quite consistant with Maxwell's equations
- >> when Ampere's law is used, (vs Biot–Savart)
- >> and quite consistant with a gravity theory
- >> that requires rocket motors under your chair.
- >
- > But quite outside the scope of Special Relativity.

Whaaaaa? It is whole reason for Special Relativiy.
Maxwell couldn't radiate but Hertz and Weber could.

- >
- > Science often involves restricting the scope of ones investigation.

Special relativity is not science. But it's scope was most certainly limited enough to exclude both Maxwell's problems and Weber's solutions.

- >
- >
- > [No need to quote the entire article just to post such a comment.]
- I am still a bit rough with googlegroups but thanks. I see how to do that now.

Sue...

- >
- >
- >
- > --
- > bz
- >
- > please pardon my infinite ignorance, the set-of-things-I-do-not-know is an
- > infinite set.
- >
- > bz+sp@xxxxxxxxxxxxxxxxxxxxx remove ch100–5 to avoid spam trap

.

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- *Follow-Ups:*
 - ◆ *Re: Will Somebody PleaseTell bz What an Inertial Frame is.*
◇ *From:* bz
 - *References:*
 - ◆ *Re: Will Somebody PleaseTell bz What an Inertial Frame is.*
◇ *From:* Arthur Dent
 - ◆ *Re: Will Somebody PleaseTell bz What an Inertial Frame is.*

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◇ *From:* bz

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◇ *From:* Arthur Dent
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◇ *From:* Sue...
- ◆ **Re: Will Somebody PleaseTell bz What an Inertial Frame is.**
◇ *From:* bz

- Prev by Date: **Re: Proper Time v. Absolute Motion.**
- Next by Date: **Re: stoooooipid bilge**
- Previous by thread: **Re: Will Somebody PleaseTell bz What an Inertial Frame is.**
- Next by thread: **Re: Will Somebody PleaseTell bz What an Inertial Frame is.**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**