

Re: New improved facts part 2v031

Source: <http://sci.tech--archive.net/Archive/sci.physics.relativity/2005-04/msg00646.html>

- *From:* "Bill Hobba" <bhobba@xxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 08 Apr 2005 21:14:41 GMT
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"Dr ***" <paulpsremove@xxxxxxxxxxx> wrote in message
news:1112990085.19597.0@xxxxxxxxxxxxxxxxxxxxxxxx

>

> From New improved farts part 1v031 :-)

>

> The following is an updated scenario of the Bill and Paul in space suits
> type and includes the effects of length contraction and time dilation
> with some reasoning as to the cause of these effects.

>

> We start with Bill and Paul at rest relative to each other in the centre
of

> a sphere of stars 20 light years away who's average velocity relative to
> Bill and Paul is zero. Both Bill and Paul have monochromatic light sources
> of which the other has the frequency of and is able to detect any
variation

> of.

> They know they are stationary relative to the surrounding star field by
> evaluating the hydrogen spectral line shift from the surrounding stars and
> averaging the results. They do some tests and discover that they can
> determine their velocity with respect to each other and the surrounding
star

> field by measuring the Doppler\frequency shift of the surrounding star
field

> and

> each others monochromatic light source.

> Now they also have watches that they can compare and they find
> that if one of them travels away and returns from the other at a $c/2$ for
> example then on his return he finds his watch reads an earlier time to the
> other who remained relatively stationary but if they both move away and
> return then their watches agree. Weird ain't it as it appears moving slows
> you down and you age more slowly. So get off the sofa and run about
> otherwise you will be dead earlier :-) Now what is the mechanism for this
> weird effect, well we know that as you move faster the shorter you get

That is not what we know at all. As usual all you are simply demonstrating
is your lack of understanding. Proper length, like proper time, is
invariant.

Rest of usual rubbish snipped. Actually I do not know if it is his usual rubbish because I can not even be bothered reading it.

Bill

• *Follow-Ups:*

◆ *Re: New improved facts part 2v031*

◇ *From:* Dr ***

◆ *Re: New improved facts part 2v031*

◇ *From:* Dirk Van de moortel

• *References:*

◆ *New improved facts part 2v031*

◇ *From:* Dr ***

• Prev by Date: *Re: johnreed take 1*

• Next by Date: *Re: What's the physical base or cause of inertia?*

• Previous by thread: *New improved facts part 2v031*

• Next by thread: *Re: New improved facts part 2v031*

• Index(es):

◆ *Date*

◆ *Thread*