

Re: Is time dilation real?

Source: <http://sci.tech-archive.net/Archive/sci.physics/2006-01/msg02899.html>

- *From:* "Greg Neill" <gneillREM@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 25 Jan 2006 17:14:57 -0500
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"Spaceman" <Realspace@xxxxxxxxxxxxx> wrote in message
news:qLednRGLzuA_bEreRVn-rQ@xxxxxxxxxxxxxxxxxxxx

- >
> "Greg Neill" <gneillREM@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
> [news:mQRBf.23196\\$ve.359464@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:mQRBf.23196$ve.359464@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)
> | Physics models *how* the apple falls, not *why*.
>
> No,
> That is math.
> You truly are lost.
> you should forget this because you will never find physical causes.
> when all you want to do is find out how an apple would fall.
> That is mere prediction and never will show the why of science.
> If you truly think science is not the 'why'.

You think that physics is about the "why". That is your *opinion* and is not fact. Ask any practicing physicist and he'll tell you that physics is about the *how*, not the *why*. If you insist on forcing your definitions on things, then you are bound to forever be disappointed.

- > You should leave science completely for you are lost in
> never finding out a why something happened.
> and that is what science is about no matter how much of the 'how'
> predictions you make come true.

If you want to know "why", ask a philosopher. There is no final reduction of anything that you can point to and say "that is why". You can always ask "why is it that way", no matter how far down the path you go. Eventually all roads must lead to a philosophic answer, not a physical one.

- >
> physics is about the physical interaction and causes of effects.
> not the mathematical predictions of effects only.

No. That's your desired definition of physics. It's

unfortunate that the reality doesn't match your expectations, but that's life.

• *Follow-Ups:*

- ◆ ***Re: Is time dilation real?***
◇ *From:* Spaceman

• *References:*

- ◆ ***Re: Is time dilation real?***
◇ *From:* PD
- ◆ ***Re: Is time dilation real?***
◇ *From:* $G=EMC^2$ Glazier
- ◆ ***Re: Is time dilation real?***
◇ *From:* PD
- ◆ ***Re: Is time dilation real?***
◇ *From:* Gary Matthews
- ◆ ***Re: Is time dilation real?***
◇ *From:* Spaceman
- ◆ ***Re: Is time dilation real?***
◇ *From:* Sam Wormley
- ◆ ***Re: Is time dilation real?***
◇ *From:* Spaceman
- ◆ ***Re: Is time dilation real?***
◇ *From:* Greg Neill
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