

Re: Question about light clock and derivation of time dilation

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2005-07/msg00620.html>

- *From:* "Androcles" <Androcles@ MyPlace.org>
 - *Date:* Mon, 11 Jul 2005 17:07:20 GMT
-

"EL" <hemetis@xxxxxxxx> wrote in message
news:1121058272.076597.292030@xx
> [YBM wrote]
>> You're right. Any other coordinate but $t=0$ shouldn't
>> be PHYSICALLY consistent. Androcles' "argument" works
>> the same for $t>0$ as it "works" for $t<0$.
>>
>> Unfortunately, with morons like Androcles and Wilson,
>> even using their own arguments on trivial facts does not
>> make them to think (it is far too late).
>>
>>
>> Right. But I didn't say "exist", but "has a meaning".
> [EL]
> Dear YBM,
> As I read you, you seem to be a rare relativist who knows what he is
> talking about.
> Indeed there are negative time intervals because measuring a time
> interval from today to seven days ago implies minus seven days from
> today.
> Please allow me to openly put you to the test, because I am under the
> impression that relativists have pathologically altered minds, and no
> offence is meant here, only science.
> *****
> The test: If you received one newspaper every day in the last seven
> days, please use equations to answer:
> 1- What is the frequency of newspaper delivery during $dt = -7\text{days}$?
> 2- What is the time interval assigned for each delivery during the dt
> $= -7\text{days}$?
> *****
> I think that by answering those two simple questions we can clear up
> many things and avoid a lot of misunderstanding.
>
> Kind regards.
> EL
Dear EL,

Re: Question about light clock and derivation of time dilation

As I read you, you seem [stet] to be a common bozo who who has no idea what he is talking about.

Indeed there are no negative time intervals anymore than there are negative apples or negative oranges, because measuring an apple interval from a tree to the ground implies minus seven apples from the tree, and trees are not apples.

Please allow me to openly put you to the test, because I am under the impression that bozos have pathologically altered minds, and no offence is meant here, only mathematics.

Ref: http://en.wikipedia.org/wiki/Vector_space

- 1.. V is a commutative group under addition of vectors
- 1.. There exists an additive identity element 0 in V , such that for all elements v in V , $v + 0 = v$.
- 2.. For all v in V , there exists an element w in V , such that $v + w = 0$.
- 3.. Vector addition is associative: $u + (v + w) = (u + v) + w$.
- 4.. Vector addition is commutative: $v + w = w + v$.
- 2.. Scalar multiplication is associative: $a(bv) = (ab)v$.
- 3.. $1v = v$, where 1 denotes the multiplicative identity in F .
- 4.. Scalar multiplication distributes over vector addition: $a(v + w) = av + aw$.
- 5.. Scalar multiplication distributes over scalar addition: $(a + b)v = av + bv$.

The test: If you received one apple every orange in the last seven oranges, please use equations to answer:

1– What is the frequency of apple delivery during $d(\text{orange}) = -7$ oranges?

2– What is the apple interval assigned for each delivery during the $d(\text{orange}) = -7$ oranges?

I think that by answering those two simple questions we can clear up many things and avoid a lot of misunderstanding.

Kind regards.

Androcles.

PS. Oranges are not vectors either.

• *Follow-Ups:*

◆ **Re: Question about light clock and derivation of time dilation**

◇ *From: EL*

◆ **Re: Question about light clock and derivation of time dilation**

Re: Question about light clock and derivation of time dilation

◇ From: Dirk Van de moortel

• **References:**

- ◆ **[Question about light clock and derivation of time dilation](#)**
◇ From: john_doe_ph_d
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
◇ From: Ken S. Tucker
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
◇ From: Daryl McCullough
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
◇ From: Androcles
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
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◇ From: YBM
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◇ From: YBM
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
◇ From: The Ghost In The Machine
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
◇ From: YBM
- ◆ **[Re: Question about light clock and derivation of time dilation](#)**
◇ From: EL

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