

Re: Are \*observed\* SR effects real?

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics.relativity/2008-07/msg01059.html>

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- *From:* "Spaceman" <[spaceman@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:spaceman@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 12 Jul 2008 21:44:44 -0400
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Dono wrote:

On Jul 12, 6:31 pm, "Sue..." <[suzysewns...@xxxxxxxxxxxxx](mailto:suzysewns...@xxxxxxxxxxxxx)> wrote:

On Jul 12, 9:13 pm, Dono <[sa...@xxxxxxxxxxxxx](mailto:sa...@xxxxxxxxxxxxx)> wrote:

On Jul 12, 6:05 pm, "Sue..." <[suzysewns...@xxxxxxxxxxxxx](mailto:suzysewns...@xxxxxxxxxxxxx)> wrote:

On Jul 12, 8:47 pm, Dono  
<[sa...@xxxxxxxxxxxxx](mailto:sa...@xxxxxxxxxxxxx)> wrote:

On Jul 12, 5:29 pm, "Sue..."  
<[suzysewns...@xxxxxxxxxxxxx](mailto:suzysewns...@xxxxxxxxxxxxx)>  
wrote:  
<snip kookiness>

Sue,

You are all talk and no  
action, all you are good for  
is cobbling  
up links to websites, you  
can't calculate jackshit. You  
have no  
clue how to put the things  
together.

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I'll give you one more set of clues:

1. If you solve the equation of motion, you will get that  $T = \sqrt{a/b}$ . You will need to find what are the physical entities  $a$  and  $b$ .
2. In another frame  $F'$ , moving with constant speed  $V$  wrt  $F$ ,  
 $T' = \sqrt{a'/b'}$
3. If you do your calculations correctly, you will also find out that

$$a'/b' = \gamma^2 (a/b),$$

4. The above confirms that  
 $T' = \gamma T$

Now, get busy, start calculating, I will not give you any more hints.

The calculation was offered to you. If you insist on relativistic corrections just approximate the peak speed of the disk for your gamma factor.

Say...100mm/sec for one of these little gems?

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<http://www.wkinsler.com/clocks/kundo1.jpg>

Sue...

Everybody knew that you are a link-collecting crank. Now we all know that you are a weasel as well. You can't calculate your way out of a brown bag. PRETENDER.

The calculation was yours. <http://farside.ph.utexas.edu/teaching/301/lectures/node139.html>

The mass is invariant,

YES.

No,  
the mass varies relatively.  
a spin variation and an up and down motion variation.  
both relative mass changes.  
It is even relatively variant while th entire clocks frame is "at rest"  
but ticking.  
:)

—  
James M Driscoll Jr  
Spaceman

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