

Re: Sagnac Threads United

Source: <http://sci.tech--archive.net/Archive/sci.physics.relativity/2007-11/msg00264.html>

- *From:* Jerry <Cephalobus_alienus@xxxxxxxxxxx>
 - *Date:* Sat, 03 Nov 2007 03:13:49 -0700
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On Nov 1, 3:53 pm, HW@....(Dr. Henri Wilson) wrote:

On Thu, 01 Nov 2007 21:11:20 +0100, "Paul B. Andersen"

How do your 'photons' know which frame of reference they are supposed to roll in, when it is not in the source frame?

Didn't you say that according to the BaTh, the only reference the photons have is the source? So how do they know that they are supposed to roll in a frame of reference where the source is moving?

The answer, to Paul's question, Henri, is that your photons roll in the absolute frame of the stationary observer.

I have supplied a new animation to illustrate the fact that your model implies an absolute frame. Your model violates the POR, and predicts effects that should be visible in the MMX as well as Sagnac. Scroll down to the bottom of the following page:
http://mysite.verizon.net/cephalobus_alienus/toothwheel/toothwheel.htm

Imagine my animation to represent a small section of a very large rotating ring, so that it appears "straight".

Both rays move at c wrt the source. That is what the animation shows.

That is what my animation shows as well. At the end of my animation, no matter what the source speed, both "photons" have moved 225 pixels away from the source (black dot), regardless whether one is measuring in the source frame or the stationary frame. (lightspeed = 20 pixels/sec)

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They move at $c+v$ and $c-v$ in the nonrotating frame of the ring.
that is what the animation shows.

That is what my animation shows as well. If you set the source speed to 0.4 times the speed of light, then, measuring in the stationary frame, the left photon will move 315 pixels, and the right photon will move 135 pixels from the emission point. The ratio $315/135 = 2.3333 = (1+0.4)/(1-0.4)$, which exactly matches the ratio required by emission theory.

Both photons roll the precise number of revolutions required by your model. The photon circles have a diameter of 26 pixels. If you set the source speed to 0.4 times the speed of light, the left photon rolls 3.86 revolutions, and the right photon rolls 1.65 revolutions regardless of whether one is measuring in the source frame or the stationary frame.

What could be more simple?

Exactly. What could be more simple? Your model implies an absolute frame, and implies an ability to detect one's motion in this absolute frame. In other words, your model is garbage.

Jerry

Henri Wilson's Lies

http://mysite.verizon.net/cephalobus_alienus/henri/diploma.htm

http://mysite.verizon.net/cephalobus_alienus/henri/deception.htm

http://mysite.verizon.net/cephalobus_alienus/henri/rt_aurigae.htm

http://mysite.verizon.net/cephalobus_alienus/henri/history.htm

http://mysite.verizon.net/cephalobus_alienus/henri/snips.htm

http://mysite.verizon.net/cephalobus_alienus/henri/accuses.htm

http://mysite.verizon.net/cephalobus_alienus/henri/oh_dear.htm

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