

Re: SR false?

Source: <http://sci.tech--archive.net/Archive/sci.physics.relativity/2006-09/msg01885.html>

- *From:* "Dirk Van de moortel" <dirkvandemoortel@xx>
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"Koobee Wublee" <koobee.wublee@xxxxxxxxxx> wrote in message
<news:1158684609.249727.122370@xx>

Paul B. Andersen wrote:

Koobee Wublee wrote:

$$E' = (E - v * p) / \text{sqrt}(1 - v^2 / c^2)$$

** $E' = h f$

** $E = h f$

** v = velocity vector of the platform as observed

** p = momentum vector of the photon

In your equation above, E' is the energy of the photon in the observer's rest frame, while v is the velocity of the observer in the source's rest frame, and p is the momentum in the source's rest frame.

The crucial point which you probably missed, is that if v and p are transverse in the source frame, they are NOT transverse in the observer's frame, and vice versa.

Stop taking cheap shots. My equation above is the same as yours.

Imbecile.

<http://users.telenet.be/vdmoortel/dirk/Physics/Fumbles/DiffGeoAero.html>

<http://users.telenet.be/vdmoortel/dirk/Physics/Fumbles/LorentzTale.html>

<http://users.telenet.be/vdmoortel/dirk/Physics/Fumbles/SRBogus.html>

You don't even recognize an expensive shot when it hits you flat in the face.

Re: SR false?

Dirk Vdm

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