

Re: Coherence Force and Other Matters

Source: <http://sci.tech-archive.net/Archive/sci.physics/2005-01/9456.html>

From: Roberto Guzman (*king_at_yahoo.com*)

Date: 01/25/05

Date: Mon, 24 Jan 2005 20:57:24 -0800

"Bill Hobba" <bhobba@rubbish.net.au> wrote in message
news:ErBId.129815\$K7.3812@news-server.bigpond.net.au...

>

> "Dirk Van de moortel" <dirkvandemoortel@Thanks-NO-SperM.hotmail.com> wrote
> in message news:rpgId.6394\$VW7.846@news.cpqcorp.net...

>>

>> "Koobee Wublee" <kublai@cox.net> wrote in message
> news:h9dId.4884\$ry.3627@fed1read05...

>>>

>>> "Dirk Van de moortel" <dirkvandemoortel@Thanks-NO-SperM.hotmail.com>

> wrote

>>> in message news:YD5Id.6326\$In7.1855@news.cpqcorp.net...

>>>>

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

>>>>

>>>> That should be (in units where $c=1$):

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

>>>>

>>>> The condition, $p * v < 0$, is when the v component of p are in opposite

> sign

>>> such as observing a train receding away from us. At some certain

> condition,

>>> $p * v = 0$, can still reach us.

>>

>> You must be talking through some very bizarre orifice here.

>>

>>>

>>>> Think transformation of aberation of light:

>>>> $\cos(\phi) = (\cos(\phi') + |v|) / (1 + |v| \cos(\phi'))$

>>>>

>>>> In your setup perpendicular to us means

>>>> $\phi' = \pi/2$,

>>>> so you get

>>>> $\cos(\phi) = |v|$

>>>> and thus

>>>> $p*v = |p| |v| \cos(\phi) = |p| |v|^2 = |p| v^2$

>>>> so you have

sci.physics: Re: Coherence Force and Other Matters

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

>>> *For a photon you have*

>>> $|p| = E$

>>> *so you finally get*

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

>>> *which gives*

>>> $E' = E \text{sqrt}(1 - v^2)$

>>> *which corresponds of course to transversal Doppler shift*

>>> $\text{freq}' = \text{freq} \text{sqrt}(1 - v^2)$

>>>

>>> *What you have done is a special case when the spacecraft is receding
> from*

>>> *us.*

>>>

>>> *Perhaps, the condition I chose was a poor one.*

>>>

>>> *You made one of your little deliberate mistakes and you got exposed,*

>>> *exactly like your previous Australopithecus Afarensis and Scholarly*

>>> *Fungi used to get exposed.*

>>> *Too bad they don't un-archive the replies to your slips at Google,*

>>> *right?*

>>>

>>> [http://groups.google.co.uk/groups?&threadm=V1r09.661180\\$352.138570@sccrnsc02](http://groups.google.co.uk/groups?&threadm=V1r09.661180$352.138570@sccrnsc02)

>>>

>>> <http://groups.google.co.uk/groups?&threadm=a1777f85.0207291153.7910270@posting.google.com>

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>>> [http://groups.google.co.uk/groups?&threadm=XvKJa.100908\\$hd6.25327@fed1read05](http://groups.google.co.uk/groups?&threadm=XvKJa.100908$hd6.25327@fed1read05)

>>>

>>> <http://groups.google.co.uk/groups?&threadm=v3jsdv43ch9d4nnd1n3d3ci5vtggm907ev@4ax.com>

>>>

>>> *Dirk Vdm*

>>>

>>> *Dirk as usual you do everyone on this group a service in tracking down the*

>>> *true agendas of these cranks. The above posts are sickening. I may be a*

>>> *bit too sensitive on this issue because friends of my family when I grew*

>>> *up*

>>> *had the tattoos from a concentration camp and what they told me was*

>>> *horrific. They escaped because they were husband and wife – the husband*

>>> *was*

>>> *a world renowned violinist and his wife was a good pianist. They would*

>>> *entertain the Germans while they watched their fellow Jews killed. The*

>>> *interesting thing was they worked at a German restaurant whose German*

>>> *owners*

>>> *(also friends of our family) as children lived though the war. They never*

>>> *sought to deny the holocaust but always found it a very uncomfortable*

>>> *subject and believed the German people could not have been that cruel.*

>>> *And*

>>> *I agree the German people overall were not responsible for it. I*

>>> *understand*

>>> *their reaction – but to deny it actually happened boggles the mind.*

>>>

> *Thanks*

> *Bill*

>

>

Did you ever ask your violin friend how much money they have been receiving from the German government and corporations?

<http://www.ihr.org/leaflets/libcamps.shtml>

Regard,
Roberto

Matthew 27:25

"All the people answered, 'Let his blood be on us and on our children!'"