

Re: JCON's physics degree says $qE(1 + v^2/c^2)$ is made up equation!

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Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2007-10/msg00331.html>

- *From:* jcon <cirejcon@xxxxxxxxxx>
 - *Date:* Fri, 05 Oct 2007 07:46:44 -0700
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On Oct 5, 9:09 am, "gu...@xxxxxxxxxxxx" <gu...@xxxxxxxxxxxx> wrote:

at:<http://groups.google.com/group/sci.physics.relativity/msg/b3adcd1867e...>

I write:

"> we are solely using the equation $F = q(E + v \times B) = qE(1 + v^2/c^2)$ to determine the distance in BOTH FRAMES."

JCON replies:

" It looks like you got the dimensions right, which is pretty good for around here, but except for that, it's just a made up equation."

I hope you don't cause a radiation explosion over there.

Well everyone $qE(1 + v^2/c^2)$ is a made up equation. And please do not worry they always reply they ment something else afterwards.

No, I meant what I said. It's not impossible that that equation might be applicable to *some* situation, but the expression you wrote $F = q(E + v \times B) = qE(1 + v^2/c^2)$ is trivially incorrect as a general statement (consider the case of zero E field). It is also trivially incorrect when applied to two electrons.

Of course, it would be very easy to prove me wrong. You just need to find this in a reference somewhere. You know, in one of those books you don't own :)

I guess I should be honored that I now have thread with my name on them, so everyone can see me make fun of you.

-jc

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