Re: Eric Gisse doesn't know the basics of Relativity

Source: http://sci.tech−archive.net/Archive/sci.physics.relativity/2007−08/msg00614.html

- *From*: "guskz@xxxxxxxxxxx" <guskz@xxxxxxxxxxx>

- *Date*: Tue, 07 Aug 2007 02:46:24 −0700

On Aug 6, 8:57 am, "T.M. Sommers" <t...@xxxxxx> wrote:

> Eric Gisse wrote:
>
> > On Aug 5, 9:16 am, "T.M. Sommers" <t...@xxxxxx> wrote:
> >
> > > gu...@xxxxxxxxxxx wrote:
> > >
> > > > On Aug 5, 11:12 am, "T.M. Sommers"
> > > > <t...@xxxxxx> wrote:
> > > >
> > > > > Temperature is not
> > > > > invariant. It transforms as
> > > > >
> > > > > T' = T * (1 − v^2/c^2)^(1/2)
> > > >
> > > > Come on. Rest Mass is a Lorentz invariant
> > > > scalar.
> > >
> > > Never heard of invariant mass, M' = gamma
> > > M.
> > >
> > > M remains invariant.
> >
> > I thought we were talking about temperature. What has mass
> > got

> to do with it?

> Nothing. He seems to believe that the kludge known as "relativistic mass" somehow invalidates my argument.

> This has been going on since April. He didn't understand then, and doesn't understand now as evidenced by his latest little temper tantrum. Every so often he has to spam this newsgroup with about 20 posts saying how stupid I am and whatever.

> http://groups.google.com/group/sci.physics.relativity/msg/8ec41d88e75...

> That is the argument for why temperature transforms as such.

I'm not so sure, anymore. Based on a quick search of arXiv, this seems to be an unsettled area of physics, with some saying

T' = T * (1 − v^2/c^2)^(1/2),

some saying

T' = T / (1 − v^2/c^2)^(1/2),

Actually Paul Anderson gave a web link to the answer above (T' = gamma T) and the same link also "clearly" says that Temperature is a Lorentz Invariant Scalar. Wikipedia also said the same.

ANSWER AT: http://www.ipc.bas.bg/PPages/Avramov/RelatJrus.pdf

But Eric Gisse "after" reading both, continues to deny it which means "everything" he says is a Lie to hide the fact.

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