

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

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics.relativity/2007-08/msg00509.html>

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- *From:* "guskz@xxxxxxxxxxxx" <guskz@xxxxxxxxxxxx>
  - *Date:* Mon, 06 Aug 2007 08:07:02 -0700
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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...@xxxxxxxxxxxx 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

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

If a gas' pressure increases, then it's temperature as well.  
If the pressure of the gas molecules increases then so does their velocity.

Thus velocity, pressure, temperature all increase.

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