

Re: Formula for Decelerating Light

Source: <http://sci.tech--archive.net/Archive/sci.physics/2008-05/msg00674.html>

- *From:* jjsajd@xxxxxxxxxx
 - *Date:* Thu, 8 May 2008 18:06:19 -0700 (PDT)
-

On May 8, 8:26 pm, Eric Gisse <jowr...@xxxxxxxxxx> wrote:

On May 8, 3:41 pm, jjs...@xxxxxxxxxx wrote:[snip]

Yeah if, of course photons travel through gravitational fields and slow down this is well known, and as soon as they pass through they resume their normal speed... c

Its' subtle, which meansMikeWon't Get It(tm).

First off there is the whole issue ofMikeis being hypocritical in his arguments. You can't contradict GR in one breath then use it to support your arguments in the next. Maybe he doesn't know. Hell, it isn't even a maybe now that I think about it...

Then there is the issue of the effect itself. Light doesn't "slow down", per se, but the coordinate speed of an object traveling along a null path changes as compared to its' speed in flat space.

Some ofMike'sof many problems is that the effect will /not/ skew distances the way he wants to believe, or that the luminosity of objects will fall off in the right way, or that any of it makes any fucking sense to someone marginally educated.

[snip]

I like how he utterly ignores all mention of the Tolman surface brightness test now.

First hes like "what is it, explain it to me". I tried, and I gave links that explained it to me. He still didn't g