

Re: Help with tensors (re-post)

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2005-09/msg02146.html>

- *From:* Tom Roberts <tjroberts@xxxxxxxxxxx>
 - *Date:* Fri, 30 Sep 2005 09:59:15 -0500
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Bilge wrote:

Pmb wrote: >Hey! roberts! Don't you get it dude? Weinbrng wrote his text with the >graduate student in mind. He wrote it with the graduate student of 35 years ago in mind.

Yes, well I was a graduate student, in physics, 34 years ago. I purchased his book in 1973 or 74 when it became apparent I would be unable to take the course on GR, due to scheduling conflicts (my dissertation necessarily took precedence). Biblophiles of the world, unite!

I remember a choice between Weinberg and MTW; being both untutored in GR and a penurious grad student, I chose the cheaper one. False economy, that!

>A graduate student who the text was written for knows all this like >the back of their hands.

Not true. I don't ever remember the underlying geometry being discussed in class, or anywhere, prior to my purchasing MTW in 1997 or so (due to suggestions on this newsgroup). Certainly Riemannian geometry was not in the typical physics curriculum when Weinberg's book was written, except in courses on GR. The fact that MTW was also on the course list speaks volumes....

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