

Re: Photon, Momentum, Mass

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- *From:* Bilge <dubious@xxxxxxxxxxxxxxxx>
 - *Date:* 07 May 2007 17:09:01 GMT
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On 2007-05-05, John Kennaugh <JKNG@xx> wrote:

Tom Roberts wrote:

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Tom Roberts wrote:

What "physical process" makes it be
straight?

As per Newton's laws of motion.

This is not at all a "physical process".

I did not say it was.

If you like it is an axiom of physics that 'straight' is natural
and
a physical process is required to change it from that natural
state.

So you DON'T really expect a "physical process", even though you have
repeatedly demanded one.

I don't expect a physical process when none is required.

This is in essence an assumption that Euclidean geometry applies
(geodesics in E^3 are where "straight lines" come from).

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Laws of motion have nothing to do with Euclidean Geometry.

Wrong. As soon as you assume some geometry for the universe, the laws of motion follow.