

Re: Speed of Light is Constant in Tired Light Models, Decelerated Light is a new model

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- *From:* Sam Wormley <[swormley1@xxxxxxxxxx](mailto:swormley1@xxxxxxxxxx)>
  - *Date:* Fri, 09 May 2008 13:55:11 GMT
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Michael Helland wrote:

On May 8, 8:20 pm, Sam Wormley <[sworml...@xxxxxxxxxx](mailto:sworml...@xxxxxxxxxx)> wrote:

Michael Helland wrote:

On May 8, 4:52 pm, "OG" <[o...@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:o...@xxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

They [photons] do spend time inside atoms between absorption and emission, so it takes longer to get from point a to b.

Show that in a Feynman Diagram

X = electron  
O = photons

```
O X
 \ /
 \ /
 X
 |
 |
 X
 /\
 O X
```

Your diagram implies the absorption of a photon of one wavelength and the emission of a second photon of a different wavelength.

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That's what is observed, and that's consistent with the rule  
where all  
photons are emitted at  $c$ .

Nope. Wrong again.