

Re: Photon properties.

Re: Photon properties.

Source: <http://sci.tech--archive.net/Archive/sci.physics.particle/2006-02/msg00052.html>

- *From:* "PD" <TheDraperFamily@xxxxxxxxxx>
 - *Date:* 21 Feb 2006 06:25:02 -0800
-

Do Do wrote:

"OK, first of all, be careful mixing photon and wave descriptions. A photon is not "really" a wave, and a light wave is not "really" a photon. Light is what it is, and it has properties that are both like a

wave and like a particle, without being really one or the other."

Vergon

Saying "Light is what it is" explains nothing.

That's true. We define light by what it does, because we have an inadequate terminology to capture what it is. Unfortunately, understanding what it does takes a substantial amount of work to get a good feel for it, precisely because we don't have a familiar pigeon-hole to drop light into to help us frame a concept of it.

What our man is concerned with here is the wave/particle duality.

And that's precisely what I briefly described above.

If you would like to see a model that explains it all in understandable terms, see the monograph "On the Quantum as a Physical Entity".

Go to <http://www.wbabin.com>. Then go to "List of Authors" and click on Vertner Vergon. This is the General Science Journal. Excellent.

Not that it matters to you, but I withhold endorsement of this paper.

PD

Re: Photon properties.

Re: Photon properties.