

Re: Wave-particle duality

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- *From:* "Sergey Karavashkin" <selfrans@xxxxxxxxx>
 - *Date:* 14 Sep 2006 10:33:02 -0700
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G=EMC^2 Glazier ?8A0;(0):

Dear Sergey I'm sorry if I was not more direct in answering the "wave particle duality" Yes I(must apologise when my thoughts jump around a little. Best we all remember thinking point particles,waves,and fields is tricky stuff. Reality is little of QM(micro world) relates in our 3 dimensional macro world. Sergey we know nature creates in pairs,and I'm hypothesis the photons twin is "virtual" Lets further say they travel through space horizontally. So coming to a slit the regular photon goes through the left slit and its virtual twin goes through the right slit. Thus proving a virtual photon makes a measurable interference pattern. Now take an electron being a cloud of both virtual photons,and half of the virtual photons it can give the same results. Can add a bucky ball,and a virus have been used and the same amazing effect takes place. Reality the answer like all right answers,are very simple. Reality is its QM theory stuff,and we don't live in that tiny realm Bert

Dear Herbert, before your ideas get a right to exist, they have to be consistent with some criterions of relevance to the nature, haven t they? So I will list you some discrepencies, doing not touching the physics of photons but concentrating exceptionally on the wave-particle duality.

1. As to virtual photons. Should the surrounding nature be virtual, there would not exist such science as archaeology. Virtual things do not leave tracks. Only that leaves them what really occurs in nature, irrespectively of, observe we or not, or are we trying to study the consequences of what happened some time ago. This shows, we may not operate in physics with the concept of virtual. This violates the conservation laws and leads us not to the study of regularities of nature given us by God but to the fantasy as if God puts the truth into your mouth.

2. Sergey we know nature creates in pairs, and I'm hypothesis the photons twin is "virtual" Lets further say they travel through space horizontally . Doing not touching the issue, how absurd the

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conception of photons is, I would mention that photons have no virtual pair. The idea that photon travelling oppositely to another photon is anti-photon, or that a photon having another rotation of the polarisation plane is anti-photon, is