

Re: Collpase of the wave equation – not!

Source: <http://sci.tech–archive.net/Archive/sci.physics.relativity/2004–08/0728.html>

From: nightbat (nightbat_at_home.ffni.com)

Date: 08/03/04

Date: Tue, 03 Aug 2004 08:50:14 -0500

nightbat wrote

Dirk Van de moortel wrote:

>
> "Greysky" <greyskynospam@sbcglobal.net> wrote in message
news:X5sPc.5552\$AY5.3263@newssvr21.news.prodigy.com...
>> *This problem has been seemingly one of the largest conceptual problems of
>> the quantum physics. How a 'probability wave' can be in a superposition of
>> states, essentially an infinite number of states, yet somehow collapse to
>> only one outcome when observed with our various apparatus.*
>
> *You have a wave function that can be used to calculate the
> probabilities of the various outcomes of some experiment.
> After the experiment the outcome is known and you have
> another wave function.
> Someone decided to call this "the collapse of the wavefunction".*
>
> *Dirk Vdm*

nightbat

Gentlemen, with no personal disrespect, you two however are beginning to sound like elusive mystical guru's instead of profound scientific regular posting investigators. There is a difference between imaginary and physical reactions, that which is real from that which is virtual or imagined. One can collapse to self deduced mental observations or desires as perceived reality or experience and note, if wise, submit to peer process for ascertaining possible real ones from purely illusory ones and, if not objective peer correlated, perhaps confuse or not always be able to distinguish between real. Pull back, one must learn to pull back from the mental deep, and total simple self reliance on purely theoretical or exacting higher level mathematics, even initial face observations, as no safe harbor. There is no substitute, however, for actual working model. Surety of fact is sometimes fleeting, an imagined lover is never equal to a real one, but some say can come very close. Are we made of imagined or observed deduced collapsed stars as real physical processes or virtual energy wave functions in condensed matter form that can be truly measured and

perceived, and can they be one and the same? Is the presented quantum reality too intricate for present mortal full understanding, Einstein's pointing deducing that human intuitiveness is not enough? Are we therefore, in examination of the ever further Planck length sub energy fields, left with only more questions and doubt then understandable logic or proof? If there are germs so micro invisible and undetectable, but that can physically sicken or kill us, then why doubt? Can we ever fully understand the eternal energy well from which all things apparently come? What then is considered real, the temporary impulse wave front, or its collapsed reactive ongoing effects? Are both not needed and critical to our discovery of what is, visible or invisible, or is only, ultimately, and therefore the physical understanding of wave function what really matters? Can we distance and logically separate, even for a moment, energy and mass dual understanding preoccupation from full background spectral analysis, for fundamental understanding the overlapping wave field as or from a disturbed uniform one?

In order for light to be self sustained photonic or reflected light, as energy based bundled particle quanta or group wave, it requires counter resistance, pressure, and or apparent nuclear non degenerating preserving cohesive force. And additionally, if there is no perceived or detectable medium presenting or resupplying same, then what is causing light's relative invariant fixed momentum in space vacuum? Even, for argument sake, if Greysky has truly found FTL and a way for non resistive transmission of energy in vacuum, then that too however would not prove absence of medium. For this would not negate actual observed upper limit of renormalization of fields to base uniformity.

Perhaps Mr. Greysky can lend some theoretical or practical model insight as to what energy supplying process is presented to permit faster then light, but lower then total equalized field upper limit possibility, and its sustainment in an present no medium needed field premise.

the nightbat