

Re: Re: A question of discrete space–time, part 3

Source: <http://sci.tech–archive.net/Archive/sci.physics.research/2005–06/msg00607.html>

- *From:* "Hontas F. Farmer III" <hfarmer@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 29 Jun 2005 21:32:10 +0000 (UTC)
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John C. Polasek wrote:

- > My theory posits a discrete space time if you want to look at it that
- > way. Everything originated in electron positron pairs in cells of
- > specific dimension $3.541e-14$ m. See paper #1 on my website.
- > John Polasek
- > <http://www.dualspace.net>

Having read you paper in total I observe the following.

In your paragraph on black holes you state

"Dual Space computes Vesc similarly, but due to the Navier Stokes weakening effect, c merely declines to zero at a black hole. (also the cell size expands without limit)"

Consider the following question. What happens to a photon which is mass–less when it's velocity goes to zero? To consider this one does not need to use any relativity. Consider the de Broglie Wavelength formula. $\lambda = h/p$ where h is Planck's constant and p is momentum. When the velocity goes to zero the photon has no momentum therefore it's de Broglie wavelength (which is the same as the wavelength that determines it's color there is no difference there) goes to infinity. That will be true even if you suppose a nonzero mass for a photon. How then could it fit in side the black hole? The "cell size" increasing without bound is also very bad because then how could a cell fit in a black hole? Anything increasing with out bound is bad in physics. Divergences are a bad sign for a post–modern theory.

I also see that the theory has one glaring fatal flaw. It seems that when you encounter a problem which the original principles of dual space cannot handle you introduce another principle. A well constructed theory will flow naturally from one or two principles and axioms. That is the appeal of the General theory of Relativity. The fact that your theories predictions can be explained in a more simple manner which does not have the problems that Dual Space does means that your theory has been superseded. Superseded before it was even written down.

Don't take this personally.

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Re: Re: A question of discrete space–time, part 3

Let me get this straight we "advanced" from telegraphs to email?—GeorgeCarlin
<http://www.geocities.com/hontasfx>

• **References:**

◆ ***Re: A question of discrete space–time, part 3***

◇ *From:* John C. Polasek

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