

Re: Aether is the empty space in which the Universe sits

Source: <http://sci.tech-archive.net/Archive/sci.physics/2004-10/1479.html>

From: Creighton Hogg (wchogg_at_hep.wisc.edu)

Date: 10/05/04

Date: Tue, 5 Oct 2004 11:54:01 -0500

On 5 Oct 2004, FrankH wrote:

> "robert.j.kolker" <nowhere@nowhere.net> wrote in message
news:<2sf57rF1kea17U1@uni-berlin.de>...

> > FrankH wrote:

> >

> > >

> > > These are just a few of the musings I've had about the aether. I make
> > > no claim of right or wrong, but I think giving the aether a physical
> > > description is vital in trying to explain how such an aether might
> > > work. Such a physical description may also give rise to experiments to
> > > show that empty space is actually filled with neutrons – has anyone
> > > tried?

> >

> > Don't give up your daytime job. The system you have described would make
> > motion impossible unless there were empty space between the particles,
> > which contradicts your assertion.

> >

> > Bob Kolker

>

> Motion would be possible as long as the neutron bonds aren't very
> strong and the neutrons show some compressibility. We are used to
> solids which restrict movement. For example, you can't pass through
> solid steel. But you can pass through solid aether because the bonds
> between the particles isn't very strong and they are easily pushed
> aside. But it is still a solid because it has a specific bonded
> arrangement that allows it to exactly transmit any wave action applied
> to it including transverse waves. You could think of it as a cubic
> lattice attached by springs. I also wouldn't think that the aether is
> perfectly aligned either. It may contain aligned grains or crystals
> like those found in solidified metals. I also think the aether must be
> a compressible medium because it explains the basic physical mechanism
> for the attraction between protons and electrons. It has been shown
> that 2 objects vibrating in phase in a compressible medium will
> attract while similar objects vibrating out of phase repel in

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- > *accordance to the $1/r^2$ law. This is known as the Bjerknnes forces. The*
- > *ambient thermal energy causes protons/electrons to ring like bells and*
- > *it is the interactions of these waves that we detect as the*
- > *electrostatic force. This model would predict that protons emit an*
- > *extremely high frequency which is identical to electrons but phase*
- > *shifted. This reduces all the phenomenon we see down to an easily*
- > *understood physical model.*

All the phenomenon we see? What about weak and strong interactions? What about the internal structure of the protons and neutrons? What about the neutrinos? Does it explain the neutrino masses and their splitting?

If empty space is filled with neutrons as you say, how can this be stable? Neutrons decay rather rapidly. Protons, however, are quite stable.