

The big push now is in obtaining cheap, reliable, controllable fusion power.

The thing that no one seems to understand is that fusion energy is obtained exactly the same way as chemical energy in that in the two methods, fermions are aligned up similarly in BOTH.

Either the poles of two same spin fermions are aligned up closer, such as in pi bonding, or the sides of a spin up - spin down fermion are aligned closer as in sigma bonding.

This is EXACTLY what also happens in the release of fusion power.

It's hard to believe that even the experts don't seem to understand that these fermions are obeying [the Aufbau Laws](#) or Ampere's 1825 laws corrected for relative motion and frequency.

[Ampere's Laws](#) and WSM ([Wave Structure of Matter](#)) are important elements in the quest for a Theory of Everything.

Cheers

Dan Fitzpatrick Jr.

Viv Pope,

There were only two important areas in which I and your neighbor in Wales, Caroline Thompson, agreed upon.

After reading this (below) from Caroline I saw that now there is only one area left where we agree and that is the absolute irrelevancy of the Bell tests.

In this (below) Caroline repudiates the one important universal law that builds our ENTIRE universe:

I will NEVER forget a previous e-mail from Caroline.  
(I'm trying to find it.)

In that previous e-mail, Caroline and I discussed these out of phase resonances. I believed she published something like this - below in red - too,

Caroline and I agreed with this following idea:

**Space (repulsive force) is being constantly produced between out of phase resonances whereas no space (binding) is being produced between in phase resonances.**

She might not have quite said ALL of this but the above was exactly the picture I got at the end of our e-mail discussion and I sure wished that I had thought of it first.

Fitz

Yahoo's Wave Structure of Matter Group

Message # 4378

<http://groups.yahoo.com/group/Wave-Structure-Matter/message/4378>

also on my server at <http://www.rbduncan.com/Carolines.htm>

**From:** "Caroline H Thompson" <[ch.thompson1@v...](mailto:ch.thompson1@v...)>

**Date:** Thu Aug 26, 2004 6:46 am

**Subject:** How attractive forces work

Hi everyone

Discussion recently seems to me to have little bearing on the wave structure of matter!

Let's get back to earth. I've been working for the past couple of days re-vamping my original PWA paper

<<http://freespace.virgin.net/ch.thompson1/Papers/phi-waves.htm>> to make a chapter for a new book to be published by Apeiron. I got to re-thinking about attraction. I'd described it before in very anthropomorphic terms, but with a little help from Gabriel LaFreniere's ideas (<<http://glafreniere.com/>>) I think I can now make it more scientific.

Here's what I wrote yesterday:

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My original inspiration for phi-waves was as an explanation for the Coulomb force, which was to be determined by the gradient of their amplitude, but how can I explain in terms of wave centres why positive charges should move one way and negative the other? I'm not sure what a ?positive charge? is! I have provisionally identified electrons with wave centres, and it seems reasonable that they should be pushed towards regions of lower phi-wave amplitude, so that if positive charge means merely that the sources are pulsating with lower amplitude this would account for an electron moving towards a proton, but why should the proton move to

meet it? Why should  
like positive charges repel?

Perhaps my original idea that out-of-phase waves  
always push wave centres  
was wrong. Could it be that they push wave centres  
that are pulsating at  
almost maximum amplitude whilst they effectively pull  
those that are below  
par? Let us reconsider what is happening to make a  
wave centre move. The  
centre, after all, only really exists as such for part  
of its cycle, when  
the phi value is high. Phi then decreases to zero and  
the centre re-forms,  
possibly in a slightly different position. It has not  
really been pushed or  
pulled at all, just regenerated in a new place. There  
is thus no reason why  
there should not be an actual pulling effect. By  
re-forming a little nearer  
to the dominant phi-wave source (which presumably is  
?negatively charged?,  
having strong pulsations), a weakly pulsating centre  
will become stronger.

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Does this make sense? It seems to me to be a slight  
improvement on saying  
that the positively charge body is hungry for  
phi-input and therefore moves  
towards a good phi-source! What may in fact happen is  
the weak wave centre  
vacillates -- keeps "changing its mind" -- there I go  
again,  
anthropomorphising! Anyway, a weak ("positively

charged") wave centre keeps disappearing and reappearing, but presumably can't in practice move to just \*any\* new site since it would not exist at all if it were not already in a slightly advantageous position. One "good" position is bound to be surrounded by other reasonably good ones, since all owe their properties to being at exact integer numbers of wavelengths away from other wave centres. Our weak wave centre can partly re-form in several of these alternative sites at once but the strongest "re-incarnation" will be one that is nearer to the new strong source -- the new negatively charged body that has been introduced into the environment.

It seems to take quite a few words to describe what's happening. An important feature of my new idea is that **I'm no longer saying that out-of-phase phi-waves always push wave centres.** They push strong wave centres but attract weak ones.

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Version: 6.0.727 / Virus Database: 482 - Release Date: 26/07/2004