What is a Wave Front? *October 8, 2006*

Posted by healthyself in Space, Environment, Research, Blogroll, Definitions, Quantum Physics, Waves, Harmonics, Integrative Medicine, QV, Resonance, Beneficial frequencies, Biological Effects, Vibration, Vibrational Medicine, Electromagnetic waves, Interdisciplinary, Biomimetic, Frequencies, Unified Field, Resonant Frequency, Electromagnetic Field, Scalar Wave, Electromagnetic Spectrum, Research Needed, Quantum Vacuum, Bioscalar Energy, Electromagnetic Interference, Pure Tone, Quantum Waves, Wave Front. add a comment

"wave front

is an imaginary surface representing corresponding points of a wave that vibrate in unison. When identical waves having a common origin travel through a homogeneous medium, the corresponding **crests** and **troughs** at any instant are **in phase**; i.e., they have completed identical fractions of their **cyclic motion**, and any surface drawn through all the points of the same phase..."

"The important words in the above are **"the corresponding crests and troughs at any instant are in phase."**

"Now imagine an onion where - in each separate layer of onion skin - the **transverse waves**, making up that particular skin, **have their crests and troughs all in phase at the same instant**."

This onion **phase** image, then, is the best picture of a **scalar**, standing wave that anyone will ever give you.

Oh yes, a scalar wave, of necessity, must always be a standing wave....Essentially, **standing waves are not absorbed**, by the surroundings, while the rest are.

And **this is the secret to the construction of our universe** where all particles were/are created as scalar, standing waves.

"Why this happens we don't really know.....It's hard to envisage an infinite universe but it is not hard to envisage an infinite frequency spectrum and this is what I think we have, full of various frequency waves of all sorts."

"Every so often just like piano keys, at certain points in this frequency spectrum, scalar standing waves are allowed to develop and remain and are NOT absorbed by the surrounding wave cacophony."

"These, then, are all our **permanent particles....** Now imagine an onion where - in each separate layer of onion skin the transverse waves, making up that particular skin, have their crests and troughs all in phase at the same instant. This onion phase image, then, is the best picture of a scalar, standing wave that anyone will ever give you. Oh yes, a scalar wave, of necessity, must always be a standing wave. Essentially, standing waves are not absorbed, by the surroundings, while the rest are."

Dr. Milo Wolff read the above words of Dan Fitzpatrick and replied:

...an important property...of the wave structure of the universe = **the energy exchange mechanism....** by definition a STANDING WAVE is not absorbed or exchanged - otherwise it is no longer standing.

"Exchanges are always **resonant** - like two piano strings of the same **tone**. That is about all there is to exchanges and non-exchanges....the Universe is the way it is because it only takes on the wave structures allowed by the rules?**The rules of waves in space."**

"The Universe is very simple because ALL the rules are contained in Principle I (the Scalar Wave equation) and Principle II (medium density), and of course 'space' itself. These rules create the Atomic Table and that leads to ALL the millions of different metals/atoms/molecules/compounds. We can't ever calculate them all, but the rules are so simple that we understand how it works."

"You could almost say "We are all made of onions!".....We understand the Universe. QED**...T**he only thing we don't understand is '**space' - the wave medium**. What is it? How did it get there? Why does it have these **wave properties**?"

..."Why do people keep on speculating on useless other things, discrete particles that don't exist, math that applies to nothing, when ALL their questions are answered by the Wave Structure of Matter? Especially when **the real remaining problem is SPACE!"...**Most people play an endless gamble hoping that an old idea they once had will turn fruitful. "
"...**Standing wave resonances** exist in an infinite sea of **quantum waves**."

Milo Wolff.

Over 4 Decades of Daniel P. Fitzpatrick's Books, Papers and Thoughts

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