Date: Sat, 10 Apr 2004 17:32:14 -0700 (PDT)

From: "Zeus" <zeusrdx@yahoo.com> Add to Address Book

Subject: frequency vs energy

To: zeusrdx@yahoo.com

Caroline said,

"You are equating frequency with energy again! Yes, things can resonate at a certain frequency. No, this does not necessarily mean that a fixed amount of energy is involved. They can resonate with different amplitudes."

Spring planting time is taking me away from this science world so I'm late with all of this.

We are dealing with only one amplitude Caroline.

I'll have a bit about Planck's constant making it one amplitude in another post.

Also, in the same vein, you will notice that energy in quantum theory is given in volts.

Well, it should be given in watts shouldn't it?

But in dealing with quanta, Caroline, there is NO CHANGE IN AMPERAGE.

Amperage, current flow, AMPLITUDE, stays the same.

So energy can be expressed in voltage.

Or energy can be expressed in frequency as well in many cases.

Since blue light is double the frequency of red light then the voltage from a quantum of blue light is double the voltage of red light.

Since amperage stays the same then the energy of a quantum of blue light is twice the energy of a quantum of red light as well.

z