CREATION SPACE GEOMETRY

BY

Jerry E. Bayles

June 26, 2020

Extensive studies have led me to the conclusion that the space we inhabit may have hidden properties that pre-Colombian and pre-Dynastic builders not only knew about and understood very well, but could use those hidden geometries and related forces to build such huge structures as the Great Pyramid of Giza in Egypt and countless other pyramids and 'temples' all over the world. The moving and precision carving of granite and other hard stones weighing hundreds of tons in some cases is a mystery to builders of today.

The use of acoustic energy mixed with electromagnetic energy is apparently fundamental to the energy generation capabilities of the structures and suggests to me that the structures utilized quantum non-locality to communicate and link energies of those structures to form a connected grid that was equivalent to one giant energy generating machine. Further, I suspect the builders could move easily through the stones of the structures by shifting the phase of their bodies '*refresh rate*' which placed their body into a different '*time slice*' of reality.

Let me explain time slice: Imagine yourself in a movie theater where the pictures arrive at the screen all at once instead if the line by line of the scanning image generation of a television set. There is a time between the projected images where other images can be projected. Now you have a situation where your eyes are only able to see a synchronized slice of time that shows you only a picture related to your rate of being able to see. Then other people have a different rate time slice out of some fundamental main time and they see a total different picture which becomes their 'reality'. The projected form where all of the information arrives at once is a quantum projection since there is no time difference between related data elements on the screen. The builders are also projections that can shift the synchronizing pulse for their time slice forward or backward between the time slice of the stones they are shaping so that the stones form no barrier at all to their movement. This may have involved an electro-acoustic device that was part of the structure of their body. This also implies to me that the hidden structure of reality is very similar to the binary operation of a computer where 1's and 0's represent a state of being or of not being related to the phase in time of the primary clocking frequencies. Then reality as we know it may actually be created by a cosmic 'quantum computer' that is operated by GOD and it is in control down to the smallest particle in the universe. Further, there is no time delay in or out since it is totally quantum.

Even the memory of the audience member in the above scenario is refreshed and there is no memory of there being gaps of time since 'reality' only exists during the allowed slice of time. Then we become as 'avatars' in a giant creation that is a refreshed projected quantum energy field.

Computers deal with numbers and units are assigned by humans. The numbers are the most important in the computer operations. Below are three parameters involving the quantum form of Einstein's K constant in his field equation as well as ohms and inductance in the vertical order as shown. The output is the same number and is the quantum acoustic speed I have termed the Cosmic Quantum Velocity v_{air}.

$$K_Q := \left(\frac{G_{grav}}{v_{LM}^4} \right) = 1.253036495712 \times 10^{-6} \frac{1}{N}$$

$$v_{air} = 375.1052521248 \frac{m}{s} \qquad \text{Cosmic Quantum Velocity.}$$

$$v_{air1} := K_Q \cdot c_{vel} \cdot N = 375.650891013068 \frac{m}{s}$$

$$v_{air2} := \mu_0 \cdot c_{vel} \cdot \Omega^{-1} \cdot \frac{m}{s} = 376.730313461771 \frac{m}{s}$$

$$v_{air3} := \mu_0 \cdot c_{vel} \cdot m \cdot H^{-1} = 376.730313461771 \frac{m}{s}$$

The Cosmic Quantum Velocity v_{air} is not the only important quantum space related number. Also is the λ_{H1} and the λ_{H4} wavelength parameters as shown at the end of this paper in the related parameters section. Normally, the impedance of free space is arrived at by the equation below which is related to electromagnetic waves.

$$Z_{air} := \mu_0 \cdot c_{vel} = 376.730313461771 \, \Omega$$

Human science has assigned the units of ohms to the above expression and it is easily seen that Z_{air} is numerically related to the three equations for v_{air} above. Further, the hyperfine wavelength of hydrogen is equal to λ_{H1} and I propose that that wavelength is set by the properties of the cosmic space numerical computation requirements and not the arbitrary flipping of an electron from up to down (or visa versa) of the hydrogen atom. That spin-flip action most likely depends on the properties of the cosmic space numerical computation requirements and not the other way around.

The number 32 is the binary result of 2 raised to the 5th power which is common to binary computer logic. Notice above that λ_{H1} times 4 is λ_{H4} and the multiple of 4 is also fundamental to the geometry of cosmic quantum space in this analysis. The number 32 can be expressed as <u>4 times 4 times 2</u> and the below formula presents this method to arrive at a length λ_{EG} which is extremely close to 46 inches. This wavelength is directly related to electrogravitational dimensions.

$$\lambda_{EG} := \frac{v_{air}}{4 \cdot 4 \cdot 2} \cdot \frac{1}{f_{LM}} = 46.001414757682 \cdot in$$

For example; dividing λ_{EG} by λ_{LM} yields a number very close to the inverse of the atomic fine structure constant α as shown below:

$$\frac{\lambda_{EG}}{\lambda_{LM}} = 137.220970571338 \qquad where, \qquad \alpha^{-1} = 137.03598949333$$

The Bohr wavelength of the hydrogen atom is α^{-1} larger than the Compton wavelength of the electron which places extreme importance on the α ratio in atomic structure and all structure for that matter.

$$\lambda_c := \frac{h}{m_e \cdot c_{vel} \cdot 2 \cdot \pi} = 3.861593254677 \times 10^{-13} \, m \qquad \text{Compton electron radius}$$

$$a_o := \lambda_c \cdot \alpha^{-1} = 5.291772526754 \times 10^{-11} \, m \qquad \text{Bohr n1 radius of Hydrogen}$$

It is of extreme interest that the fundamental cosmic speed of v_{air} relates to water, granite and diamond acoustic speeds by 4 times 4 times 2 respectively.

$$v_{water} := 4 \cdot v_{air} = 1.500421008499 \times 10^{3} \, \frac{m}{s}$$

$$v_{granite} := 4 \cdot v_{water} = 6.001684033997 \times 10^{3} \, \frac{m}{s}$$

$$v_{diamond} := 2 \cdot v_{granite} = 1.200336806799 \times 10^{4} \, \frac{m}{s}$$

A pure number (without units) that demonstrates the importance of numbers themselves to the hidden structure of quantum creation space is shown below:

$$\frac{2\cdot\lambda_{EG}}{4\cdot\lambda_{H1}} = 2.768003458996 \qquad \text{where,} \qquad 4\cdot\lambda_{H1} = 2.769831242333\cdot ft$$

It is shown that there is a connection in magnitude between visual reality and the requirement to fit that to the same number in hidden creation space structure. Also, we can model a small right-triangular structure by the following equation:

$$\lambda_x := \sqrt{\left(4\cdot\lambda_{H1}\right)^2 - \left(\frac{v_{air}}{720\cdot Hz}\right)^2} = 26.154572569316\cdot in \qquad \text{where:}$$

$$atan\left[\frac{\lambda_x}{\left(\dfrac{v_{air}}{720\cdot Hz}\right)}\right] = 51.89565897502\cdot deg \quad \text{and} \quad atan\left(\frac{4}{\pi}\right) = 51.853974012777\cdot deg$$

That "small structure" has the rise in slope of the Great Pyramid of Giza and λ_x would be the length of the vertical through the center. The horizontal would be $v_{air}/720\,Hz = 20.511$ inch (= **1 long cubit**) and 4 times λ_{H1} would be the hypotenuse, or rising slope. That would simulate the structure of the Great Pyramid on a very small scale indeed. <u>That would be the basis for a small model of the Great Pyramid of Giza.</u>

Of further interest is the ratio of this small model to the size of the Great Pyramid's dimension where the side length of the Great Pyramid found to be:

$$\lambda_{GPside} := \frac{v_{air}}{\left(\dfrac{4}{\pi}\right)^2\cdot Hz} = 759.133129765965\cdot ft$$

The pure ratio of the corresponding sides of the large to the small is:
$$\frac{\lambda_{GPside}}{\dfrac{v_{air}}{720\cdot Hz}} = 444.132198049021$$

<mark>That pure ratio is equal to the '*Key Of David*' frequency f_{KC} where from constants:.</mark>

$$f_{KC} = 444.308757 \cdot Hz \quad \text{and} \quad \frac{v_{air}}{4 \cdot \lambda_{H1}} = 444.308756862487 \cdot Hz$$

As above, so below! Again, the unitless numbers are fundamental and appear without units to prove the invisible creation space structure guides what we see in our 'reality' space.

Ancient builders knew of special frequencies that fit the geometry of creation space and therefore defines our own space as a result. For instance, there is a 'temple' in Cambodia featured in a youtube video that has a seven headed snake that the author Praveen Mohan suspects represents seven key frequencies.

Sound Frequencies Of The 7 Headed Naga In Cambodian Temple:
https://www.youtube.com/watch?v=bl63gyEuWh8

The possible seven frequencies are presented below. They are arranged as three **phase velocity** related frequencies, a master Key of David frequency and three group velocity frequencies which are also waveguide related. **It is possible that waveguide geometry is associated with all quantum field action since fundamental particles show this to be a fact inherent in their motion.**

$$Phase3 := 1.421788022 \cdot 10^{04} \cdot Hz \qquad \text{x2}$$

$$Phase2 := 7.108940112 \cdot 10^{03} \cdot Hz \qquad \text{x4}$$

$$Phase1 := 1.7772350028 \cdot 10^{03} \cdot Hz \qquad \text{x4}$$

$$f_{KC} = 444.308757 \cdot Hz \qquad \textbf{Master}$$

$$Group1 := 111.0771893 \cdot Hz \qquad \textbf{x 0.25}$$

$$Group2 := 27.76929731 \cdot Hz \qquad \textbf{x 0.25}$$

$$Group3 := 13.88464866 \cdot Hz \qquad \textbf{x 0.50}$$

The above frequencies are based on the respective acoustic sound velocities on the associated medium. Again, the Master frequency is arrived at by :

$$\frac{v_{air}}{4 \cdot \lambda_{H1}} = 444.308756862487 \cdot Hz \qquad \text{where,} \qquad 4 \cdot \lambda_{H1} = 2.769831242333 \cdot ft$$

$$Phase3 \cdot \lambda_{H1} \cdot 4 = 1.200336806833 \times 10^4 \frac{m}{s} \qquad\qquad \text{Diamond Velocity}$$

$$Phase2 \cdot \lambda_{H1} \cdot 4 = 6.001684035854 \times 10^3 \frac{m}{s} \qquad\qquad \text{Granite Velocity}$$

$$Phase1 \, \lambda_{H1} \cdot 4 = 1.500420987689 \times 10^3 \frac{m}{s} \qquad\qquad \text{Water Velocity}$$

$$v_{air} = 375.1052521248 \frac{m}{s} \qquad\qquad \text{Cosmic Velocity}$$

$$Group1 \cdot \lambda_{H1} \cdot 4 = 93.776313102436 \frac{m}{s} \qquad\qquad \text{Medium Unknown}$$

$$Group2 \cdot \lambda_{H1} \cdot 4 = 23.444078262945 \frac{m}{s} \qquad\qquad \text{Medium Unknown}$$

$$Group3 \cdot \lambda_{H1} \cdot 4 = 11.722039135694 \frac{m}{s} \qquad\qquad \text{Medium Unknown}$$

Note: $\quad \dfrac{2 \cdot Group3}{f_{LM}} = 2.7680034606 \qquad$ Fundamental creation field number.

Each phase and group number above is multiplied by 4 in groups of 3. That has a biblical ring to it. QUOTE (NIV): In EZEKIAL 40:5; "...The length of the measuring rod in the man's hand was six long cubits, **each of which was a <u>cubit and a handbreadth</u>**." <u>That is in long cubits of 20.511 inches</u>. Six long cubits = 10.2555 feet = 120 Hz when divided into v_{air} above and double 6 cubits = 60 Hz. The measurements apply to "The New Temple Area" which is the temple yet to come as GOD's residence on Earth.

$$v_{air} \cdot \left[(20.511 \cdot ft)^{-1} \right] = 60.000013456194 \cdot Hz$$

I have previously proposed that 60 Hz is a fundamental refresh rate for what we consider as reality in our particular time slice. That has the structure of computer action. In fact, the lowest allowed quantum velocity v_{LM} to the highest velocity equal to the velocity of light c_{vel} can be examined in binary magnitude. **That is; v_{air} can be determined by binary multiples of 2 rising from v_{LM} and also from the velocity of light downscaled by the binary multiples of 2.** Then the above short range of 7 steps can be shown to be a small section of the total reality that may be available. I suspect that the Bible may contain a code for the creation structure based on frequency and length associated with the structure of creation space as well as physical space we call reality. The velocity of light may be derived from v_{air} as follows:

$$\frac{v_{air} \cdot (2)^{21}}{\left(\frac{4}{\pi}\right)^4} = 2.993247162496 \times 10^8 \, \frac{m}{s} \qquad \text{where} \quad c_{vel} = 2.99792458 \times 10^8 \, \frac{m}{s}$$

A very close agreement indeed. We can now derive v_{LM} from the velocity of light as:

$$\frac{c_{vel} \cdot \left(\frac{4}{\pi}\right)^4 \cdot \alpha}{(2)^{26}} = 0.085673527767 \, \frac{m}{s} \qquad \text{where} \quad v_{LM} = 0.085424546121 \, \frac{m}{s}$$

Note that the fine structure alpha (α) times the velocity of light c_{vel} equals the Bohr Hydrogen atom's ground state n1 velocity.

$$v_{n1} := \alpha \cdot c_{vel} = 2.187691416747 \times 10^6 \, \frac{m}{s}$$

Then the very structure of the hydrogen atom is also fundamental to creation space in the binary sense. We can derive next the fundamental cosmic velocity v_{air} from v_{LM} in binary fashion as:

$$\frac{v_{LM} \cdot (2)^5}{\alpha} = 374.599590551258 \, \frac{m}{s} \qquad \text{where} \quad v_{air} = 375.1052521248 \, \frac{m}{s}$$

The Great Pyramid at Giza has 27 slots in the Main Gallery that has been proposed by Christopher Dunn to be filled with stacks of resonators that amplified the energy of the Earth's fields to pump the Hydrogen atom's natural frequency to high levels for power generation. There are thus 26 spaces between the resonators exactly 8 hydrogen wavelengths apart which is 8 times λ_{H1} and thus 2 times 2.769831242 feet. It should be noted that binary 2 raised to the 26th power is a creation structure number. This may not be a coincidence.

$$h \cdot \frac{v_{air}}{\lambda_{H1}} \cdot (2)^{26} \cdot \alpha \cdot \left(\frac{4}{\pi}\right)^2 = 9.349033774408 \times 10^{-25} \, J$$

Which is in close agreement with the below expression:

$$h \cdot \frac{c_{vel}}{\lambda_{H1}} = 9.411715746311 \times 10^{-25} \, J$$

and where the frequency of the electromagnetic hydrogen maser emission is:

$$f_{H1} := \left(\frac{c_{vel}}{\lambda_{H1}}\right) = 1.420405750932 \times 10^9 \cdot Hz$$

Page 186 of Dunn's book, **"The Giza Power Plant"** states the maser frequency as"

$$f_H := 1420405751.786 \cdot Hz$$

Where, $\quad \frac{v_{air}}{\lambda_{H1}} \cdot (2)^{26} \cdot \alpha \cdot \left(\frac{4}{\pi}\right)^2 = 1.410945856927 \times 10^9 \cdot Hz$

Finally, $\quad \dfrac{\dfrac{v_{air}}{\lambda_{H1}} \cdot (2)^{26} \cdot \alpha \cdot \left(\dfrac{4}{\pi}\right)^2}{f_H} \cdot (1 + \alpha) = 1.00058875799$

(The $(1+\alpha)$ multiplier makes up for loss by entropy or spreading of the time slice.)

Gravitation

What about gravitation and the magnetic field? We are told that there are four fundamental forces. These are stated as: "the strong, weak, electromagnetic and the gravitational force." They all are based on the speed of light or on photon energy and that it is assumed that includes the gravitational force. However, the gravitational force cannot be reconciled with the other three due to the equations blowing up when the electromagnetic is merged with the gravitational formulae. I suspect this is by reason of only allowing the electromagnetic/photon action to be the force carrier. It is my approach to allow for a non-local action and a local relativistic space reaction to be the complete electrogravitational force also known as gravity for short.

In 1989 I read the following article in Scientific American concerning the Aharonov-Bohm experiment that demonstrated that the **magnetic vector potential** (also known as the A-Vector) could affect the momentum of a quantum particle and that it did so with the **magnetic source B field** completely shielded from the particle being affected.

GO: **SciAm April 1989 Article: Aharonov-Bohm Experiment**

This is a very important article since the A-Vector cannot be shielded against which makes it a prime suspect for quantum gravitational action. It is proposed in this paper that there are two forms of gravitation that work together to form the total force interaction. There is firstly the quantum action involving quantum magnetic structure and there is secondly the reaction part which involves the resulting electromagnetic reaction force. We begin with the quantum action of electrogravitation by stating the following quantum constants:

$$\Phi_0 := 2.067834610 \cdot 10^{-15} \cdot volt \cdot s \qquad \text{Fluxoid quantum}$$

$$A_{vec} := 2 \cdot \left(\Phi_0 \cdot a_0^{-1} \right) = 7.815281550919 \times 10^{-5} \cdot V \cdot s \cdot m^{-1} \qquad \text{A-Vector n1 H1}$$

The magnetic quantum force is a key part of the quantum electrogravitational force and it is the **quantum magnetic** force that stands apart from the current photon approach to unifying the forces. There are thus five actual forces. The electromagnetic force presently combines the magnetic and electric forces as one single force for only four forces.

By using the electromagnetic force as the force carrier, the very important quantum fluxoid that creates the A-Vector is hidden and it will be shown that this is key to the action of the electrogravitational field generation.. The below equation states the quantum case for magnetic force that is not suspected by contemporary physics.

$$F_{QM} := q_o \cdot f_{LM} \cdot A_{vec} = 1.256968670192 \times 10^{-22} \, N \quad \text{H1 n1 magnetic force}$$

The force above interacts with all other atoms in the universe instantly and is thus non-local to form the below system that is the electrogravitational action force.

$$F_{QEG} := F_{QM} \cdot \frac{G_{grav}}{v_{LM}^4} \cdot F_{QM} = 1.979760370156 \times 10^{-50} \, N$$

Where: $\quad \dfrac{G_{grav} \cdot m_e \cdot m_e}{a_o^2} = 1.977291361502 \times 10^{-50} \, N \qquad \text{Newton Formula}$

For distances other than a_o, the proper distance must be used instead and the total number of systems be summed in each side F_{QM} of the above equations.

Following the A-Vector generated <u>action</u> force, there is caused particle displacement in local space as a <u>reaction</u>. This is a displacement in distance and this generates a magnetic field by Maxwell's law. That involves the famous equation **Del Cross A_{vec} = B** which is the magnetic flux in weber per meter squared. Note that:

where: $\qquad h_{calc} := (q_o) \cdot 2 \cdot \Phi_o = 6.630211137883 \times 10^{-34} \cdot J \cdot s \quad = \text{Plank's constant}$

$$\frac{h_{calc}}{h} = 1.000624145904$$

Then: Fundamental charge q_o is created by dividing the quantum fluxoid into Plank's constant. From this non-local action by the A vector with other entangled A-vectors, the magnetic B corresponding fields are created in local space and this in turn creates the electric E fields. From this, the electromagnetic so called "gravity wave" is created and it is the **reaction** portion of the total electrogravitational non-local quantum **action**. First is the quantum 'cause' and then the local space 'effect'. The electromagnetic 'gravity' wave also has an A-vector component and can trigger the LIGO detectors no matter how they are arranged or shielded. The electromagnetic 'gravity wave" must of course travel at the speed of light as per Maxwell's derivations.

CONCLUSION:

Einstein's General Theory of Relativity has some beautiful mathematics that describe the motion imbued to matter that serves as a model for a created field but the mechanics are not there. In essence, He created a 'medium' that supports a field capable of controlling the movement of mass without force or substance and this is not mechanically sound by any logical form of physics. Einstein was a very smart man and I respect his powerful imagination and clever mathematics that created the model. However, when it comes to a workable explanation of gravitation, "the emperor has no clothes."

In contrast, the approach I have put forth involving quantum non-locality as the action of gravitation is logical and the mechanics are sound. From electrogravitation, we can connect to the magnetic and electric fields both static and dynamic as well as the electromagnetic, weak and strong fields. **In fact, this paper serves as a unification of the fields.**

Finally, observations will fit the predictions of GRT but both GRT and observations depend on the dynamics of electromagnetic waves and the speed of light. Even that is initially created in non-local space and could not occur without the quantum action described above.

$$\Omega$$

Jerry E. Bayles

July 12, 2020

Continue Below

CreationSpaceGeometryADD1.xmcd

<u>**Evaluation Parameters:**</u> Fundamental Cosmic EG Numbers Highlighted Yellow

$v_{air} \equiv 1.230660276 \cdot 10^{03} \cdot ft \cdot s^{-1}$ Quantum Cosmic Velocity

$\lambda_{H1} \equiv 8.309493727 \cdot in$ Hydrogen Hyperfine Frequency

$\lambda_{H4} \equiv 4 \cdot \lambda_{H1} = 2.769831242333 \cdot ft$

$f_{LM} \equiv 1.003224805 \cdot 10^{01} \cdot Hz$ Least Quantum Allowed EG Frequancy

$\lambda_{LM} \equiv 8.514995412 \cdot 10^{-03} \cdot m$ Least Quantum Alowed EG Wavelength

$f_{KC} \equiv 4.443087570 \cdot 10^{02} \cdot Hz$ Key Of David EG Fundamental Frequency

$\mu_o \equiv 4 \cdot \pi \cdot 1 \cdot 10^{-07} \cdot H \cdot m^{-1}$ Magnetic Permeability

$c_{vel} \equiv 2.997924580 \cdot 10^{08} \cdot m \cdot s^{-1}$ Speed Of Light

$\alpha \equiv 7.297353080 \cdot 10^{-03}$ Fine Structure Constant

$q_o \equiv 1.603177330 \cdot 10^{-19} \cdot C$ Electronic Charge

$m_e \equiv 9.109389700 \cdot 10^{-31} \cdot kg$ Electron Rest Mass

$G_{grav} \equiv 6.672590000 \cdot 10^{-11} N \cdot m^2 \cdot kg^{-2}$ Gravitational Constant

$h \equiv 6.626075500 \cdot 10^{-34} \cdot J \cdot s$ Plank's Constant

$v_{LM} \equiv \sqrt{\alpha \cdot m^2 \cdot s^{-2}} = 0.085424546121 \dfrac{m}{s}$ Least Quantum EG Velocity

The diameter of the universe may be computed based on the universe being projected into creation memory space by a computer action in binary form. Starting with the Compton diameter of the electron we can multiply that by a very large binary number as shown below. Note that the exponent is a common binary number of 128 which is 2 to the seventh power. Also, the result is the golden ratio squared or $(4/\pi)^4$.

$$\left(\frac{4}{\pi}\right)^4 = 2.628091457199 \qquad \text{(Pyramid Geometry)} \qquad \text{And:} \quad 2^7 = 128$$

$$\Phi_{gold} := \frac{1+\sqrt{5}}{2} = 1.61803398875 \qquad\qquad \Phi_{gold}^2 = 2.61803398875$$

The Compton diameter is calculated as:

$$\lambda c_{dia} := \frac{h}{m_e \cdot c_{vel} \cdot \pi} \qquad\qquad \lambda c_{dia} = 7.723186509353 \times 10^{-13}\, m$$

The calculated result for the universe diameter:

$$\lambda c_{dia} \cdot 2^{2^7} = 2.628064185575 \times 10^{26}\, m \qquad = \text{Universe Diameter}$$

The numerical result neglecting the binary multiplier is <u>very close</u> to the pyramid geometry of the Great Pyramid of Giza. Current universe size estimate is 8.8 x 10^{126} meters which is pretty close considering it is the "observable universe" estimate. I personally prefer the golden ratio result.

Instead of the universe "expanding", light may lose energy during travel and this would cause red shift. Even light must obey the laws of thermodynamics which requires all matter to be subject to entropy which is the loss of information and the state of energy from one unit of time to the next is information. That may be the difference in the result concerning the diameter of the observable universe above.
--Jerry E. Bayles   July 16, 2020

II

The Mechanics Of Light Travel

The travel of light is generally considered to be continuous. However, in my conceptual view, light may transport in box steps. That is, the wavelength divided by the time to complete a wavelength always equals the constant of the speed of light. When complete, the new 'box' jumps ahead to the next open interval as well as the side intervals and a new 'box cycle' is completed. The time between jumps is instantaneous. How each 'box cycle' is completed internally determines whether the observer will see a particle or a wave and that in itself is determined by the method of observation.

Each cycle-box has an imaginary positive energy alternation as well as an imaginary negative energy alternation and this averages to zero energy inside each 'box cycle'. Thus, the light can have no effective rest mass while in transit. This avoids relativistic consideration. When interfacing with other matter, the energy all becomes absolute which is totally positive. This can result at the time of interface to yield momentum since there is now real energy. (Both the positive and negative energy was plus and minus 90 degrees from real beforehand and at interface, both collapse to real and become positive energy. That is why wave functions are squared to obtain real values.

Thus, the concept of a continuum does not apply even to light. Therefore, all is quantum. Since General Relativity and Special Relativity are based on a 'Continuum', this puts both theories into a whole new '*light*'. Pun intended.
--Jerry E. Bayles July 16, 2020