

Please accept this document into your research archives and consider the possibilities of a truly unified 'geometric' theory.

You can consider this the crash course, verbal commentary additional to the images of Tetryonics, and from here, thousands of pages of those images have been extrapolated. This provides a firm foundation while allowing differing branches of sciences to speak the same language. The free downloads are the Tetryonic Hieroglyphics and a picture truly speaks a thousand words.

This document contains information that is coherent and consistent with the imagery Kelvin delivers.

Since his Principia Geometrica contains little commentary and just dives in, I've felt compelled to do my very best to articulate his ideas...using words more so than images. A feet in itself no doubt.

With that said, I am just a student after all and I encourage you and your researchers to contact Kelvin in order to tune up according to your current understandings.

Tetryonics is connecting up to all of the major discoveries of the last 400 years and beyond. Kelvin C. Abraham is the originator, the author, and the lone individual responsible for these materials. I'm simply a humble student that had a light bulb go off under my skull when I came to see this living framework.

Make no mistake about it, this is completely based upon first principles...I know...the key words of insanity...right?? but honestly, I'm not new to physics and we venture to guess that there are over 2000 individual researchers making great strides, day in and day out, with this new re-interpretation of physics. A new Bottom up approach, rather than the top-down observational process we are all accustomed to.

Please feel free to share any and all of these exchanges with anyone you see fit.

This is a theory of "microscopic first principles" down to it's very core!...The Planck Unit, but not only that, the Geometry of Planck Quanta themselves...

This is beyond the veil of secrecy, and is out in the public domain in an unexpected capacity. I'm providing password protected pages at the end of the email for you and your esteemed colleagues to review...These are word based commentaries, descriptions, and archival works from Abraham, but realize that words alone are never sufficient to reveal the underlying harmony and coherence at work here. The images themselves reveal the intuitive understanding that is now available - and they must be viewed!

<http://TetryonicTheory.com/downloads>

"Mathematics [as a scientific language] has simply failed to explain how physics works.

Equilateral Planck geometry on the other hand offers a concise, coherent explanation of all of the mechanics of the Universe.

The Maths of physics is a language in search of geometric grammar."K.C. Abraham

As Feynman observed, "Mathematicians...do not even need to know what they are talking about."

"Many scientists find it hard to believe that the investigators who constructed the currently accepted theories could have made so many mistakes. It should be emphasized, therefore, that the profusion of conflicts between present-day ideas and our findings does not indicate that the previous investigators have made a multitude of errors. **What has happened is that they have made a few serious errors that have had a multitude of consequences.**

Closer examination of the geometries **highlights a long-standing error** in the mathematical formulation of QM energy formulae, namely the **mistaken interchanging of planks quanta [v] for Einstein's frequency [f]** in relation to energy!

It, in fact, takes **2 charged Bosons [hv] to create a neutral Photon [hf] mathematically**. Equating the two, as historically has been the case, is the same as saying $2=1$. -- K.C. Abraham

In the strictest sense, a single triangle can be called a planck quanta, a zero point field, or a boson.

There are many layers within Tetryonics that are not immediately visible upon an initial initiation, but with a little bit of time, and someone like Kelvin to point out the resonant structures inherent in the theory, anyone, and I mean anyone, can come to fully comprehend the magnitude of acquiring quantum visualization of geometry...and like you have alluded to already...this process turns everyone into a philosopher...

There's something truly novel about this realm of consciousness research at this time and the door is opening, and opening wide my friends.

From your presentation document...

["Quasicrystal mathematics based on E8 geometry \[4\] seems to be a candidate for the language of reality, possessing several qualities corresponding to recent physical discoveries and various physically realistic unification models."](#)

... so with that in mind, I've found the key whole that you can launch from...

Tetryonics suggests...**"If Math is the language of Science, the Geometry of Equilateral Planck momenta is the Grammar the Math must follow."**

...without the grammar, mathematicians are basically writing their own sentences and therefor the theoretical/philosophical outcropping is amiss, and wrong interpretation of these mysterious abstract ideas, has littered the landscape of our thinking domain.

All Relativistic math comes about from the Equilateral Energy Momenta themselves. Think Geometry first and math second. The math can be shown, but understanding the geometrical relationships provides a more accurate quantum understanding. A Hubble Telescope for the quantum domain, if you will...

["If all particles are a form of energy, and if we consider a frozen moment of reality \(a "mosaic" of some unknown Planck length objects\), then everything is the potential \(information\) for work because in each frozen Plank time moment, no work \(change\) is occurring. But what is "work" at this microscopic foundation of reality?"](#)

["...the most popular interpretation of quantum mechanics, the Copenhagen interpretation, teaches us a bold new ontology that is disturbing to some who have thought deeply about it."](#)

"Our Universe is an electrically engineered EM environment comprised of countless [yet finite] equilateral Planck quanta of energy momenta...

Not a universe filled with spherical entities that can't make up their mind what and where they are, indeterminately blinking in and out of existence depending on if you happen to be looking for them or not.....

The statistical probability distributions that mathematicians lovingly attribute to indeterminacy and uncertainty in physics is nothing more than the gaussian distribution of bosons and photons in EM fields that make up all mass-ENERGY-Matter and fields of Force in our Universe." - Tetryonics

We're counting individual Planck Units of Energy, visualizing how they come together to form larger EM fields, and then moving on to the Standing Wave Tetrahedron Topology of Matter...the number of quanta within standing wave Matter Topologies is invariant, however....

Matter in motion creates a secondary Kinetic EM field that was lumped into Einstein's Stress Energy Tensor -- (meaning that he never differentiated between mass and Matter---as Tetryonics does)... all of the mass and Matter of the system under measurement was combined into one symbol, thus missing a key component of reality.

The Lorenz corrections ONLY applies to these secondary Equilateral Fields of Matter in motion.

Max Planck's Discovery of Discreteness, was without a specific geometry, and now having that geometry, a unification of all the sciences is at hand. The differing branches of science can all speak the same language. Chemists, with Physicists, Biologists, and Cosmologists combined with Mathematicians can work about the cabin from a common ground.

Planck was studying the charge carriers, the bosons (always identified by their ODD numbered geometry -- the Transverse Wave Relation). A single Boson as zero point field.

We see now that a Single Photon is comprised of 2...not 1 Energy units.

Einstein was studying the energy content of photons, not bosons which are the charge carriers.

Photons are the Longitudinal direction always EVEN numbered Quanta, but Bosons are the Transverse perspective...and always ODD numbered Quanta.

What is photon?

Photons are comprised of **dual charge bosons** that have combined to form a **neutral quantum** of energy momenta [light].

A photon's quantum charge geometry is **self-similar to the EM wave it creates** and is part of, and propagates at 'c' for the medium it is within.

Each photon has a quantum **magnetic moment** which enables to it be **polarized and refracted as it passes through fields external to it.**

Massless photons ?? An oxymoron created by maths if there ever was one.

By definition, mathematicians and physicists know that any measurement of energy per unit time is a measurement of mass yet they persist in such terms.

Photons that comprise all EM waves are **planar quanta of mass-energy momentum** [$p=mv=E/c$], yet watch a physicist squirm when you ask them to explain how a particle with momentum [$p=mv$] can be massless despite its measured linear momentum and energy content.

[and for an additional giggle ask them what the c^2 represents in $E=mc^2$ which they will no doubt invoke in attempt to explain it]

Modern science simply does not differentiate geometrically between 2d mass and 3D Matter as it should, else its maths and explanations of photons and EM wave properties would make sense to us all.

In Tetryonic theory, the circles around Planck triangles are the region of space mapped out by light per unit of time [ie in 1 sec light radiates in 2 directions at c to form a circle with a radius of c, a circumference of $2c$ and an area of $\pi[c^2]$.

You'll find lots of units like c^2 , c^3 and c^4 within the maths of physics - only Tetryonic theory reveals what these terms really are [spatial coordinate systems based on the speed of light].

These c^2 [Euclidean], c^3 [Cartesian] and c^4 spherical coordinate systems based on the speed of light are used to geometrically differentiate planar ENERGIES from 2d mass and from 3D Matter in physics, clearing up much of the confusion of the existing mathematics.

Planck's Constant is expressed as Joule.Seconds...or the units of $kg.m^2/s$

Planck Quanta per Second is then equal to Joules...in the units of $\text{kg}\cdot\text{m}^2/\text{s}^2$

So we have an Equilateral Triangle...

The E-field and M-field arrangement is inherent within the Geometry.

The 90 Degree Phase Relationships is intuitive, and Tetryonics also shows how there are 2 sides to this Energy "Quoin".

The Plus side has a North-South Dipole partition, and the opposite side of the quantum quoin has a Negative "charge" with a South-North Magnetic Dipole. As a result all seeking after Monopoles can be ceased immediately. They don't exist at any level or reality.

The Omega geometry of these Planck Quanta themselves have SI units of m^2/s .

Combine that with mass, in Kilograms, and we have (mass times 'the Omega' geometry of energy)Ending in the units of $\text{kg}\cdot\text{m}^2/\text{s} = \text{mass}\cdot\text{OMEGA}$

The measure of these Triangles per second is a measurement of Energy = Joules = $\text{kg}\cdot\text{m}^2/\text{s}^2 = \text{mass}\cdot\text{OMEGA}$ per Second.

There is also an inherent relationship to velocity and momentum---visually self referential... in the understanding of how these Planck Quanta combine to form all the "SQUARE NUMBERS" of physics.

This is a key point below.

"Stemming from a radical reinterpretation of what square numbers are in physics and their application to Quantized Angular Momentum (QAM). It can now be shown through the geometry that the QAM of Planck's constant is in fact the result of its quantized equilateral triangular geometry, not a vector rotation about a point.

The equilateral geometry itself gives rise to the physical properties of charge, electrical permittivity, magnetic permeability and the rigid physical relationships between inertial mass-energy and moment in physical systems at the quantum level.

Charge(QAM/C²), in addition to its role as the geometric source of physical properties, also provides the quantum frame work for radiant 2D mass-energies to become 3D standing waves Matter geometries facilitating the development of large scale physical systems of atoms, compounds, stars and galaxies throughout our universe.

Quantised Angular Momenta [QAM] is a NOT a vector rotation about a point [or spin or curl] as is assumed in modern physics.

It is widely know that QAM is a priori property of any Quantum Field theory [QFT] and it is assumed by mathematicians that its units [m^2/s] are reflective of a quantum scale vector rotation about a point [in either direction] on the basis that those same units in classical mechanics represent exactly that.

BUT suppose for a moment that what we assume and hold to be dear and true because we a taught is, is in fact not the case.

Square meters [m^2] is just a measure of the surface area bounded by any geometric construct we chose - it can in fact be circular, triangular, hexagonal or any chosen polygon.

Modern physics assumed circular geometries and 4π spherical topologies as this seemed logical and fitted the observable measurements to the extent that we could measure them.

Particles appear spherical due to their radiant EM energies and measurements of their force interactions.

EM fields radiate out producing circular wavefronts, allowing us to immediately draw connections and conclusions regarding them from larger scale objects in our Universe namely Stars and planets and waves etc.

But Quantum theory teaches us that all is not well with this picture - energy is quantised, atoms don't behave like planets and energy level changes occur only between 'squared' energy levels in atomic nuclei.

What could be driving this discrepancy between classical mechanics we observe in everyday life and the quantum mechanics of energy at the smallest scales?

Tetryonics suggests in its foundational postulate that energy [a hitherto nebulous entity in physics] in fact has an equilateral [triangular] geometry not a circular one, and from that single priori postulate a much greater and more coherent definition of QAM can be formed that in turn can be applied to fundamental physical properties such as Charge, mass, Matter and Forces in QFT.

This equilateral geometry serves two distinct roles in Tetryonics - firstly it provides a geometric basis for the creation of scaled models of all fields and fermions [as well as the observed and measured forces between them] as a result of their rigid geometry.

Where it acts as a grammar for the language of mathematics and where supposition rules due to lack of such models of the above.

AND it also can explain the inertial properties of mass within Matter topologies as being the result of the equilateral triangle behaving exactly like a quantum inductive loop of energy [albeit triangular] where due to its triangular geometries and component E&M fields energy can be 'circulated' or 'fluxed' within the geometry of each quantum just like an inductive loop of energy in electrical theory describes.

These equilateral Planck quantum of energy momenta [where the square root linear momentum is a median vector bisector and the QAM is the equilateral sides of the triangle itself] have equal but orthogonally defined scalar field of E&M energies which can 'flux' in either direction to create positive or negative charge fascia on each side of a equilateral Planck quantum or 'quoin'.

It is the interaction of the electric fields and magnetic dipoles thus created and described geometrically in deference to circular quanta that gives each Planck quanta its physical properties of inertial mass, quantised angular momentum, linear momentum, electric permittivity and dipole magnetic permeability which modern physics and QFT cannot explain [and conveniently side steps].

It does not stop there as obviously as Planck quanta come together and interact via these equilateral EM geometries to determine not only the fields and particles that they can create but also the mathematics used to describe these entities and their physical interactions, including the observed elementary charges and mass of each particle Tetryonics uses ONLY equilateral geometry to explain charge, inertial mass, material Matter and all the force interactions of modern physics and in turn reduces the complexity of modern physics down to a simple exercise in cutting and taping paper triangles of Planck energies.

In the process many additional new discoveries are made following this simple geometric postulate and reinterpretation of energy geometries leading to many other exciting corrections to modern theory on all energy scales.

Accurate 2d models of bosons, photons and EM waves are created as well as 3D Matter topologies of all fermions, periodic elements and compounds etc., closely matching but at the same time correcting the models we are taught today.

All of which are available to view and manipulate in real time as 3D CAD models.

So, to summarize, Tetryonics builds successfully on equilateral triangles of Planck energy momenta to replace the existing disparate theories of classical, quantum and relativistic mechanics to create a coherent unified geometric theory of Everything.

This is just the tip of what Tetryonic Theory has to offer modern science and our understanding of the natural processes of our Universe, I hope you take the time to take a closer look at them and to begin to comprehend the impact this geometry has for modern physics [and the maths used to describe it], along with the far ranging implications arising from this simple correction to what is presently assumed to be undisputed facts in science.

If maths is the language of science - equilateral Planck geometry is it's grammar." - K.C.Abraham

Tetryonics differentiates mass from Matter....Matter has mass but not all mass has Matter...Something Einstein missed...another key point of Tetryonics shows how it can correctly apply Relativistic maths to these fields in whatever form we find them in.

"Tetryonics shows why Newton's and Coulomb's formulas for gravity and charge interaction are so alike and also reveals where Einstein erred in his development of SR and its extension to GR for accelerated frames of reference...

But it took me 8 years to develop and refine Tetryonics and no doubt you've invested quite some time yourself on your own work..... it's not surprising the reaction I get from supposedly intelligent academics at times usually sorted out with some simple pointed questions as you've observed.....

The day will come when science realizes that all the math of modern physics is really founded on equilateral Planck geometries and that day I am confident is when we'll make serious progress scientifically." KCAbraham

Tetryonics is simply a study of geometric relationships, but we only use one shape.

You can mathematically model these Planck Quanta as Ideal inductive loops, but at no point does a flux actually exist. It's a mathematical way to model these energy units, and a way to help electrical engineers to clue into the vibe.

Inherent in the geometry is a Plus charge side and a Negative charge side, both existing as a Triangular Quantum Quoin (coin). There is an E-Field component, along with the Magnetic Dipole arrangement inherent in the geometry itself. These partitions provide the intuitive grasping of where the 90 degree phase relationships between e fields and m fields come from.

Tetryonics shows how these combine to form larger EM fields which are also Equilateral. Tetryonics counts individual Planck Quanta (Bosons, or Zero Point Field--all different terms describing the same quantum of energy).

Tetryonics differentiates and defines mass and Matter in a precise way, as these terms are often confused and nobody has really sought to provide an exact definition. All measurements of energy have mass, but not all mass has Matter...EM fields, photons, and bosons, are Matter-less...They have mass, but not Standing Wave Matter Tetrahedral 3D Form.

Tetryonics is suggesting that all Relativistic math is a result of these Triangles, and since they have yet to be identified, science has brought in too many abstractions.

This geometry is the foundation or Grammar that guides the math, and T-Theory goes into excruciating detail attempting to show other how this is true.

From there, Tetryonics builds all the sub-atomic particles using Planck Energy Momenta.

Matter is shown to be Tetrahedral in nature and not spherical.

We are beyond spherical point charges. Having discovered Equilateral Energy Momenta, Tetryonics has taken 8 or 9 years before releasing this understanding to the world.

We invite you to partake in this adventure of discovery and help to connect these concepts up in ways that make sense to the 'mainstream' physicists (who are ever stuck on spheres and probabilities and a host of other assumption that Tetryonics can correct).

Tetryonics works from the Bottom up...not from the Top down as has been historically the case. I feel Tetryonics is very much on the right track...and here are our magical numbers for you to ponder. Keep in mind...

All atomic rest masses are for atoms at **absolute zero** and any deviation is a measure of the Matter's Kinetic energy content, [Chemical energy, KEM fields and spectral lines]...

Planck mass = 7.376238634 e -51 kg
 Electron mass = 8.851486361 e-31 kg
 Proton mass = 1.659653693 e-27 kg

(mass of Proton) divided by (mass of Electron) = **1875**

"That is to say [m^2/s] at the quantum scale, so long considered by physicists to be a vector rotation about a point is revealed to be in fact a TRIANGULAR geometry with the same dimensional units. [SQUARED energies are in fact EQUILATERAL geometries]

Applying all this to say the Dirac equation for the free relativistic particle where:

- $\psi = \psi(x, t)$ is the wave function for the electron,
- x and t are the space and time coordinates,
- m is the rest mass of the electron,
- p is the momentum, understood to be the momentum operator in the Schrödinger theory,
- c is the speed of light, and $\hbar = h/2\pi$ is the reduced Planck constant.

Accordingly, any wave-function, when fully illustrated is no more than a picture of all the equilateral Planck quanta in any system under measurement. Tetryonics does this with ease [and intuitively if I say so myself] compared to the long complex multi-dimensional and often compartmentalized equations currently in use to describe the same system mathematically.

In Tetryonic theory many of these familiar mathematical operations and equations are reduced down to geometric representations of the component math from which it is born in a human attempt to describe it." -Tetryonics

Here's an example of how Tetryonics calculates Planck's Constant directly from the theory alone.

Inverse Avogadro's number = Rest mass of Hydrogen

Rest mass of Hydrogen / Compton Frequency = Planck mass

From there, you use $E=mc^2$ to find Joules of energy of one Planck mass

$E = (\text{Planck mass}) \times (\text{speed of light squared})$

E units is $\text{kg}\cdot\text{m}^2/\text{s}^2$ (Joules) and Planck constant units are $\text{kg}\cdot\text{m}^2/\text{s}$ (mass.OMEGA) so the numerical value sticks, but the units change to represent mass.Omega = $\text{kg}\cdot\text{m}^2/\text{s}\dots\text{mass.OMEGA per second}\dots$ gives you Joules.

Procedure with commentary and numerical analysis.

We take the inverse of Avagadro's Number....to arrive at a theoretical value for the Rest mass of Hydrogen in Grams.

$1 / 6.022141579e23 = 1.660538841e-24$ g of Hydrogen. Hydrogen mass expressed as grams.

$.001 / 6.022141579e23 =$ mass of hydrogen expressed in kg.

$1.660538841e-27$ kg representing hydrogen mass.

Use the mass of hydrogen expressed in kilograms and now divide by the Compton Frequency. The Compton Frequency is the actual number of Planck Quanta within the Matter Topology of Hydrogen...it's value is $2.2512e23$.

In order to calculate this value, we have to work through the sub atomic particles themselves.

First Hydrogen has one electron and one proton, so let's start with the Electron.

The ground state of an electron is $n=1$ meaning there are $1e19$ planck quanta per face...this equals n -ground state of 1 or $n1$.

We know that Electrons are 12pi Matter Topologies...(3 neg tetrahedrons). So we multiply 1e19 by 12 to get 1.2e20 total quanta within an Electron.

So let's set aside the 1.2e20 planck quanta in an electron and move on to the proton.

A protons n-ground state is actually 25...meaning there are 25^2 times more planck quanta within each charged fascia of a proton than an electron... But wait...Protons are actually 3 quarks. 1-Up, 1-Down, 1-Up.

Quarks are also 3 tetrahedrons (but different configuration than electrons)...so 12 faces each. So when 3 quarks come together you have 36 total faces in the Matter Topology of a Proton.

n25=n-ground state of a quarks/Proton. each n-quantum level has 1e19 planck quanta. There are 25^2 * 1e19=625*1e19 Quanta within each face of a proton. And then there are 36 faces...

25^2 Times 1e19 Times 36 faces === 2.2500e23

An electron has 1.2e20 planck quanta so we add that to 2.2500e23 totaling 2.2512e23 ---Planck Quanta in one Hydrogen atom...

We take the inverse of Avogadro's number to arrive at what should be the Hydrogen mass. Then divide that by the total number of Quanta it takes to build it, thus arriving at Planck mass.

1.660538841e-27 kg / 2.2512e23 = Planck mass

Planck mass = 7.376238634e-51 kg

E= mc^2

mass = Energy/seconds

Energy expressed in Joules (kg.m^2/s^2) = (Planck mass) times (c^2)

E = (7.376238634e-51 kg) times (8.9875518e16 m^2/s^2)

E = 6.629432672e-34 Joules--(kg.m^2/s)

Since Planck's constant is expressed in Joule.seconds, you can think of Energy as Planck's Constant per second (kg.m^2/s)/(sec) as Joules kg.m^2/s^2 ...

Therefor Planck's Constant is 6.629432672e-34 J.s

Password protected pages of archived material stemming from 3 years of scouring the net for Kelvin Quotes...archiving personal emails, and generally attempting to provide a unique entry point that runs correspondent to the ebooks of Tetryonics themselves.

The White Rabbit Hole Starts Here. Password for all these pages is simply three numbers: 132

<http://forallkind.tetryonictheory.com/tetryonic-research-centre>

<http://forallkind.tetryonictheory.com/research-centre-two>

<http://forallkind.tetryonictheory.com/three-is-the-key>

<http://forallkind.tetryonictheory.com/basic-breakthrough-and-beyond>

<http://forallkind.tetryonictheory.com/double-slit-conversation>

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Best wishes,

7/14/2015

FW: New message via your website, from exitnext@gmail.com - exitnext@gmail.com - Gmail

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