FOURTH DIMENSIONAL SCIENCE

Soul and Energy

A scientific treatise by

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Abstract

What is God? Who and why am I? What is reality? Have I lived before? Is there life elsewhere?

This segment provides a brief overview of my research and validation endeavors through the years into these and other captivating concerns facing humanity. Research scope includes:

- Earth sciences
- Extra-terrestrial intelligence (ETI)
- Persisting Awareness (past life memories)

Life does not come equipped with an operating manual that most know of, but it is found in the mind. So, I set-out to find answers in fields such as physics, biology, psychology, theology, and others; disciplines that sparked further inquiry due to their staunch restrictions and critical oversight. After much theoretical guesswork and few rewards, I realized I had to look elsewhere for answers, but was not prepared for what was headed my way.

A scientist at heart, pseudo-science does not exist in my vocabulary. In my book, critical thinking and evidence-based methodologies are not optional but mandatory. That was put to the test when I hit a dead end with earth sciences. But then, another source of knowledge surfaced in their place from the least imaginable places. I did not seek or choose to experience persisting awareness states or ETIs, I knew nothing of them. Rather, these came to me.

In dreams, wake state, spacecraft, and in person, ETIs helped me "remember" lessons of old, setting me on a path to discover the regressive ego entity within and "curing" massive mental "stoppers" that kept me from listening to the small still voice within which is the "ETI download channel." Thus, the making of an Experiencer. Without their help, I would have lived oblivious to my ego, lived far from humility, and never found "The manual." Clearing this channel is a priority for mankind and the reason we are born. Without it, the "manual" will remain illusive and parts of this book may not be understood.

Creation is grander than our infantile science and religions propose. A positively inspired consciousness, not restrictions, is that manual we seek. It's time we challenge and raise the bar on belief standards knowing answers are found within. We're not God's only ministers and are by far outnumbered in the cosmos by beings that truly know and respect Him, unlike us who only know and respect ego. Change your channel, move

beyond standards. Be as ETIs are. Know thyself, open the channel, and become an Experiencer.

Foreword

This treatise is a research corollary spanning many years. It is devoted to the study and application of various exploratory fields such as physics, cosmology, biology, vibronics, and spirituality in search of that formidable unknown, life's "Genesis," that most professions evade out of conservativism. Today's "system," to be on the safe side, resorts to the norms and dares not venture beyond their boundaries. Much of the valor herein exhibited to cross proverbial conservative lines came from visions and open mindedness, the birthright of limitless critical thinking eager to work within the bounds of unknown sources.

What is the value of working on the known from the known? So it is that the true path of discovery can only come by prodding the unknown in all of its possible virtues and venues for there is more unknown than known out there. Why limit the unknown when it is the majority, or become a frightened minority by turning into a corpse of habitual conservatism?

One's own defined boundaries are like a holding cell warding off an infinity of freedom. It must also be stated that those trying to pull you down to their known boundaries are already beneath you and are of no worthy consequence. Let not the mental brilliance of today's pioneers become infatuated with regulatory protocol, becoming as olden beasts of silence that once suffered scientific martyrs in the name of faith for venturing into the unknown. Today, we hail the suffered as heroes and vindicate their valor, but the same cannot be said of those olden beasts.

The tone of discovery is not based on proven methods but rather what is not, for what is accepted is bound by what is proven with a feeble undercarriage of protective rigidity contrary to the ensign of enlightenment. Faith, on the other hand, can lead to uncertain footing, mental stagnancy, and subservience to illicit sources; words of mortals, not creation. Wisdom is in the eye that learns by doing, not avoids by fearing. Your place in the Infinite is defined by what you question, not forego. A researcher has no accountable leader except vision whose sight is not filtered by conditional judgment or accepted tenure. Infinity is the tool of virtue, possibility the method of critical minds, and forbearance the way.

Thus we venture into a visionary field with most rudimentary tools, a humble step into the great unknown, not for granted or distinction but a necessity to fathom a very small non-figment view of creation somewhere between the known and infinity.

What follows is an attempt to bridge the gap between science and spirit as both are one and the same, push existing precepts to their rational limits, and show where and how these contribute to the conclusiveness of science and the evolution of mankind beyond uncertain beliefs and pseudoscience.

I do not claim complete authorship of this knowledge, for it was granted to me by intelligences most might not comprehend. I am but a filter and a faulty one at that, unable at times to properly explain what I've seen, and obscured like any fellow earth man by the influence of our lower egotistical nature meaning to engrandize events to make a promoting point. Sincerity is a great weakness that leads to an inability to see clearly and no point needs to be sold because only those that carry this knowledge from pre-destined times and are thus ready for it will recognize it, otherwise they will discard what is unfamiliar to them. Therefore any act of convincing or converting on my part is a mistake and wish it stricken from all records, but it is difficult to express what one is not and must thusly apologize to my audience that might come to detect such absurd behavior.

The inspiration that put me on the path to discovery was encouraged by Dr. Ernest L. Norman, founder of Unarius, whose works were beyond revolutionary when he wrote them in 1954, concepts that now speak through the words in this treatise supported by recent discoveries and modern mathematical concepts.

It all started for me on April 21st, 2018. I woke up that morning bathed in sweat and driven to type anything that entered my mind. Without knowing what subject to write about, the words, pictures, formulas and events I envisioned flowed through impromptu, clearly, and fast. I wrote them down without question, even though I did not know at the time if these concepts had any validity or could be in anyway confirmed. If I failed to fully capture and grasp any particular part of the transmission, it quickly repeated itself until I had it down. This continued for two more days until 50% of this book was written. Over the next three weeks, I went through the narrative and "felt" my way through it, adding more information that continued to materialize until I deemed this work complete.

If asked, do I fully understand the contents of this book? I would have to say, not without some help. I am a scientist but have been away from the practice for quite sometime and do admit there are brighter light bulbs out there than I possess at the moment. I render this work so that it may serve as a helpful guide for others to carry forth. Again, I claim no originality to it, but rather grant all rights to inspiring forces that, whoever they are, still insist on keeping their identity a well guarded secret.

There will definitely be a sequel to this book, I feel it, that will go into the design of space craft and magnetic field power systems. This book is only the first step of many to come.

I thus introduce Fourth Dimensional Science, Soul and Energy; the next generation of scientific understanding.

Chapter 1: *Soul and Energy*

Figure 1: Dimensional vortex

Since the dawn of time, man sought to understand life's purpose through self-imposed unique intellectual filters. Man's ambiguous mental recesses saw mystical forces at play, he called them spirits, responsible for all events transpiring about him. Since then, what man eventually termed as 'the soul' endured endless abstractions to this day, though it remains poorly assumed if not illusory.

What does the soul have to do with science? Everything, as we will see. In short:

"If the soul is energy and matter is energy, then everything including us in totality, including matter, though, past, present, and future is also energy or soul."

Most conceive the soul as a type of ghostly entanglement, a mysterious haze or 'ectoplasmic ooze' (coined by Charles Richet in 1894) of unknown content. Thousands of religious years later, many still reason that the soul looks like a holographic winged, caped, or vague apparition bearing strange unwordly appendages best fit for a sci fi production. No reliable evidence proving the soul's existence has ever been produced in a lab or charismatic pulpits. Far from it. Soul research has been misunderstood then mishandled by unqualified personnel looking for proof in the worse places. In spite of this, everyone still wonders if the soul does in fact exist, what it is, and how to prove it. The reader might find the answer rather surprising and fascinating.

Meaning absolute respect for all personal belief, it is of paramount importance that mankind realize sooner than later that most of today's spiritual beliefs have no viable scientific or historical foundation, being the product of word of mouth, tradition, and lore as found in fundamental writings or cultures. 'Says so' or 'group think' is not proof. Most spiritual materials sustaining the soul's existence are the brainchild of pseudo religions, spiritual eccentrics, and conjectural entrepreneurs that base their opinion on visionary aptitude but fail to submit their word to scientific scrutiny.

Today's modern belief systems still paint heaven as a cloudy groundless place complete with check-in desk, concierge, sparkly pixie dust, and soprano choirs.

While these beliefs play a key role in filling important gaps in people's minds, they are far from realistic. The strangest of all such beliefs comes from a Christian sect claiming that heaven is a huge cubed flying city looking like a golden Borg ship, spans from Florida to California, can accommodate quintillions of people, has space flight capability, and stands atop a cloud on a solar system in the Orion constellation; of all places. Biblically, Orion was branded as the giant, not heaven, and a quick review of Genesis 6 helps explain where "big religion" made a real mess of things.

Orion holds a very special place in ancient religious worship and Genesis 6:4 is no exception. The verse must be read carefully and in its original language to obtain its true meaning. Translated properly, the word *Nephiyl* (נָפִיל) means noble and skillful "aliens" from the "giant in the sky," the Orion constellation. It does not mean tall monsters brewing havoc among humans. According to the text, there were Nephiyl in those days who lived among us in the long ago past. But then the text says that the "sons of God" came later from somewhere else and got mixed up with earth women, not the *Nephiyl*. There you have the true and complete story of Genesis giants; first you have noble aliens living among us, but then another race comes and impregnates women, perhaps through abduction and genetic manipulation as described by Assyrian lore.

This is the stuff of legendary nightmares, error stacked upon error until original writings no longer have meaning. People do not check the Carfax, and big religion does what it can to keep it that way.

These are just a few references that give the concept of spirit an injurious blow, blurring man's mind from making critical discoveries. But we also note understandable intolerance from science, unable to make inroads with so many religious beliefs and cloak and dagger politics.

Fundamentalists do not understand science or study it at depth. Scientists do not understand original manuscripts enough to sift fact from fiction. Middle ground is needed, a seat on both aisles per say well versed in either faction and not afraid to forego comfort zones. Prejudice cannot play a role in any journey that leads to an understanding of nature, for creation is equitable.

Could the soul [1] be the very substance of creation that science has long been looking for? Is life comprised of something other than the physical world surrounding us? Can creation itself and everything in it be composed of soul? Hence, what is a soul?

In parallel, the concept of reincarnation for which it stands, lacking scientific proof, suffered the worse embattlement by curious and critics alike. But yet, when it comes to proof, most scientific methods either fail or are set up to fail by those averted to the very idea of soulic existence. Is there bias? Unquestionably.

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1 judithkusel.files.wordpress.com/2012/01/a-twin.jpg

Figure 2: Soul and energy [1]

In spite of such conundrum, sufficient scientific knowledge does exist to prove the soul's existence as well as reincarnation beyond the shadow of a doubt, once and for all, but it is not recognized. The problem can be found at the heart of physical science doctrine. To understand the science behind the soul and the unifying principles that apply to its existence, we must first fathom limiting creeds baked into our present understanding of the physical state, and it starts with knowing the forces that manifest the atom.

I am in no way endorsing the three-particle five-force model, neither do I support the idea that electric particles literally hold charge forever. I will show in time reasons why. My goal is to introduce a new science that resolves what begets such charges themselves, rather than take it for granted they just are.

In our journey, several physical concepts and formulas will be challenged, showing that matter does not matter but rather its source. Atomic mechanics down to Planck's constants will be analyzed and logic will dictate reasonable precepts from which we can build a new science of origins, a more highly evolved concept of who, what, why, and where we are, not just are.

Fasten your seat belts. Everything you ever knew about science and spirituality is about to be challenged. Mathematics will help add credence to same. New arguments will be made to reconstruct physical science using proven surviving concepts, helping us conceive the causal world whence matter and soul manifest.

* * * * *

Figure 3: Ego Pyramid

Understanding existence from a scientific point of view has been subject to religious fundamentalism and pseudo-scientific scrutiny for quite some time, holding fast to biased unconfirmed knowledge sources bearing destitue foundation. Nearly each day, new supposed experts in the field of the soul show up on a cluttered public horizon proclaiming their view of creation. Let alone information being questionable, their motive never is. Welcome to the "ego pyramid."

Some spiritual seekers borrow old ideas, mash them together with emerging ones, and concoct a new more appealing loaded potato to quicken their rise to fame and glory. Others have more genuine objectives, honestly strive for revolutionary breakthrough, and do not seek riches or fame; but for the most part, these noble individuals are sidelined and not invited to the games. A huge religious make-believe and scientific buddy-buddy system ensures this is so.

In the realm of spirituality, few speak the language of science or can reliably back their claims with proper research, case studies, or systematic reviews. At the top of this heap is religion, telling its members to "Just believe" because "It says so" with little if any evidence. Such records were misjudged, lost, made up, or never existed. Their authors contradict each other such that most fundamental records are hidden from public view to avoid dissent.

Religion is the front runner discrediting science and critical thinkers who, conversely, rap at religious doors as evangelists of reason. To their credit and in the name of logical reason, science itself has been tendered little evidence confirming spiritual concepts and their sources, thereby casting the whole of spirituality into the pseudo-scientific category. However, science is not without fault here because, just as with religion, math can also be a "says so."

There are genuine thinkers that do not follow scientific methodology, mainly those operating far into Sherwood Forest homesteads that "visualize" but are unable to either fully explain themselves or confirm ideas using today's concepts. These individuals are at a disadvantage, but their visionary work might be priceless. Is anyone willing to listen and help them cross the finish line? Few if any do. In fact, most visualized ideas are seen as "threats" by the establishment, politely labeled as unfounded or simply "philosophical." I'll share my own experience with that soon enough.

As a stark reminder of compartmentalization of methods and opportunity, we have Bruno who was burned at the stake 400 years ago for believing that stars had planets and people living on them. Yet, it really was not until about nine years ago, when the Kepler telescope sent back positive occultation events, that Bruno was finally vindicated. Bruno was, for all intents and purposes, a pseudo-scientist in his day. Today, out of respect, he is hailed as a visionary and, oddly enough, a scientific hero; a bit too late. Had science and religion been open minded, a way would have been found, sooner rather than later, to prove him right, not wrong.

You have Ernest L. Norman whose works were a perfect blend of science and spirituality describing creation in clear and simple terms, yet gone ignored. You have confirmed alien contact and scientific information downloads, yet these also go ignored. It has been easier to criticize and reject "the outside," but "the inside" has not been measured to the same standards in plain sight of error. This narrative will expose these errors.

Perhaps science became too rigid, prejudistic, and inflexible by developing a set of philosophical rules that does not cater to visionaries but stifles anyone

outside the system. The vast unknown might not play well with existing scientific methods limiting where science ventures next. The same holds true for fundamentalists who base their beliefs on erroneous manuscript translations, authorship, and motive. The adoption method for both sides is the crutch that holds back tides of progress and hinders legitimate refutation.

Spiritual dispensators fight science to minimize their scope and push wrongful agendas forward, thinking their mission is to convince without proof. Here's a perfect example. Under the slogan "Prepare to believe" is the Creation Museum filled with pseudo-scientific claims that distort science to fit biblical history; wrongly translated, that is. Religion even distorted biblical writings to fit their own beliefs, and proof of that is found in the six days of creation story.

In Genesis, dusk to dawn is half a day, not a full day, a reference found in only two other places in the bible. This phrase is first found in Lev 24: 2 and refers to a period of "rebellion destruction" known as *pesha shamem*. The second reference is found in Dan 8:14 describing the 2300 days wherein Daniel gives a count "back in time," not prophetically forward, of when the *pasha shamem* rebellion took place. For more information, refer to the Legacy novel series, Episode I: The Search For Love.

Religious lore does not help their cause one bit. Their acts of deception are designed to embezzle souls into their coffers. Their ultimate goal is to replace critical thinking with the total opposite; blind adherence and fear of objectivity that might give away foul play. Besides religious and scientific behemoths, there are those that know a few things, for right or wrong, but don't dare step beyond regiments giving them notoriety, afraid experts will scold rather than assist in their search.

"All in all, religion turned into the 'anti-think,' science the 'anti-play.' Religion should not scold scrutiny, or science emerging thinkers."

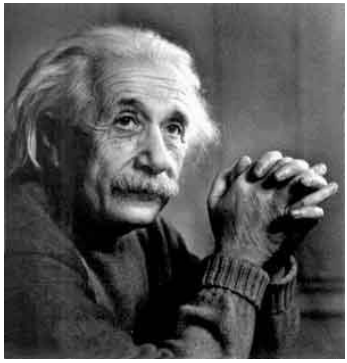

Figure 4: Albert Einstein [2]

Thus it is that novice and learned factions cripple and cancel each other out, becoming a deterrent to progress; most for the sake of fame and security. Before the world can move on, all that finger pointing, falsification, and ego pyramid building has to stop. As Albert Einstein [2] once said, "The important thing is to never stop questioning." Questioning, done sincerely and within the visionary's scope, narrows down erroneous choices and paves the way to new ones never before imagined. Albert had a no-

[2] http://www.spaceandmotion.com

restrictions policy, reminding us to "look deep into nature, and then we would understand everything better."

To those stuck in the locked wheels of notion-enforcement and rigid protectionism, he had this to say, "Life is like riding a bicycle. To keep your balance, you must keep moving."

"The beginnings of wisdom require an inquisitive mind that reveres creation and strives to serve it out of understanding and love, not inhibit or misinterpret creation in haste so that a prevalent few, rather than creation, is served."

Modern science is much younger than religion and its infancy shows at times. At others, it follows the same restrictive ways of its religious predecessor by stifling rather than coaching new thought. Universal models come and go, years of mathematical work are revamped, and outlandish unproven concepts continue to be discussed in professional circles because that is all there is. But the beauty of questioning rather than conforming must follow a process of constant refinement where everything must be questioned, tested, and retested until proven beyond a shadow of a doubt; unlike many belief systems. From that perspective, I applaud objective science, but there is much embracing left to do especially in less methodical schools of thought and thinkers of lesser renown.

Scientific *avant-garde* tendency to carve up new horizons of critical thinking shed new light on the pitfalls of faith, establishing a need for higher ethical values of attestation. As previously mentioned, science became overly restrictive in considering the works of others under the premise that untested methods are not worthy of consideration. But, what if these methods truly are worthy, just not collated properly?

Science cannot be pure unless it too adopts tolerance and love for any tool and approach. What matters is the concept, all other conventions are secondary. Pure thought is not restrictive of method or source and does not wrongly discourage what might be truth, in spite of unequating logic.

As the pathfinder, science must adopt the highest principles of thought possible to answer man's ultimate questions of who and what am I. The answer will not be found on any book of faith, as believed by many, but in the language of the cosmos of which we are all a part. That is, if science will only listen regardless of approach or understanding, humbly admiting where it knows not the path.

"Science, you are our only hope."

This treatise will exhibit the next chapter in scientific and fundamental objectivity as these relate to the field of strings and fourth dimensional science (4DS). Science has come a long way and so close to determining the keys to

Virtual Space. The answer is within its grasp, but is being held back by science's own restrictive protocols.

Figure 5: Dr. Ernest L. Norman [3]

Some 60 years ago, Ernest L. Norman gave us the answers we need to unlock wheels of protectionism and pretense. He clearly detailed it for science, but his words went ignored. Recently, science unknowingly stumbled upon the same principles Ernest L. Norman [3] described years prior; strings. To this day, science has failed to place his works into proper dimensional perspectives, partly because of protectionism.

Strings and virtual cyclic energy forms are one and the same thing. They are fourth dimensional, not physical. It is the objective of this narrative to prove it.

The following segments provide developing information for this treatise, each offering factoids and theories regarding an expanded dimensional view of strings, their function, the source of physical manifestation, and mathematical models to help visualize such workings.

"Science is tolerance, love, and reverence for all intelligent thought, all states of development, all ideas, for in vast prairies the most precious flowers are those found where least expected."

[3] "The Infinite Concept Of Cosmic Creation," Norman, Ernest L. www.unariansunited.com

Chapter 2: *About the Atom*

[4] The atom is recognized by science as one of the most basic units of matter. When we think of the atom, we imagine a conglomerate of subatomic particles that look and function much like a tiny solar system. Although it is only theoretically understood to some degree, the atom is both universally common and "convergent" (the independent evolution of like features in species of different lineages). This implies that each atom exists, looks, and behaves in like manner to others of its same type throughout the cosmos. That includes isotopes, electrons, protons, and neutrons in various half-life stages.

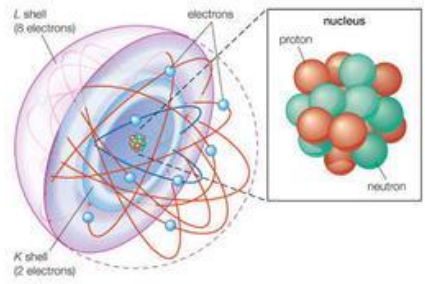

Figure 6: Conceptual atom [4]

Every atom series and type, including isotopes, exhibit consistency across its multi-spectral frequency footprint and chemical properties everywhere in the cosmos. Atoms act as a kind of standard "ingredient" or "recipe," available in all corners of the known observable universe. This fact is in plain sight. Problem is, we take it for granted and fail to grasp the full significance implied by convergence. What evidence is there that proves atomic convergence?

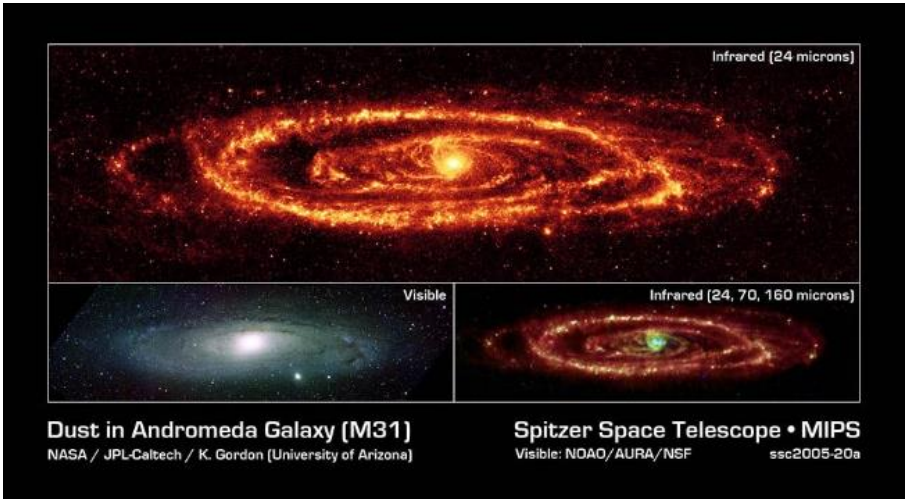

Figure 7: Spitzer telescope at work [5]

[4] cdn.brittanica.com

[5] Spectral analysis shows that atoms here are the same as atoms light years away, right down to similarities in emission lines, bonding capability, ion states, and many other fundamental properties. Below are recent findings of interest supporting convergence:

- Spitzer telescope [5, 6]: revealed hydrogen gas and ions among Andromeda's starry arms much to the liking of our own Milky Way
- Herschel space telescope: found oxygen in the Orion nebula [7]
- Primordial galaxy SXDF-NB1006-2 [8]: ancient galaxy 13.1 billion light-years from earth contains oxygen
- Interstellar gas clouds: discovered between Andromeda and Triangulum galaxies indicate that most ionized hydrogen resides in independent clouds, hinting toward a source of star formation fuel for nearby galaxies [9]

These astronomical observations confirm the atom's convergent nature. Atoms are conveniently predictable, macro-present, and equally resourceful throughout the cosmos. But why? Is it the product of a Big Bang or a Big Hand?

Let us imagine we are handed a large flat cookie pan that extends into infinity stuffed full of cookie dough. Every cookie will thus contain the same recipe ingredients and look fairly much the same. Atoms are likewise born from a large cookie pan but with one critical exception; the pan is nowhere to be found.

Even though this pan has always been in plain sight, it is misunderstood and mislabeled, categorized for the most part as the by-product of a massive cosmic explosion. Yes, when all else fails, resort to "the bomb;" it explains everything. I believe in the Big Bang as much as I do the tooth fairy and with good reason.

[10] Unlike present belief, atoms are the physical manifestation of dimensional energy, a concept explained in part by an emerging branch of science known as strings; the foundation for fourth dimensional science (4DS).

Subatomic constructs such as electrons, protons, and neutrons are also identical wherever they are found. Even after exchanging atoms since the

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5 www.spitzer.caltech.edu

6 spaceplace.nasa.gov/review/posters/spitzer_posters/spitzer_andromeda_8x11_all.pdf

7 www.space.com/12494-oxygen-molecules-space-herschel.html

8 www.space.com/33186-ancient-galaxy-universe-dark-ages-has-oxygen.html

9 www.huffingtonpost.com/2013/05/09/interstellar-gas-cloud-andromeda-galaxy_n_3244446.html

10 s1.ibtimes.com/sites/www.ibtimes.com/files/styles/full/public/2018/01/09/abstract-23526871920.jpg

beginning of time bouncing around the universe and surviving super novae, they live on without decay for a trillion trillion trillion million years [11]. It's staggering they can survive for that long and through such ordeals without a pit stop.

As a diverging side point, it is interesting to objectify present belief that super novae fuse higher atoms together. However, their violent explosions do not appear to split newly created higher atoms into radioactive forces as we see done by nuclear blasts on earth. Surely, a super novae is several times more powerful than a nuclear blast. Yet, instead of destroying atoms, it evolves them? That does not happen during nuclear blasts. If it did, the mining industry would be out of business by now. Imagine detonating a nuclear bomb to get gold? Sounds like something alchemists might be tempted to do nowadays. But after blowing up nearly three thousand nukes, we gained 541 mega-tons of radiation and never struck gold.

Figure 8: Conceptual fourth dimensional cycles [10]

Though theoretical and never directly seen, except through chaotic collisions or energy field collectors, subatomic particles are thought to be the source behind atomic forces, unique properties, mass, color, metallicity, and thermal properties; but that is not the case. By graphing neutron components in their atomic series, we find no correlation between them and corresponding atoms (see graphs in the next chapter).

Atomic forces and constructs as they are presently known will be analyzed in this study, although it is beyond our scope to mathematically prove many of the

[11] "Electron lifetime is at least 66,000 yotta-years." physicsworld.com/a/electron-lifetime-is-at-least-66000-yottayears/

4DS concepts given the nature of intelligence itself. Conceptual approximations will be made to impart an understanding of how I conceive dimensional forces, though these are constantly evolving concepts that will surely lead to a sequel sometime in the future.

When dealing with five atomic forces trying to hold three atomic particle types in place, the nature of these forces seem destined for bleakness in the face of strings. We will show that classical mechanics, including Bohr and Planck models, break down when compared against derivations and observed events.

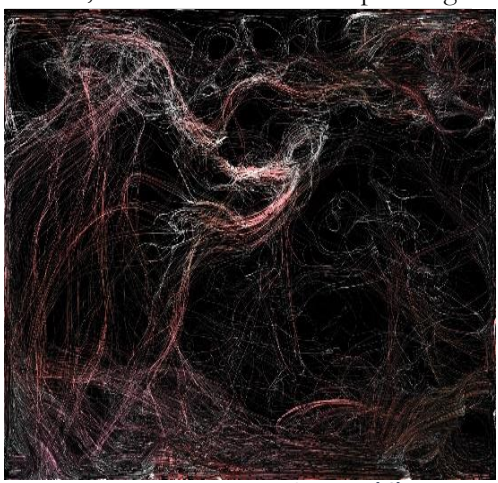
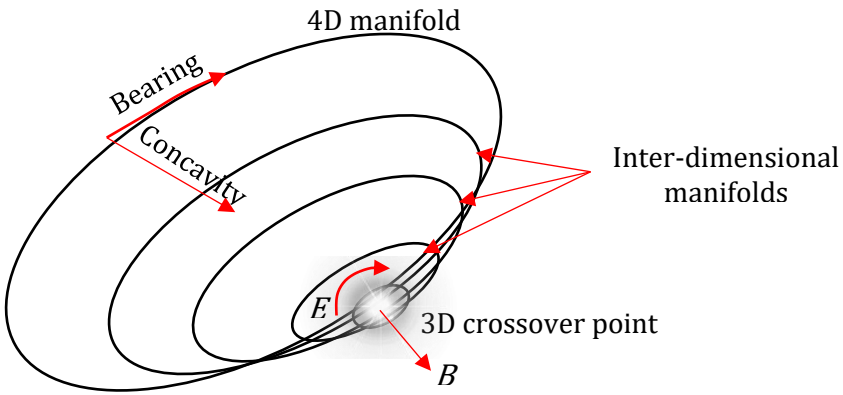


Figure 9: Conceptual strings [12]

[12] In conclusion, subatomic particle combinations cannot account for atomic properties. The classical sources that justify artifact manifestation and properties must be questioned objectively using existing formula. Support for strings as the source of atomic manifestation and properties will be suggested.

This narrative will attempt to prove that strings and all forms leading up from them, including sapient beings and thoughts, are not really of this dimension. Only the manifestation of dimensional energy (matter, time, space) and mind actions (consciousness) are in a physical realm state. We will also see that energy as we know it depends on string energy and resonance.



[12] www.matematiksel.org/wp-content/uploads/2017/10/siçim-kuramı.jpg

The objective will be to demonstrate that fourth dimensional manifolds produce demodulated cycles that create inter-dimensional planes and eventually our third dimensional world. We will not use Euclidean or Riemannian topology but "dimensionless" geometry because space and time are not dimensional factors but physical outcomes. Rather, energy and frequency determine fourth dimensional scope.

As an Experiencer, having witnessed the ways higher dimensions function, reinforces these claims. For example, thinking of a place takes you there instantly. Thus, space and distance is what you conceive and reality is contingent upon what you know about the dimensional environment you are conscious of. Looking back at Earth from Venus, I saw it a lot closer to Venus than expected. Also, the sun looked extremely large and not as bright. These were mental adaptations I made during my experience. In higher dimensions, time is limited to the length of an event or experience and you are able to have a 360° view of your surroundings without effort.

In these higher dimensions, time and space are of your own making. The aspect of your environment is defined by your own will. Thus, you are not bound to time and space, rather it is the other way around. They are no longer Euclidean but personal points of reference where everyone has differing references based on their own will.

Hence, mind affects geometry and geometry is alternating energy; the only artifacts available in these higher planes. Not height, width, length, and time. These four measurement directions are subservient to you in higher planes. The only dimensional aspects at your disposal are of the mind, and they are simply; energy and vibration whence come your relative concept of direction and time in the physical plane.

Chapter 3: *The Atom In History*

Back in the 5th century BCE, Greek philosophers Leucippus and Democritus proposed the idea that all matter was composed of small particles called atoms. This concept was called "atomism," a word derived from the Greek "atomon" meaning uncuttable or indivisible. In India, similar schools of thought arose called Jain, Ajivika, and Carvaka dating back to the 4th century BCE. These concepts remained as works of isolated advocacy until the 17th to 20th centuries.

Since those olden days, earth science gained a greater understanding of the elements and systematically broke the atom down into ever smaller particles, even pictured them as tiny solar systems complete with electron planets going around them in quantum orbits, even "moon-like" objects called quarks, mesons, and so forth. But much as man of old once thought that earth was at the center of the universe, the atom became the next unsolved mystery in the ongoing struggle to understand creation.

Extraordinary molecular models and complex formulas came and went, trying to derive an accurate understanding of atomic constructs and quantum levels based on the solar system concept. But these did not survive the test of time, ultimately giving rise to more questions than answers. A perfect example of a theoretical recall is the Coulomb-Newtonian classical atomic radius computation. Another is Planck's length limit ratio to electron density derivation, analyzed further in this narrative. Both yield astronomical inequalities when paired with molecular data, raising suspicion that there is something wrong with the original concepts that birthed said scientific precepts.

Consider the following classical derivations. The first shows inequality between Coulomb and Newtonian force equations; note I use the dual orbital mass Newtonian relationship, not the favored mass/acceleration formula that conveniently eliminates radius from one term and leaves velocity exposed to chance. The second uses Bohr's radius to derive proton mass which, once again, fails comparitive testing against established standards:

$$F = \frac{kq^2}{r^2} \neq \frac{GMm}{r^2} \rightarrow \frac{kq^2}{GMm} = 2.3 * 10^{39} \{ not\ 1.0 \}$$

$$M_p = \frac{kq^2}{r_{bohr}c^2} = 7.7 * 10^{-36}\ kg \{ not\ 1.7 * 10^{-27} kg \}$$

Paradoxically, subatomic particles have yet to be clearly witnessed. Fuzzy microscopy scans and scant trace scatters from high energy collisions are not very convincing. Massive amounts of math are thrown at them, but no one is really sure what atomic particles look like, or how these came to be.

It wasn't until the first high powered microscopes were invented (atomic force microscopy in recent times) that atoms were first visualized to some appreciable detail. These images were somewhat distorted by wavelength limitations, x-ray interference, and the harmonic deterrence of force/tunnel microscopy's atomic needles. And though imaged atoms are not perfectly clear, these pictures fail to exhibit tiny solar systems. Instead, they show geometric energy "clumps," some without an inner core. Others look like odd-looking mushrooms and hexagons, shapes that juggle the spinning solar system mindset.

The atom, seen by science as a miniature solar system complete with quantum leaps and energy shifts is not a storehouse of power and force as envisioned but the manifestation of causal energy operating over a predetermined physical lifetime (planned event). The atom is much like a wind-up toy. It has no batteries but a crank that resides in dimensional strings far from our cosmological wonder. Every time the crank turns, there is activity in the physical object.

Much like a star, the atom is a field of force established by interacting pulsing energy that outwardly expands from a core source. Stars also have cranks, countless of them, each doing its own crank thing over and over again in concert with other cranks until duration takes its toll. The energy patterns expelled by an atom are also composed of countless micro cranks, not particles or bosons but energy constituents or "instructions" built into that string's dimensional source. The light it exerts, the gravity, radiation, and bonding channel properties are all resources being emitted but also replenished from the source, not combusted or discharged by some capacitive process.

If we misinterpret the sun which is readily available for close study, imagine the atom. The sun is seen as a huge nuclear cauldron. Of course, nothing else in our science can explain its energy source. As I said before, when all else fails, resort to "the bomb." But much as with the atom, it is not nuclear pressure that makes it tick but rather energy delivered to them from higher processes. There is much we do not know about atomic properties at present. Thus, venturing into unknown variables is not without considerable risk to one's own credibility and professional stature; not to mention a healthy intake of premeditated ridicule all too willing to impede curtain calls.

To prove a point, using the lifetime of a point charge, say an electron, crude estimates can be made to visualize whether or not it can survive the test of time on its own. Let's take a look. Does electron charge last forever? If not, what feeds it? If other atomic sources energize it, when do these sources expire?

Computing an electron's discharge rate is a substantial guesstimate, but worth the effort. Clearly estimating electron capacitance and resistance are bold moves, but regardless of accuracy, the exercise is not without some level of merit showing that a point charge, as proposed by science, is not as eternal as previously thought; of its own right, that is. Later on, we will estimate potential and capacitance for an atomic shell system. By treating the electron as a sphere, we have:

$$q_e = 1.602 * 10^{-19}\ coulombs$$

$$V_e = \frac{q_e}{4\pi\epsilon_0 r_e} = \frac{1.602 * 10^{-19}}{1.11 * 10^{-10} * (10^{-18})} = 1.45 * 10^{9}\ volts$$

$$C_e = \frac{i_t \partial t}{\partial V} = \frac{q_e}{\partial V} = 4\pi\epsilon_0 r_e = 1.11 * 10^{-10} * (10^{-18}) = 1.11 * 10^{-28}\ f$$

$$\frac{q_e}{C_e V_e} = 1 = \left[1 - e^{\frac{-t}{R_e C_e}}\right]$$

$$0 = e^{\frac{-t}{R_e C_e}}$$

$$\lim_{n \to 0} [\ln(n)] \approx \ln(10^{-307.5}) \cong -\frac{t}{R_e C_e}$$

$$t \cong 708.275 * (1.11 * 10^{-28}) * R_e \quad \vdots \quad \{\ R\ estimated\ at\ 10\ M\Omega\ \}$$

$$t = 7.86 * 10^{-19}\ secs\ \{\ expected\ time\ to\ discharge, total\ lifetime\ \}$$

Not quite as short as a Planck time, or as long as 66,000 yotta years, but the result begs to question the valid lifetime of a point charge. If sub-atomic components are particles, then resistance and capacitance must play a leading role at every level of atomic precedence, not just a block of it. Regardless, even if capacitance were a million times larger, we are still at sub-second lifetime levels. What keeps the electron charged if its own physical content and size properties cannot account for it? We must go back to string lifecycles and give them due consideration, for therein is the answer.

Figure 10: 4th Dimension String Wakes

Just as a stone thrown into a pond creates expanding wakes, outward waves will continue to emerge as long as rocks are thrown into it. The electron continues to live on as long as its string casts rocks unto its wakes.

The atom is the rock's impact point with the pond, outward waves are the replicated expelled constituents, and the rock: strings. Expelled components are also strings. Anything matter, time, or space is the product of strings and their frequency relationships. More on that later.

Chapter 4: *Energy and Strings*

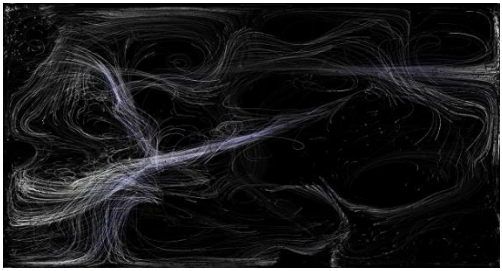


Figure 11: techrato.com - strings

This section provides a brief overview of new ways to visualize energy from a dimensional string perspective, not a particle. Having witnessed in previous chapters the apparent inconsistencies in the Standard Model, we shift our focus to reveal the originating source of matter itself to understand how the concept of elastic or pendulum conservation applies between dimensions; matter appearing and disappearing from this plane. Notions on what dimensional strings are, how they work, and what they are composed of will be a critical topic of discussion, expanding upon and considering an all-important factor left out of most atomic theories: the existence of an intelligent life force.

To start our discussion, we first challenge established precepts in the field of atomic quantum behavior and matter. The first observation made is on the nature of energy in motion. As we know it, energy is strictly a physical phenomena, a property transferred to an object to perform work. The word "property" evinces it as a result, but does not explain the source.

Energy exists and is used without much regard, giving no credit to the atoms behind the energy source or potential, much less the strings that brought atoms to being, or dimensions supporting the string. There is always an energy source behind a physical object, but we take that completely for granted.

Another observation centers around matter. Much as with energy, matter exists and is used without regard, giving no credit to the hierarchy of strings that serve it in an universal consistent manner. Our science is based solely on the existence of microcosmic levels of solidity and inexhaustible power tokens that cannot justify means or ends. Classical physics rule the scientific world today. It is an admired philosophy that ignores two critical facts evidenced by modern postulates: matter is predetermined, and the brainchild of strings.

Pristine energy and matter are not physical artifacts but the product of pulsing vectored forces governed by a pre-defined frequency "*f*" at a given wavelength "λ". At times, science calls this a "wave," but do we know what a wave is? It cannot be a particle or mass because as distances expand an artifact's separation creates visual "gaps" along its widening perimeter. It is generally referred to as electromagnetism, but that's as far as we take it. Yes, there is more.

This begs the question, what is electromagnetism beyond electric and magnetic vectors, what is it made of if not atoms, and where does it come from? How does it hold together in a perpendicular advancing dimming wavefront? One might answer "energy" out of haste, but then what is energy? If the answer is frequency, that puts us right back where we started frm trying to determine the nature of electromagnetism inherent in frequency wakes. The simplest answer is that frequency yields space, wavelength, velocity, and all their behavioral properties. Exactly how that works is explained by dimensional strings in the remainder of this narrative.

A wave is a self-contained constructed energy packet ($E_{wave} = E_i - E_f$), most typically an electromagnetic shell expanding not just forward but to the sides like an inflated balloon. Composed of complex "f" rates and wavelengths "λ," energy emissions may not be moving at velocity "c" or any for that matter, only resolving a sequential set of vector events already written into the string's instruction set. If we think out of the box, propagation wakes may be a "past event" meaning that, whatever target that propagation is headed toward, it is already there.

Propagation is simply a sequential by-product of space as defined in the following chapters. If we consider the cyclic nature of strings, we would understand that linear events are pre-destined along a string's cycle, interrupted only by higher scalar intelligence manipulating other objects along its path.

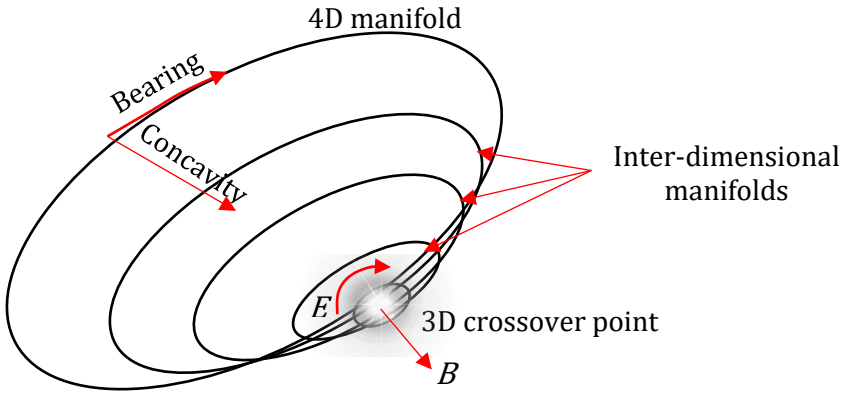
Earth's orbit around the sun is a perfect example of this concept. The orbit is sequential, taking 365.265 days to complete. Yet, in the earth's master string, that orbit is already pre-defined end-to-end with all of its nuances, manifesting physically a single micro movement at a time for an entire year. The same universal synchronicity holds true for all physical artifacts.

Figure 12: Earth From Space

Strings are a frequency storehouse that stage physical manifestation such as mass, space, and time. All strings are interconnected harmonically like a giant puzzle, down to the most miniscule interactive events through the ends of time. No atom exists without string cycles describing its origin, stages of being, connectivity to different scalar forms, and eventual disposition. All strings are inter-linked, responsive, timeless, and unified. All are as one, yet act as separate expressions.

Classical mechanics demonstrate that energy is represented by frequency and frequency is proportional to mass, but there is a glitch with that. Given the infinite nature of strings and their timelessness, the speed of light "c" cannot be used in its present form to describe mass. Rather, velocity must be broken down into composite frequency and wavelength terms to be more closely aligned with string functions. From a higher dimensional perspective, there is no real velocity

or time, only unified states of energy. Time, space, and velocity only become real when dimensional energy crosses the physical threshold or the "3D crossover point."



As we will see in later chapters, energy potential is frequency, and frequency produces space. Mass, as shown below, is proportional to frequency, defined on this plane by the introduction of wavelength. Planck's constant also varies as an assumed log function of velocity, represented below by an inverse relationship for simplicity. Velocity relies on wavelength and frequency which determines the final state of Planck's constant and mass. The cumulative relationship between velocity and its constants indicate that Planck's constant is an "average" derived from all participating waveforms in a mass form, say an electron.

If speed "*c*" holds, "*h*" holds. But if velocity wavers, which is the proposed case, then *h* must also vary. We can also conclude that *h* is proportional to *f* given force *F* and velocity *v* remain constant:

$$E = mc^2 = hf$$

$$m = \frac{nh}{\sum_0^n c^2} \sum_{x=0}^{n} f_{(x)} \quad \{ c \rightarrow v \rightarrow \lambda f \}$$

$$m = nh \sum_{x=0}^{n} \frac{1}{\lambda_{(x)}^2} \sum_{x=0}^{n} \frac{1}{f_{(x)}}$$

$$h \in \lim_{k_v' \to \infty} \left(\oint \frac{F(k_v')}{\vec{v}^2} \right) \quad \{v: velocity\ vector. F(k): v - dependent\ unit\ constant\}$$

$$h \in \lim_{k_v' \to \infty} \left(\oint \frac{F(k_v')}{\lambda_{(x)}^2 f_{(x)}^{\ 2}} \right)$$

$$h = \frac{F\lambda}{f} = \frac{Fv}{f^2}$$

Chapter 5: *Three Particle Problem*

The classical three-particle EPN model (electron, proton, neutron) is not only outdated but incorrect. Science finds this model useful because it provides a simple explanation for matter's behavior and continuous actuality. While atomic science has derived outstanding reactive results and proven the existence of both neutral and polarized particles, there is no visual confirmation that this model is factual. Hence, it should fall under the category of pseudoscience or, stated more elegantly, philosophical concept. Strong support for this conclusion is based on implicating mathematical inconsistencies I will show in pages to follow.

It's not about whether a glass is half empty or half full. Rather, it's about the glass having something in it, figuring out what put that something in there, and where it came from. We will see this shortly.

"Atoms have polar charges due to an *inductive* process, not intrinsic disposition."

There are four main ideas in today's accepted atomic model:

- All matter is made up of tiny particles
- Matter particles are in constant motion
- Particles have spaces between them
- Heating matter makes particles move faster

Red flags immediately go up with the first and third ideas: the existence of "tiny particles," and spaces. I gladly put forth the question, how tiny must tiny be before the causal particle of all particles is found, as is the case today with the hunt for the Higgs boson? Once found, the next logical stage of objectivity will be to find out "what's in the Higgs particle," and so on and so forth, never ending. Another concern involves particles discovered at the 126 GeV range which by default were associated with the Higgs particle predicted by the Standard Model; but could these high energy particles be something entirely different?

The next flag that goes up is in defining what makes up elementary domains or empty space. No one knows for sure, but it certainly is not a particle. Sub-quantum folds approaching manifolds are bandied about in an attempt to explain space. But as they say down south, that biscuit ain't done yet.

In our objective journey, we begin by tearing down this old standard model holding us back. It's got to go, but we will do it one elegant "quantum" at a time. First in our agenda is, would you believe, a "smoothie bar?"

[13] Let's pretend we open up a smoothie bar that specializes in "atomic smoothies." Our secret recipe uses three basic ingredients or flavors; strawberry electrons, banana protons, and pineapple neutrons, all in their natural molar mass concentrations. We take out a blender, add quantity two of each ingredient, blend them up, and out comes the first drink of the day: the perfect *strawbanapple* smoothie we will call; **helium**.

Figure 13: Strawbanapple smoothie [13]

A customer steps up to the bar and orders something a bit "heavier" than helium. He wants a smoothie with a different flavor, character, and textual properties. Trying to please the customer, we change up the recipe, add ten of everything, and blend them up. We pour blender contents out for the customer to sample but, to our surprise, out comes five times the volume of *strawbanapple*, identified as **neon**. The customer takes the glass, samples the mix, and his face suddenly says it all; the mix still looks and tastes the same as **helium**, only there's just more of it. Molarity, not flavor, changed. Not getting what he expected, he makes for the door but we beg to try again.

Since we did not have much luck changing the smoothie's flavor, only ended up with more *strawbanapple*, we now go for broke: ten times the ingredients. The blender churns, stops, and out pours 10 times *strawbanapple* or **calcium**, but there is still no change in flavor. The customer looks most displeased and we immediately realize that our smoothie bar is a bust.

In a hasty move, we decide to break the mold a bit and blend quantity one of strawberry and banana in accordance with proton-electron balanced pair charge, but add one and a half pineapples. In this manner, we ensure an equal ratio of one and a half neutrons per electron (the maximum neutron to proton ratio in basic elemental series). We call this new recipe *strawbanapple superbe*. But again, the new taste is not that much different. In addition, we discover there are several atoms that share the same flavor or proportional number of neutrons (see Table 2 below) regardless of volume.

This is not looking good for the smoothie bar. We can't seem to get 118 unique flavors [14] out of three distinct ingredients in the same ratio of neutrons to charged particles. Two flavors, not that distinct from each other, is the best we can do given that the ratio of strawberries to bananas do not vary between atoms, unless we go isotopic. But as mass goes up, isotope *strawbanapple* ingredient variances do not make much of a difference nevertheless.

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13 www.rotinrice.com

14 www.sciencenotes.org

As we will see in subsequent exhibitions, sub-atomic particles do not provide sufficient differentiating ingredients (intelligent constituents) to resolve atomic distinction and its many states. Quarks and gluons are brought into the picture, but do these differ from one atom to the next? If they did, would not particle properties like electron mass and charge change as well? Since they do not, it begs to differ if quark densities are even possible, or exist period.

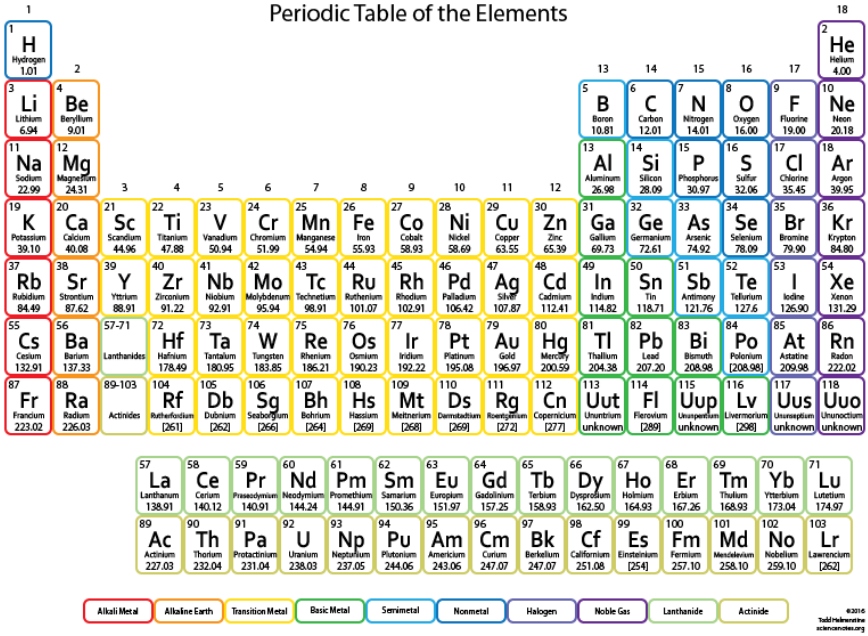


Figure 14: Periodic table of the elements [14]

The three-particle model cannot possibly be responsible for atomic properties. Atomic behavioral instructions are far more complex than generally assumed by particle-based models. Matter of fact, I doubt these three particles even exist. They might be a by-product of quantum emissions like solar flares, but not core constituents of the atom.

Something else must be responsible for atomic properties, and string theory is here to provide much needed answers. A string-DNA model provides greater clarity and evidence over older classical three-particle models, helping to answer the riddle of atomic recipe base and originating energy source. In addition, strings can be associated with fourth dimensional cloud systems or closed cycles describing critical constituent sources such as energy symmetry, resonance, geometry, and timeless behaviors that in effect conserve and consistently replicate physical architecture in rapid pulses.

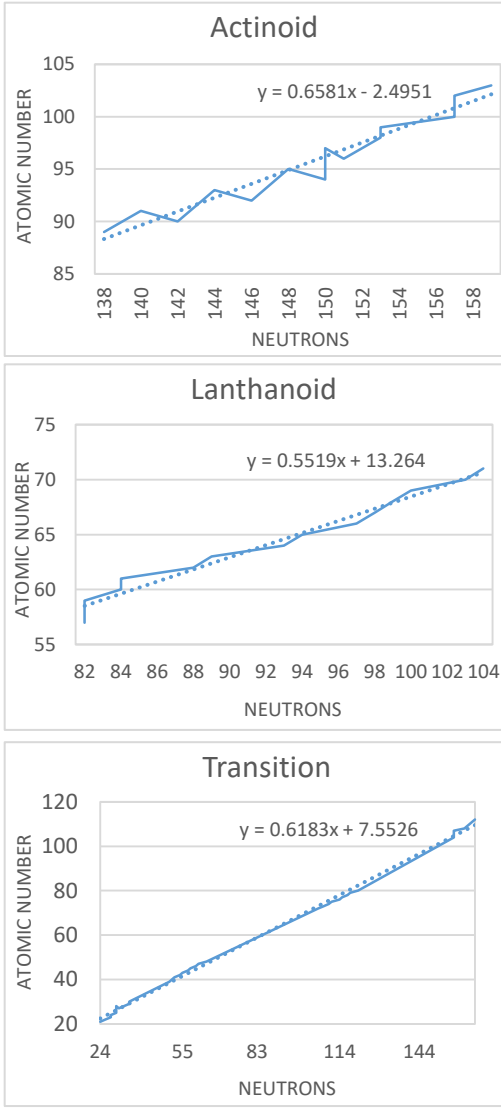


Figure 15: Atom Series Neutrons

The following charts exhibit a lack of atomic series correlation to assigned classical neutron population density; the alleged discerning particle in the periodic table when using the EPN three-particle system.

On these charts, point slope intercepts indicate equal EPN densities. These slope points are locations where EPN recipes share consistent ratios of electrons to neutrons. The closer the slope line is to actual trend, the more similarity should exist between series atoms (have the same "flavor").

Colliders provide a plethora of short-lived particles believed to be gap constituents (quarks, mesons, bosons, etc), but their brief lifespan contradicts atomic longevity. Besides, collision traces indicate the presence not of particles but rather waveforms. What about those particles we can't measure, residing beyond our realm of detection?

Neutron particle contribution cannot sufficiently account for differing atomic properties. Another factor must be involved in changing atomic mix and string resonance is the suggested solution.

This leads us to approach atomic DNA constructs from a strings payload perspective rather than physical particle models. Use of strings is further exemplified when considering that frequency and energy are one and the same, frequency being the polarized rate of energy delivery.

Table 1 below shows the linear trended atom/neutron slope for each atomic series and the ever so slight divergence they offer.

Table 1. *Atomic Series: Neutrons and Trend Slopes*

Series	y	Atomic Number	Neutrons
Non-metal	0.6968x + 2.7542	1 – 53	0 – 74
Gas	0.6208x + 3.8127	2 – 86	2 – 136
Alkali	0.6259x + 4.1447	3 – 87	4 - 136
Alkaline earth	0.6142x + 5.0106	4 – 88	5 – 138
Metalloids	0.6531x + 3.8688	5 – 85	6 – 125
Post transition	0.6133x + 6.4773	13 – 114	14 – 175
Transition	0.6183x + 7.5526	21 – 112	24 – 165
Lanthanoid	0.5519x + 13.264	57 - 71	82 - 104
Actinoid	0.6581x - 2.4951	89 - 103	138 - 159

Table 2 shows the top matching ratios between non-isotopic neutrons and atomic numbers such that $\sigma = \frac{\delta}{\varepsilon}$ (ratio of neutrons over electrons) are equal, even though their constituent elements span through different series and properties:

Table 2. *Neutron/Electron Ratio (non-isotopic)*

$\sigma = \frac{\delta}{\varepsilon}$	No. Matching Elements	Series Name	Elements
1.00	9	Alkaline earth, metalloids, gas, non metals	*Mg, Ca, He, Ne, Si, C, N, O, S*
1.17	2	Transition	*Cr, Zn*
1.20	2	Metalloids, transition	*B, Mn*
1.29	2	Non metal, transition	*Br, Mo*
1.33	3	Alkali, gas, transition	*Li, Kr, Cd*
1.50	2	Transition	*Os, Pt*
Varied	1	All series	*All remaining elements*

Chapter 6: *The Physical Atom*

Far beneath the atom's physical influential domain and approaching the limits of quantum gravitational levels lies the foundation of today's most critical scientific controversies. For reasons that will be described shortly, the field of quantum mechanics which depends on Newtonian factors has been weighed, measured, and found wanting for many reasons. Newtonian mechanics might work well for medium to large scalar systems such as solar systems where mass outguns charge, but one cannot make the same assumption of atoms or even molecules because these fall under a different class of scalar rules—scalar progression and scales will be discussed later in the text. At the atomic level, charge, not mass, is the factor that plays a decisive role in its interactive behavior. In addition, charge is not intrinsic but inducted by forces we will also discuss later on.

Way back in college when I took fundamental Physics, my professor solved for atomic radius *r* using classical force equations. I was bold enough to raise my hand, went to the black board, and replaced the standard velocity-based Newtonian equation he used with the dual-mass version. Things did not go well for me in the Dean's office after that. I recall being told that my derivation was "correct," but it could not be taught because of "national security."

On that September 1976 afternoon, I proved without really meaning to that the ratio between Coulomb and Newtonian forces did not equal "1." That was a Kodak moment for the physics department, but I'll spare readers the rest of the gory details.

$$F = \frac{kq^2}{r_e^2} = \frac{m_e v^2}{r_e} = \frac{Gm_p m_e}{r_e^2} \; \{ \textit{Columb and two Newtonian force equations} \}$$

$$r_c = \frac{kq^2}{m_e v^2} = \frac{q^2}{4\pi\varepsilon_0 E_c} = \frac{q^2}{4\pi\varepsilon_0 m_e c^2}$$

$$\frac{q^2}{4\pi\varepsilon_0 G m_p m_e} \neq 1$$

By the nature of molecular constructs, where certain atoms bond and reject each other based on shell ionic or covalent forces, results from above formulas put in question roles played by Newtonian mechanics. The standard gravitational constant is mostly to blame for errors seen above.

In that fateful Physics class, I learned to be extremely distrustful of any theory, standard, or method, always questioning and prodding established precepts. Quantum gravity and general relativity are two theories that got my attention and I wasted no time doing "my thing" with them. Soon enough, I tore specifically

into the mass distribution density (m_p) of atomic particles and Planck unit lengths ($p_{density}$). The focus of my research was the mass density per Planck length at the classical barrier itself where quantum gravitational effects begin to be apparent. Could particle values be resolved beyond the barrier? We will see that density per Planck length for atomic particles is much less than a Planck limit and that can't be a good thing.

We will also compare Bohr radius against Newtonian derivation of same. If we set the classical radius r_c derived above (classical radii) equal to Bohr's radius α_0 and solve for charge q, we encounter yet another inequality, most likely aided by use of Relativity and gravitational constant domains:

$$r_c = \frac{q^2}{4\pi\varepsilon_0 m_e c^2} = \alpha_0 = \frac{h}{2\pi m_e c\alpha} \{ Bohr\ radius \}$$

$$q = \sqrt{\frac{2\varepsilon_0 hc}{\alpha}} = 2.195 * 10^{-17}\ C \{ 137\ times\ accepted\ value \}$$

Let us assume that the Coulomb value for charge and other equation variables is correct, but velocity is not. By converting the above equation and solving for velocity (granted we know ahead of time that the result will not equal the speed of light), given all other constants and variables are valid, we arrive at:

$$\frac{\alpha q^2}{2\varepsilon_0 h} = c' = 1.59 * 10^4\ m\ s^{-1}\ \{ Light\ speed\ value: 3 * 10^8\ m\ s^{-1} \}$$

Perhaps, classical force terms (Coulomb/Newtonian) are not equal to each other in ratios, but are "additive." To find out, we solve for velocity by using energy terms, still combining Coulomb, Newtonian, and Bohr equations. In our result, Newtonian mechanics imply an insignificant contribution to the overall velocity budget of only 0.39%, and it can be concluded from both speed results that:

- Electrons do not transit at the speed of light
- Electrons constitute a shell, not orbiting charged particles
- They are not subject to the gravitational constant *G*

$$\alpha_0 = \frac{h}{2\pi m_e c\alpha}$$

$$F_t = F_c + F_n = \frac{kq^2 + Gm_p m_e}{r^2} = \left(\frac{2\pi m_e c\alpha}{h}\right)^2 \left(kq^2 + Gm_p m_e\right)$$

$$E = F_t \cdot \partial\alpha_0 = \left(\frac{2\pi m_e c\alpha}{h}\right)\left(kq^2 + Gm_p m_e\right) = hf = m_e c^2$$

$$\left(\frac{2\pi\alpha}{h}\right)\left(kq^2 + Gm_p m_e\right) = c$$

$$c'' = 1.598 * 10^4\ m\ s^{-1}$$

$$1 - \frac{c''}{c'} = 0.39\%$$

ATOMS, THE NEW LOOK:

For purposes of focusing on dimensional functions in this treatise, and the insignificant energy contribution offered by Newtonian models, we will consider that the atom is a spherical capacitive energy wave artifact devoid of orbiting particles. By doing so, we visualize it as having various resonant capabilities listed as follows:

- f_ω: Equatorial angular frequency
- f_e: Shell size or radius resonance rate (shell max – min radius, equatorial)
- f_g: Proton-electron cavity gap feedback resonance
- A_e: Vibrational r_e sized "wafers" within electron shell

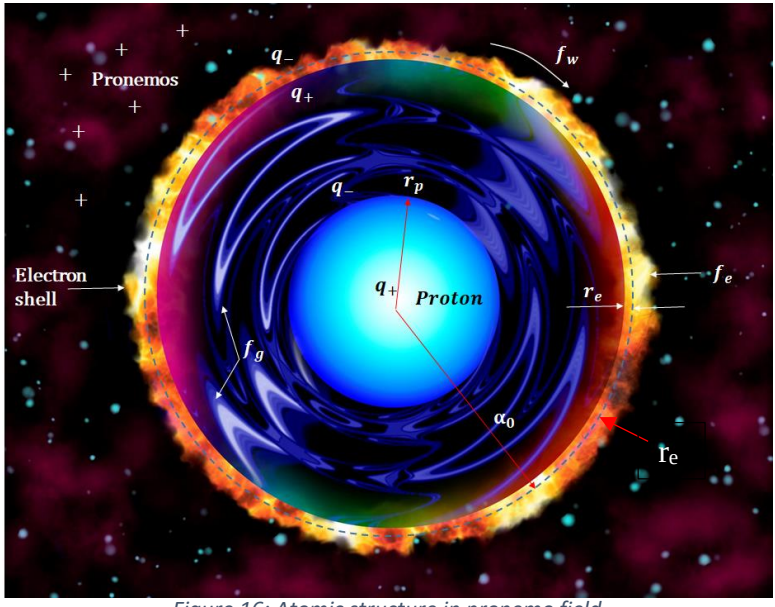


Figure 16: Atomic structure in pronemo field

The atom can be visualized as a turbulent set of swirling energy wave packets or energy clouds, definitely not billiard balls. With Newtonian mechanics in the background as an insignificant contributor to atomic cohesion, the solid particle model cannot stand up to scrutiny, and we are not about to enable that situation by adding strong/weak forces into the mix; that's not happening. And much as with the sun, where electromagnetic fields waver based on several resonant distributions throughout its surface shell, the same phenomena affect the atom.

The atom's electric field is set pointing inward toward a central positive point charge; the proton. Space surrounding the shell is positive and infinitely filled by "rogue" positive relative charges we will call "pronemos." Pronemos are not solid particles but rather a field of polarized oscillating energy waves; the stuff that makes up empty space. That is, space is infinitely filled, not empty.

Pronemos are in part what science calls today: Dark Matter. But after considering matter, dark matter, and anti-matter, dark matter don't matter. Their presence is just as important to the atom's welfare as its existence, helping to establish the base for atomic presence and power. They make up the fabric of space and provide the fuel that atomic forms require to endure and bond.

Given pronemos are of a higher dimensional oscillating energy state, their interactions give rise to demodulated negative "carrier waves" by means of designed phase interactions [15]. To be noted, higher frequency (∂f_a) means higher energy (hf). Also, a difference in frequency energy levels (Δp) creates polarity: higher energy being positive, lower is negative. This is the basis for charge.

"Energy potential is a difference in state values or rates, the foundation for charge polarity."

The formula below can be used to determine polarity shifts between spectral lines, as well as quantum level differentials, keeping in mind that higher frequency has a tendency to polarize positively (charge-wise) over lower frequencies:

$$\Delta p_{\pm} = E_a - E_b = h(\partial f_a - \partial f_b) \quad \{\, a\text{: higher frequency. } b\text{: lower frequency} \,\}$$

$$\Delta p_{\pm} = h\left(\frac{v_a}{\lambda_a} - \frac{v_b}{\lambda_b}\right) = hv_{(ab)}\left(\frac{\lambda_b - \lambda_a}{\lambda_a \lambda_b}\right) \quad \{\, \text{assuming frequency velocity is constant} \,\}$$

$$\Delta P_{\pm} = p_{pr} - p_{atom} \;\rightarrow\; \frac{\Delta(E_{pr} - E_{atom})}{h(f_{pr} \cdot \varphi_{pr} - f_{atom} \cdot \varphi_{atom})}$$

$$\Delta q = \frac{\Delta(E_{pr} - E_{atom})}{\Delta(V_{pr} - V_{atom})}$$

[15] d2v9y0dukr6mq2.cloudfront.net

where:

pr: pronemo
$atom$: atomic shell realm
Δq: charge delta between energy and potential differences

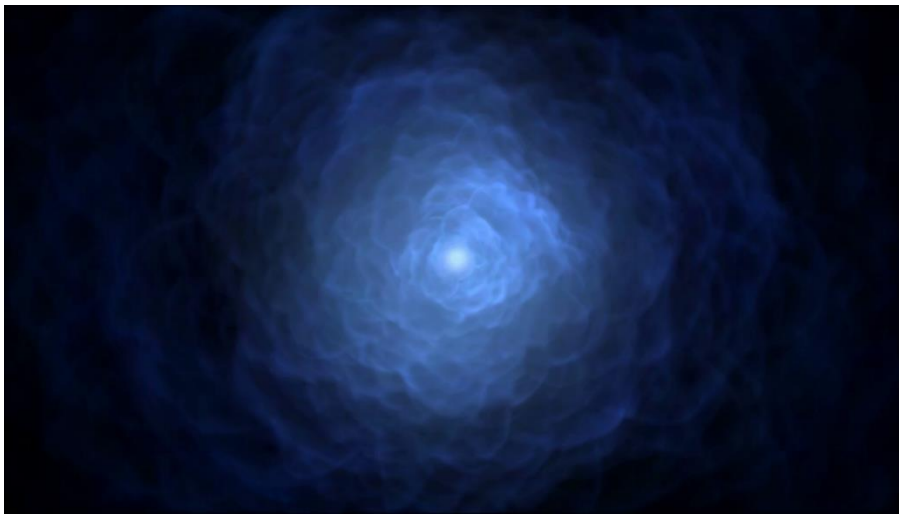


Figure 17: Lower frequency hubs surrounded by pronemo field [15]

Being of a lower frequency (∂f_b) than the immediate vibrating pronemo field, carrier waves will bear a negative bias against the surrounding pronemo field and tend to gather by resonant and potential affinity just as rain water flows and collects into a well. In this manner, an isolated rotational charged density form is created out of the original pronemo field using energy/frequency deltas as polarity. This is how negative charges are born. This same principle applies to many forms on earth, even space, planets, stars, and galaxies.

We should not refer to phase or charge as negative or positive but rather rate and potential differentials as explained above. Though energy reveals itself to us in the form of polar charges, we should see these as a difference in oscillatory energy potential such that higher frequency rates deliver more energy than lower ones, thus the difference in phase and charge bias. When we discuss string manifolds and rotating *bearing* vectors in later chapters, rotation is described by frequency differentials, higher and lower, across the *bearing* ring.

As with all waves, polarity is an integral component of pronemo existence and consists of two phases; positive and negative, or higher and lower rates. In fact, in the physical dimension, a negative bias cannot exist without a directly opposite positive supporting bias somewhere. This is due to the fact that everything in nature is a pulse and carries polarity phases by default. Thus, there must be balance between the pronemo energy wave field and isolated negative point hubs.

What we measure as negative is simply demodulated pronemo field energy, isolated into a point surrounded by pronemos. Energy difference creates the point bias, and from it an electric field. From that we get charge. Since positive and negative charges carry a standard Coulomb value, they are part of a standard field, one that is universal in nature wherever charges are present, and points right to the pronemo field as its source. Pronemo origins will be discussed later.

Note: energy referred to here does not result from charge properties we commonly associate with, but brings about and maintains the charge aided by dimensional energy feeding nearby pronemos.

As pictured in the prior atomic shell diagram, resultant negative energy hubs (atoms) are represented by a rotating spherical shell. The equatorial vector will have a rotational energy frequency f_ω and Coriolis-like effect frequency f_e within the shell body which varies from equator to poles. A_e describes the number of these resonant Coriolis loops (wafers) possible, swirling much like currents about a magnetic field within the electron shell. In the gap space between proton and electron, a feedback resonance f_g is established.

$$f_\omega = \frac{c'}{2\pi\alpha_0} = \frac{m_e c'^2 \alpha}{h} = 2.536\ GHz$$

$$f_e = \frac{c'}{r_e}\frac{15{,}900\ m\ sec^{-1}}{r_e} = 31.96\ EkHz$$

Table 3. *Relationship Values*

Variable:	Value:
α_0	$5.29 * 10^{-11}\ m$
r_p	$8.4 * 10^{-16}\ m$
r_e	$0.5 * 10^{-19}\ m$
k	$9.0 * 10^{9}$
q	$1.602 * 10^{-19}\ C$
c	$3.0 * 10^{8}\ m\ s^{-2}$
m_e	$9.109 * 10^{-31}\ kg$
m_p	$1.673 * 10^{-27}\ kg$

The atom, represented in this study as a spherical wave artifact rather than a miniature solar system, is theorized to act much as a capacitor of negligible Newtonian bearing. We compute its natural cavity gap resonance f_g and capacitance, as well as electron and proton mass densities, as follows:

$$\lambda_g = \frac{h}{2\pi m_e c\alpha} - r_p - r_e = \alpha_0 - r_p - r_e = 5.29 * 10^{-11}\ m$$

$$\Delta V_g = \frac{-q}{4\pi\varepsilon_0}\int_{r-r_p}^{\alpha_0-r_e}\frac{\partial r}{r^2} \;\equiv\; \frac{kq(r_p-\alpha_0+r_e)}{(\alpha_0-r_e)r_p} = -1.72\ Mv$$

$$C_g = \frac{r_p(\alpha_0-r_e)}{k(\alpha_0-r_e-r_p)} = 9.33*10^{-26}\ f$$

$$f_g = \frac{c}{\lambda_g} = 5.67\ EHz\ \{c = recognized\ speed\ of\ light\}$$

$$D_{me} = \frac{m_e}{8\pi({\alpha_0}^2+r_e^2)} = 1.295*10^{-11}\ kg\ m^{-3}\ \{electron\}$$

$$D_{mp} = \frac{3m_p}{4\pi r_p^3} = 6.74*10^{17}\ kg\ m^{-3}\ \{proton\}$$

The atom, being spherical, has a shell width r_e that describes a spherical oscillatory potential within the electron shell itself as an approximate cubic volume of the radius. The number of oscillatory artifacts within the shell volume or "vibrational potential wafers" is described by A_e as follows:

$$A_e = \frac{8\pi}{r_e^2}({\alpha_0}^2+r_e^2) = 2.81*10^{17}\ vibrational\ wafers$$

Table 4. *Atom Shell Resonant Components*

Artifact	Description	Value
f_ω	Equatorial angular frequency	$2.536\ GHz$
f_e	Shell size or radius resonance rate (shell max – min radius, equatorial)	$31.96\ EkHz$
f_g	Proton-electron cavity gap feedback resonance	$5.67\ EHz$
A_e	Vibrational r_e sized wafers within electron shell	$2.81*10^{17}\ vibrational\ wafers$
ΔV_g	Atomic artifact potential	$-1.72\ Mv$
C_g	Atomic artifact capacitance	$9.33*10^{-26}\ f$
D_{me}	Electron shell mass density	$1.295*10^{-11}\ kg\ m^{-3}$
D_{mp}	Proton hub mass density	$6.74*10^{17}\ kg\ m^{-3}$

There are an n number of Coriolis rings about the shell, each at distance $2r_e$ apart from each other from pole to pole with circumference described by A_n. Each ring set has a different velocity c_n based on its global position latitude determined by a different circumference radius l_n from the center pole. For every n latitude in terms of A_n, the following describes circumference and velocity:

$$\theta = \frac{2nr_e}{\alpha_0}\ \begin{pmatrix} n=0 \\ - \\ int\left(\frac{\pi\alpha_0}{2r_e}\right) \end{pmatrix}$$

$$A_n = 2\pi\alpha_0 \, sin\left[\frac{2nr_e}{\alpha_0}\right] \begin{pmatrix} n=0 \\ - \\ int\left(\frac{\pi\alpha_0}{2r_e}\right) \end{pmatrix}$$

$$A_n f_\omega = c_n \begin{pmatrix} n=0 \\ - \\ int\left(\frac{\pi\alpha_0}{2r_e}\right) \end{pmatrix}$$

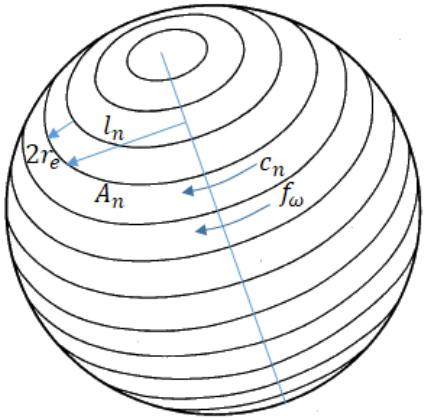


Figure 18: Osicllatory wafer latitudes

It is beyond the scope of this treatise to demonstrate "parallax resonance" occurring on the electron shell. Much like a strobe light falling on a spinning fan, where blade patterns seem to stand still as these rotate, standing wave patterns will appear on the electron shell as a function of observer oscillatory reference, given that the observer (person or machine) also has interacting atoms vibrating at different rates.

All atomic forms appear relative to the observer's frequency thereof. When energies exchange between different atomic states, their rates adapt to a common base rate; a heterodyning effect. For this reason, we must also consider that what we sense in nature is a "demodulation" of what is, where our eyes and machines are the filter.

It is possible to compute proton charge frequency f_+, equating to a negative (or opposite) 3 times electron frequency as shown. The negative term signifies phase offset (using 1 Volt for voltage reference):

$$\Delta q = |q_+ - q_-| = 2q$$

$$\Delta q = \frac{E_+}{V_+} - \frac{E_-}{-V_-} = \frac{E_+ + E_-}{V} = \frac{h}{V}(f_+ + f_-)$$

$$\frac{\Delta qV}{h} = \frac{2qV}{h} = f_+ + f_-$$

$$f_- = -\frac{q|V_-|}{h}$$

$$\frac{2qV}{h} - f_- = \frac{2qV}{h} + \frac{q|V_-|}{h} = \frac{q}{h}(2V + V) = \frac{3qV}{h} = f_+$$

$$\frac{f_+}{f_-} = -\frac{3hqV_+}{hq|V_-|} = -3$$

$$f_- = -\frac{qV_-}{h} = \frac{1.602 * 10^{-19}\,(1.602 * 10^{-19}\,J)}{6.63 * 10^{-34}(1.602 * 10^{-19}\,C)} = 2.42 * 10^{14}\,Hz\,\{\,electron\,\}$$

$$f_+ = 3 * f_- = 7.25 * 10^{14}\,Hz\,\{\,proton\,\}$$

This implies that electron base rates are in the NIR-A (near infrared range "*A*") while protons are into the high-end violet light range. The range is composed of:

- 29% NIR-A: electron
- 60% of the light spectrum up to violet: proton
- Top 11% of the light spectrum is covered by EUV: neutron

If we assume a neutron is composed of one proton and 2.5 electrons, based on mass to energy relevance, we can deduct the following frequency base for the neutron, placing it at the top end of the ultra-violet range (EUV). Notice that mass-resultant velocity ($E = mc^2 = hf$) yields different wavelength values:

$$f_n = f_+ + 2.5 * f_- = 7.25 * 10^{14} + (2.5) * 2.42 * 10^{14} = 1.33 * 10^{15}\,Hz\,\{\,neutron\,\}$$

Table 5. *Theoretical Base Frequencies For Basic Particles*

Artifact	Frequency	λ Band	Frequency	Velocity $v = \sqrt{\frac{hf}{m}}$	Wavelength
f_-	Electron base	NIR-A	$4.24 * 10^{14}\,Hz$	$4.2 * 10^{5}\,m\,sec^{-1}$	$1.7 * 10^{-9}\,m$
f_+	Proton base	HV	$7.25 * 10^{14}\,Hz$	$1.7 * 10^{5}\,m\,sec^{-1}$	$2.3 * 10^{-11}\,m$
f_n	Neutron base	EUV	$1.33 * 10^{15}\,Hz$	$2.3 * 10^{5}\,m\,sec^{-1}$	$1.7 * 10^{-11}\,m$

Chapter 7: *Elementary Lengths and Domains*

In this chapter, Planck unit limits are put to the test to prove a point; string energy is not uniformly distributed throughout space and resides in relativity domains far beneath quantum gravity limits. That might come as a surprise.

Most string manifestations arising from the pronemo field occur at miniscule mass levels where standard energy and particle mechanics are no longer reconcilable. In these environments, the basic constructs of particle physics break down since nothing is uniform beyond the quantum gravitational barrier. These miniscule energy constructs exhibit different properties and form unique artifacts we classify as atoms in the periodic table.

"Just as there is a periodic table of elements, there is a periodic table of pronemo patterns, feeding and maintaining elements in their various states and isotopic stages."

"Pronemos influence atoms from the outside in."

Hence, just as it is in the pronemo field, so it is in the atom. The atom is a reflection of pronemo demodulated patterns because that is what feeds it.

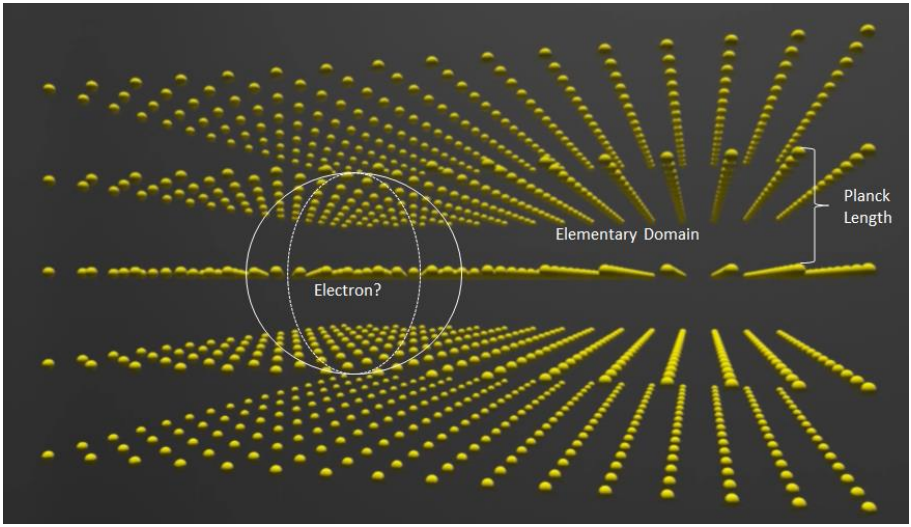


Figure 19: Planck Length, Elementary Domain

In particle physics and cosmology, Planck units are a set of unit measurements defined exclusively in terms of five universal physical constants: therein the

problem. Planck Scale refers to magnitudes of space, time, energy and other units beyond (or below) the Standard Model where predictions are no longer reconcilable and quantum effects of gravity are expected to dominate. Quantum field theory and general relativity also apply. These constants are:

- Speed of light: c
- Gravitational constant: G
- Planck's constant: h
- Coulomb's constant: $k_e = (4\pi\varepsilon_0)^{-1}$
- Boltzmann's constant: k_b

Planck units make use of a mix of special and general relativity, quantum mechanics, statistical mechanics, electromagnetism, and thermodynamics; the best our science has to offer. But, are all these theories valid? Though we have and will question the static value of the speed of light and general relativity shortly, we will stay their value in the following equations while questioning the validity of the gravitational constant at quantum dominion levels. Constants such as Planck and Boltzmann will be considered defensible for now.

For this exercise, we assume mass density is uniformly spread across elemental domain space and an electron will be used as the particle subject to density. By computing the number of Planck lengths ($P_{lengths}$) that will fit within an electron's theoretical orb and the mass (m_p) per Planck length unit, we arrive at an electron mass unit per Planck length far from expected.

$$P_{lengths} = \frac{Vol_{electron}}{Vol_{Planck}} \cong \frac{4\pi r_e^3}{3r_p^3} = \frac{4.19 * 10^{-54}}{4.1 * 10^{-105}}$$

$$P_{lengths} \cong 1.02 * 10^{51} \{ Planck\ lengths\ in\ an\ electron \}$$

$$m_p = \frac{m_e}{P_{lengths}} \cong \frac{9.11 * 10^{-31}}{1.02 * 10^{51}} = 8.9 * 10^{-82} kg\ un^{-1}$$

Repeating the above test for a proton m_{pr}, we obtain a different density value as expected:

$$P_{lengths} = \frac{Vol_{proton}}{Vol_{Planck}} \cong \frac{4\pi r_p^3}{3r_p^3} = \frac{2.81 * 10^{-45}}{4.1 * 10^{-105}}$$

$$P_{lengths} \cong 6.84 * 10^{59} \{ Planck\ lengths\ in\ a\ proton \}$$

$$m_{pr} = \frac{m_p}{P_{lengths}} \cong \frac{1.67 * 10^{-27}}{6.84 * 10^{59}} = 2.44 * 10^{-87} kg\ un^{-1}$$

Though these density units are too small to be uniformly significant in an artifact, if space is filled with string substrates yielding artifacts at or beneath the relativity limit, then what differentiates mass unit density between an electron and a proton? Also, how does this affect other constants?

Let us assume the newly computed electron mass unit m_p is a legitimate complementary mass that formed from the pronemo field, pair up energy and classical equations, and solve for *G*. What we get is rather unexpected. We also note that mass is inversely proportional to the square root of *G*. For *G*'s value to hold, mass must also be constant. This is the derivation for Planck mass under these special conditions:

$$E = \frac{Gm_p^2}{\lambda} = hf = \frac{hc}{2\pi\lambda} \quad \rightarrow \quad m_p = \sqrt{\frac{hc}{2\pi G}}$$

$$G = \frac{hc}{2\pi {m_{pr}}^2} = \frac{(6.62 * 10^{-34}) * (3 * 10^8)}{2\pi * (7.92 * 10^{-163})} = 3.99 * 10^{136}\ m^3 kg^{-1} s^{-2}$$

$$m_p = \sqrt{\frac{hc}{2\pi G}} = \sqrt{\frac{(6.62 * 10^{-34}) * (3 * 10^8)}{2\pi * (6.666 * 10^{-11})}} = 2.18 * 10^{-8}\ kg$$

* * * * *

Angular frequency is another interesting factor that can be analyzed due to its relationship to general relativity and the speed of light. We will test their limits by using a simple angular frequency application.

Let us assume we have a rotating artifact at some angular frequency rate and radius, say, half a Planck length. The resultant velocity at that radius is far greater than the speed of light. While trying to operate at Planck length limits, our resultant length should not be any less due to quantum restrictions. Still, the smaller the radii the less the velocity as we enter into the quantum gravity zone where measurements bear meaningless.

We take Planck angular frequency *ω*, divide it by 2π radians to get frequency, then compute the angular velocity at a proposed half Planck length or radius. The result is approximately 158 times greater than the speed of light. For the angular velocity to equal the speed of light, the radius must be 158 times less than a Planck length; relativity effects should prohibit that. But once again, there is that *G* constant again that breaks everything at the atomic level:

$$\omega = \sqrt{\frac{2\pi c^5}{hG}}$$

$$R_\omega = \left(\frac{1}{2\pi\ rad}\right)\sqrt{\frac{2\pi c^5}{hG}} = \sqrt{\frac{c^5}{2\pi hG}}$$

$$R_\omega \varphi = v_\omega = \left(\frac{1}{2}\right) 2\pi l_p \sqrt{\frac{c^5}{2\pi hG}}$$

$$v_\omega = \frac{l_p}{2}\sqrt{\frac{2\pi c^5}{hG}} = 4.75 * 10^{10}\ m\ s^{-1}\ \{\ v_\omega > c\ \}$$

$$l_{p'} = 5.1 * 10^{-37}\ m\ \{\ l_p\ at\ v_\omega = c\ \}$$

Table 6. *Planck and Gravitational Constant Inconsistencies*

Artifact	Description	Value
m_p	Electron Planck length density	$8.9 * 10^{-82}\ kg\ un^{-1}$
m_{pr}	Proton Planck length density	$2.44 * 10^{-87}\ kg\ un^{-1}$
G	Gravitational constant at m_p density	$3.99 * 10^{137}\ m^3 kg^{-1} s^{-2}$
v_ω	Angular velocity at half Planck length	$4.75 * 10^{10}\ m\ s^{-1}\ \{\ v_\omega > c\ \}$
$l_{p'}$	Angular velocity=c at radius=0.496 Planck length	$3.23 * 10^{-35}\ m\ \{\ l_p\ at\ v_\omega = c\ \}$

* * * * *

Another questionable derivation is Planck charge. Given that Coulomb force does not equal Newtonian force, Planck charge cannot hold true. Even though the Coulomb to Newtonian ratio equals one at the Planck level, when native particle values are introduced, the relationship does not hold. Planck's constant is built upon unified equation terms and sets charge and mass forces equal by default as shown below, but actual values prove otherwise:

$$F = \frac{kq^2}{r^2} \neq \frac{GM_p m_e}{r^2}$$

$$\frac{kq^2}{l_p^2} = \frac{Gm_p{}^2}{l_p^2}\quad \{\frac{kq^2}{GM_p m_e} = 2.3 * 10^{39}, not\ 1.0\ \}$$

If we keep the last equation intact, but set mass terms to be that of the sun and earth, then solve for charge q, the charge equates to $1.42 * 10^{37}\ C$. With a capacitance of $710\ \mu f$ and field strength of about $100\ V\ m^{-1}$, the earth's surface carries $500 K\ C$ of charge at $300\ KV$ relative to the ionosphere. The electric flow is about $1.1\ KA$ with an atmospheric resistance of $220\ \Omega$ at $400\ MW$. When we set

these known planetary scale terms into the formula shown above, its result is not "one" and is therefore invalidated as well:

$$\frac{kq_E^2}{GM_S m_E} = \frac{9 * 10^9 * (5 * 10^7)^2}{6.66 * 10^{-11} * 1.99 * 10^{30} * 5.97 * 10^{24}} = 2.84 * 10^{-20}, not\ 1.0$$

These are just a few observations regarding existing unit constants that hint toward stress failure under simple model exercises. While it is not suggested that the values derived here replace established universal units, it begs to question whether speed of light and gravitational constants are legitimately unified or used as part of the standard particle model.

Most theoretical issues thus far appear to be centered around the application of Newtonian mechanics on artifacts that may not be particles orbiting about each other. Something else beside particles must be accountable for manifestation, something not inherent to the physical plane not bound to standard physical models or constants as they are understood today. To describe this "something else," we will need to build upon a different scientific foundation, going back to classical roots and salvaging what is worthy and logical, not necessarily something presently modeled.

Chapter 8: *Modern Atomic Theory*

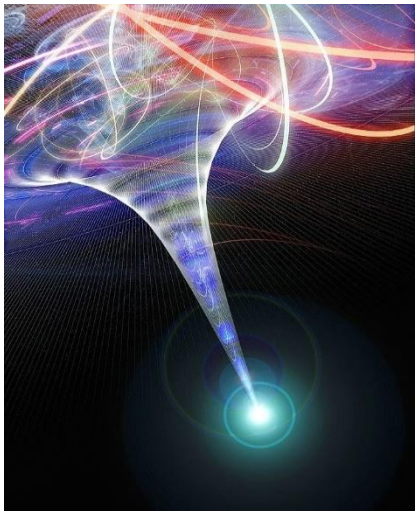


Figure 20: Fourth dimensional funnel [16]

[16] Scientific visionaries recently brought to our attention revolutionary concepts such as Virtual Universe and String theory, recognizing early on that matter does not have physical origins as science once thought. Rather, matter is now seen as a multi-dimensional wonder based on many symmetric and resonant forces, some challenging Planck units.

Stephen Hawking cheered fourth dimensional closed manifolds and topological space where points have neighborhood homeomorphic references to fourth dimensional Euclidean space. This was a close attempt to visualize a time dimension but it was in many ways isometric, conceived within a space/time continuum rather than energy/frequency domains where space and time are born and do not play a role.

Toward the end of the 20th century, virtual funnels were visualized transferring energy to the third dimension, then taking it back to their point of origin like a plunger. Their points of origin were cyclical fourth dimensional manifolds. X-particles were believed to require as much energy as that of an entire galaxy to transition through virtual funnels into the fourth dimension. But then, came strings [17].

These same theories, although bound by old thought restrictions, gradually evidenced the fact that an explosion could not have brought matter and black holes into existence due to matter's consistent nature and states. Poorly understood dimensional forces became the real factor behind strings, portrayed as microcosmic singularities and matter connectors between the third and fourth dimensions. To this day, many hard-core particle theorists are not willing to abandon

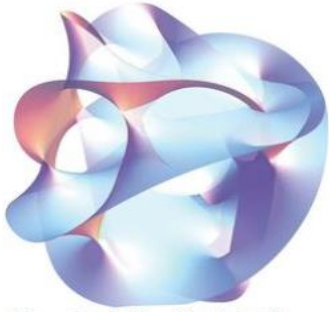


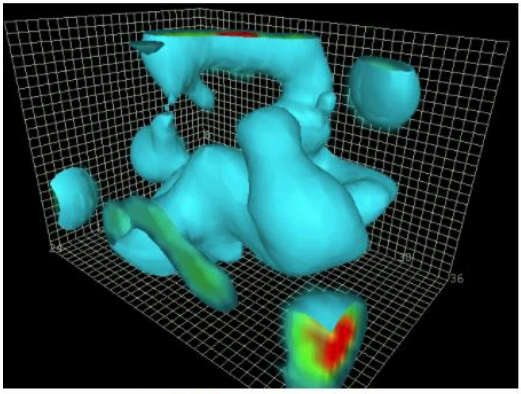
Figure 21: Dimensional string [17]

16 www.briankoberlein.com

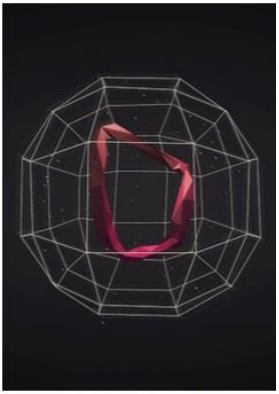
17 upload.wikimedia.org

precepts of old. But hopefully, that will soon change. It has to, otherwise error will continue to build upon error and science will endure yet new unnecessary blows. With any luck, the mathematical relationships shown here will at least serve to define a new level of plausible discretion to think of atoms in a new way and from new realms.

In string theory, subatomic point-like particles are replaced by one-dimensional strings that propagate through space and interact with each other much like vibrating energy ripples. A string may look like a line, curve, or even a particle whose properties are determined by vibrational states. There are open and closed strings proposed in at least a dozen theories thus far. Our treatise will build upon closed strings [18].



String deployment in physical space.
Wavelength and frequency producing displacement and force



Dimensional string, showing symmetry and vibrational equilibrium

Figure 22: Group string manifest — symmetry and equilibrium [18]

"The graviton is one of many vibrational string states, indicating gravity is the result of interacting oscillations."

The graviton is a quantum mechanical particle that carries gravitational force and exemplifies quantum gravity; yes, another "thing" with a "magic" battery. No one knows what gives the graviton "gravity." Unknowingly, the graviton, as we will see later on, is the key to time and space brought to you by frequency, wavelength, and pronemo activities surrounding atomic components.

From its modest beginning during the sixties' "wake up call," and through the combined efforts of countless researchers, super string theory developed into a broad, varied and complex subject with connections to quantum gravity, particle and condensed matter physics, pure mathematics, and cosmology; as it should be. But then, strings were associated with the wrong friends; a thing called an atom smasher, the brainchild of old-school smash, bash, crash, and burn science.

[18] i.gifer.com --- mir-s3-cdn-cf.behance.net

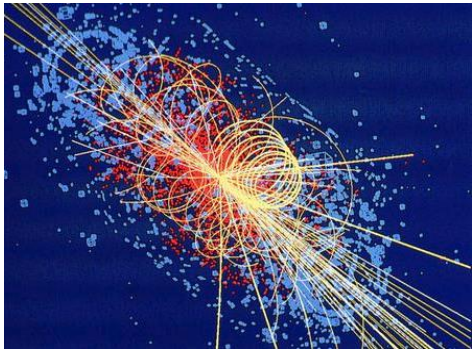


Figure 23: LHC collision splatter [19]

Although lack of experimental evidence discouraged many away from string theory, others expanded on it seeking help from the LHC [19] (the Large Hadron Collider) by the minimalization of atomic model components. We must accept the fact that minimalization can only show chance energy waveforms being released by the relative collision of two particles hitting each other head-on—that we can see.

There are several problems involved in the process of smashing particles. First, not all particles (in our case not particles but energy waveforms) will register in such a chanced destructive event, especially those with frequency footprints beyond what instrumentation is capable of capturing. Additionally, no two collisions are identical, or incidence angles the same.

The meaning behind collisions showing shooting lines and spinning vortexes can be anybody's best guess; a heck of a way to disassemble an atom, especially when there are cleaner more efficient ways of doing so. I liken the methodology to a mechanic trying to learn how batteries work by shorting poles, watching sparks fly, photographing the event, and calling it a day—it's not that simple.

The atom, composed of charged energy, is not too far from this analogy when smashed. If we truly understood and adhered by string theory stipulations, we would realize there are **NO** particles to be found in a smasher, none at all, but rather distorted energy packets due to interruption of the string's pulsed energy deployment. As string energy bounces in and out of this dimension, colliders cannot predict exactly how to sync up with transitory dimensional funnel tap points. A smash even might catch a tiny sliver of string oscillation somewhere half-way up the funnel, perhaps a quarter of the way, or a millionth, it is not presently predictable.

Figure 24: Spark plug [20]

The principles behind atom smashing are based on a solid continuum medium rather than an oscillating event that acts somewhat like a spark plug [20]. The faster the engine builds up cyclic revolutions, the faster sparks fly through the gap between center and ground electrodes. That gap, if seen in extreme slow motion, is not solid but rather oscillates through the gap long enough to ignite the fuel mixture and then vanishes until the next cycle. That is precisely how strings materialize into the physical domain. So the question

[19] assets3.thrillist.com

[20] cpi.studiod.com/www_ehow_com/i.ehow.com/images/a07/2t/0u/install-spark-plug-boot-800x800.jpg

remains, what part of the spark gap do atom smashers capture, what happens when the normalized spark is encroached upon, and what effect does such sputter interruption have on the "engine" or car?

What do we really see in collider prints? It's not particles but several distorted waveforms. What risks do these spurious waves bring to the environment? When string scalar energy factors are understood, we should realize that the foundation of reality on our plane (time, space, and states of matter) is put at risk. Energy patterns distorted by collisions affect our universe somewhere and sometime (not necessarily on Earth), placing the physical plane into elastic imbalance.

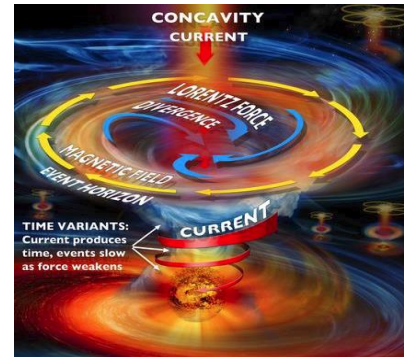


Figure 25: Vortex tap points

String cycles must recover lost or interrupted energy components regardless where or what state they are in. All associative strings have recovery priority and will seek dimensional and polarity equilibrium, even if it takes energy patterns from somewhere else to fill in the gap. When earth plane environments deviate from natural planned events, the result is similar to splicing DNA strands with unknown agents. The mutating result can be far reaching to reality and the fabric of nature itself.

Figure 26: Car collision [21]

To prove this point, let us visualize a high speed head-on collision [21]. What was once steel, leather, and fuel becomes an unrecognizable twisted mess. After the crash, you will not find pristine looking parts, seats, fuel, or headlights, but "a tiny sliver" in time of mutated car parts disfigured beyond recognition. Atomic particles are no different.

In energy collisions, we don't visualize or capture the essence or fingerprints of "real" wholesome particles or energy constituents but the remnants of an interrupted energy journey somewhere along its dimensional deployment path. An enormous symphony of waveforms can be produced as a result, for the most part absolutely meaningless. For instance, take Beethoven's Fifth Symphony's score sheet, open to say page 25, and origami your way on it ad-hoc; the small piece you gouge out does not represent even the most minute resemblance to the song.

[21] st.automobilemag.com

String theory proposed the existence of extra dimensions and rightfully so. A number of theories have sprung up all the way to M-Theory, but they integrate general relativity and quantum mechanics into the mix; an act just as sensible as driving and texting at the same time. In the field of mathematics, D-branes and compactification are the latest evasive maneuvers meant to add more value, or shall we say, countermeasure confusion to already defined precepts that are actually rather simplistic and "non-relativistic" from the sense of behavioral energy factors.

Simplicity is an important factor in scientific analysis. Less moving parts add clarity. From that perspective, we will look at key atomic behavioral deliverables to help frame a more realistic dimensional design.

Chapter 9: *Scalar Progression*

The inequalities found in Newtonian mechanics, the illusive source of particle charge lifetimes, questionable quantum and relativity properties, all these hint at the fact that atomic components are not native to the physical plane but are rather dimensional artifacts. But what is this proposed dimensional world like, what type of math, if any, will help us conceive it, and how do strings work?

When venturing into unseen foundational concepts like dimensional strings, we cannot lean on established mathematical models, unless we want to end up with topological manifolds restricted by mechanics; then we'll be lost for sure. We have seen the effects of mechanics and do not want to associate them in our work. So what else is there that we can use?

String models previously discussed come to the rescue, indicating there are two critical geometric features to be considered; resonance and symmetry. To fully understand these two qualities, what we already know about the atom must be re-tooled, let alone strings. Without a solid understanding of how the atom works and what drives its manifestation, string theory will fail us.

Let us recap our discussion thus far:

- Dimensional and pronemo forces are both manifested by strings
- Dimensional forces demodulate string and pronemo energy, manifesting physical artifacts at the 3D crossover point
- Pronemo wave field turbulence sets up energy bias and polarity
- The atom receives energy from pronemo space surrounding it, and relating instructions from its string(s)

Since strings are of extra-physical origins, we can look to nature for examples of dimensional footprints, then work our way back. There are countless patterns showcased by dimensional activity on a grand universal scale, just have to know where to look. From forces to atoms, molecules, plasma crystals, amino acids, proteins, cell structures, and so forth, examples of resonance and symmetry are literally endless. Everything in the cosmos seems to play together by pre-established predictable chord structures or merging patterns, a property that cannot be of this plane due to its grand scale and convergence, much less the product of a bomb.

The recurrence of form from a biological perspective has created a new and expanding branch of science called convergent evolution. While applied mostly to biology, convergence also applies to matter, its states, and properties. If we seek evidence for the existence of convergence in inorganic samples, matter's

convergent nature becomes clear. Convergence will be a key subject in our discussion going forward.

From subatomic particles to universes, all matter is subject to standards that set the stage for life. Linear combination and compatibility trends in nature, from the smallest manifested components to the largest forms in the cosmos, is what I will call, "scalar progression."

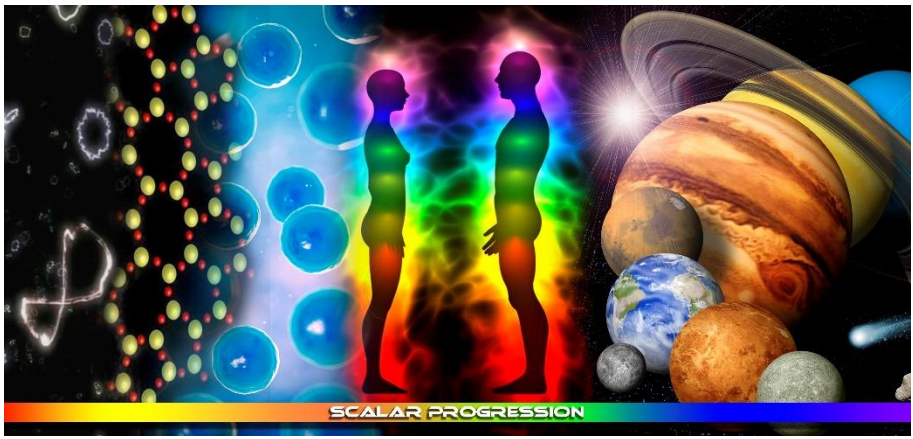


Figure 27: Scalar Progresion, Strings To Galaxies

Scalar progression has an infinite level of stages going in both directions, the micro and macrocosm. Beneath the atom, scalar progression reaches down into ever smaller levels or subatomic energy forms and eventually strings and so forth. Above it, these same subatomic building blocks combine to form standard molecules, living forms, even worlds. Where and how these combine is subject to degrees of convergence inherent in every scalar level and artifact by design.

While it is difficult to establish specific categorization levels in scalar progression due mainly to the infinite nature of energy, we can identify the following artifacts as specific levels for now, though these are not limited to:

1. Strings
2. Pronemos
3. Atomic components
4. Atoms
5. Molecules
6. Proteins
7. Cellular structures
8. Animated forms
9. Planets
10. Solar systems
11. Galaxies

12. Universes

Though divergence plays a selective role in the development of higher more developed forms most notably on levels 7 through 12, these stages still maintain selective uniformity and convergence. Levels 1 through 6 are more resistive to change due to lack of immediate designed diversity. Good thing that's the case to avoid chaos in higher levels, perhaps by design criteria?

Divergent features begin to appear above the protein level (level 6), effected by environmental adapting factors that give rise to forms bearing similitude, yet also diversity. These forms create cells, organisms, planets, solar systems, galaxies, and universes. Thus, scalar progression exhibits trends of selective differentiation in higher forms driven mainly by the environment due to the infinity of atomic combinations and environmental factors provided.

To consider nature's scale of adherence to convergence, let us look at the structure of an alpha amino acid in its non-ionized form. Formed by four basic atoms out of 118 (2C, 1N, 2O, and 4H) and a total of nine such atoms, the combination of these atoms results in a staggering probability:

$$C(n,r) = \binom{n}{r} = \frac{n!}{r!\,(n-r)!} = \frac{118!}{9!\,(118-9)!} = 8.94 * 10^{12}$$

Let us make another assumption, this time the multiplicative combined odds that specific amino acid atomic quantities will be found in a grouping of nine atoms, not accounting for space density or atom type availability:

$$C_t\left(n_{[x]}, r_{[x]}\right) \cdot \left\{r_x \ni \begin{bmatrix} O=2 & H=4 \\ C=2 & N=1 \end{bmatrix}\right\} = \binom{n_x}{r_x} = \frac{n_x!}{r_x!\,(n_x - r_x)!} = R_o \cdot R_H \cdot R_C \cdot R_N = R_x$$

$$R_x = \frac{9!}{2!\,(9-2)!} \cdot \frac{9!}{4!\,(9-4)!} \cdot \frac{9!}{2!\,(9-2)!} \cdot \frac{9!}{1!\,(9-1)!}$$

$$R_x = [R_O]\frac{362{,}880}{10{,}080} \cdot [R_H]\frac{362{,}880}{2{,}880} \cdot [R_C]\frac{362{,}880}{10{,}080} \cdot [R_N]\frac{362{,}880}{40{,}320} = 1{,}469{,}664$$

Looking further at the convergent scope of scalar progression, let us take the common size of an amino acid measuring in at 0.8 nm. Next, let's compare its chances of garnering required atoms in space by considering the standard atomic density of space established as one atom per cubic cm, multiplied by 9 atoms. This yields V_{space}.

Assuming there are nine consecutive required atoms found in this volume of space, a best case scenario, the ratio of space R_{ac} where these atoms may be found over the volume of an amino acid V_{ac} yields: $1.76 * 10^{22}$. Therefore, the chances of this amino acid base forming consistently across the universe, per average

atomic density, is less than $5.69 * 10^{-21}$ %. Yet, look how often and densely it occurs! Something else must be adding a "formation override" function:

$$R_{ac} = \frac{V_{space}}{V_{ac}} = \frac{9\ atoms\ (1 * 10^{-6}\ m^3)}{5.12 * 10^{-28}\ m^3} = \frac{9 * 10^{-6}\ m^3}{5.12 * 10^{-28}\ m^3} = 1.76 * 10^{22}$$

$$Amino\ acid\ formation\ probability = \frac{100}{R_{ac}} = 5.69 * 10^{-21}\ \%$$

One might claim this low probability is not the case on planetary surfaces, and that is an issue that will not be questioned as it carries absolute certainty. However, given that it is believed that amino acids form naturally in space [22], and plasma crystals [23] are their collective source (enhanced by solar and Jovian fields), our assumed odds of finding amino formations in space are not only greater (the volume of atoms is greater than a planet's surface) but are in line with space densities and atomic availability.

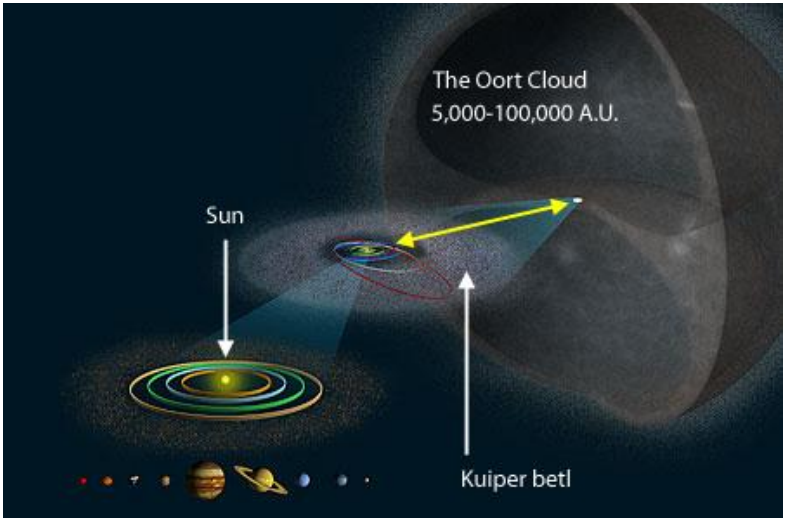


Figure 28: Solar system domain – 2 light-years out [24]

The following calculation shows that the solar system (out to a light-year radius), with space matter density based on free hydrogen, has nearly a thousand times the matter potential than the earth. This figure does not include the mass of the sun, planets, asteroids, Trojans, comets, Kuiper, or Oort objects, only

[22] physicsworld.com/a/amino-acid-detected-in-space/

[23] www.setterfield.org/Plasma_Astronomy_ZPE/text.html

[24] encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSEe72Yq2MZ4zWkAGK5CuVq3Ix9c0P_YqU9sjEv0R9i720GrLJPPA

open space. For the average mass of space matter, we use hydrogen which makes up an estimated 91% of all atoms [25] in the galaxy:

$$r_{lightyear} = 186{,}282 * 1{,}609.3441 * 3{,}600 * 24 * 365.265 = 9.46 * 10^{15}\ m$$

$$V_{space} = \frac{4\pi {r_{lightyear}}^3}{3} = 3.55 * 10^{48}\ m^3$$

$$d_{space} = \frac{m_H}{V_{atom}} = \frac{1.67 * 10^{-27}\ kg}{1 * 10^{-6}\ m^3} = 1.67 * 10^{-21}\ kg\ m^{-3}$$

$$m_{space} = V_{space} d_{space} = 3.55 * 10^{48}\ m^3 * 1.67 * 10^{-21}\ kg\ m^{-3} = 5.92 * 10^{27}\ kg$$

$$r_{earth} = 6.38 * 10^6\ m$$

$$V_{earth} = \frac{4\pi {r_{earth}}^3}{3} = 1.09 * 10^{21}\ m^3$$

$$m_{earth} = 5.97 * 10^{24}\ kg$$

$$A_{avail} = \frac{m_{space}}{m_{earth}} = \frac{5.93 * 10^{27}\ kg}{5.97 * 10^{24}\ kg} = 9.99 * 10^2$$

Standard scalar artifacts do form in spite of such incredible odds. Evidence is brought to us by the Rosetta mission that discovered glycine and phosphorous on Comet 67P/Churryumov-Gerasimenko [26]. The guiding intelligence that makes convergence persist is not a mystery. Regardless of universal tendency to diverge due to lack of resources or environmental situations, life finds the means to remain scalar. Things are just meant to come together in patterns and it never fails to do so, in spite of odds, as if matter "called" on itself to form specific recipes by design.

Scalar progression, or pre-determined adaptive sequence features, are "built" into string knowledge bases to be so. This will be the focus of our treatise.

[25] en.wikipedia.org/wiki/Abundance_of_the_chemical_elements

[26] phys.org/news/2016-05-comet-glycine-key-recipe-life.html

Chapter 10: *Energy and Intelligence*

In this chapter, we will take a brief step back and establish that everything that exists, every atom, waveform, thought, idea, and sense is composed of vibrant energy. You heard right; every thought and idea. Energy is purpose-driven to do work and cannot be created or destroyed, only altered. It is hence implied that energy carries purpose and intelligence, confirmed by the precise deliverables served by its actions. However, there is a slight correction to our concept of energy and it involves the addition of a specific rate of manifestation on this dimension. That is, energy is not a combustible or kinetic potential but rather a creative manifesting intelligence quotient.

Imagine that we watch a short one second flick about a snowball rolling down a mountain at 30 frames per second. In the projection room, we have precisely 30 separate film slides to show. When we run the projector, we see a snowball fall smoothly for one second unaware that the image was chopped into 30 pieces to lend a continuous visual effect.

Now step back into the string's fourth dimensional projection room. Just as there are 30 frames in the short snowball movie, there are countless individual frequency "frames" that describe physical motion or action.

In our physical realm, energy is recognized as the duty force animating all interactions between matter, forces, and waves but does not describe the energy that composes those artifacts. Science has classified energy into several types (see table below) that the environment as well as man can manipulate, thus altering their designed purpose.

Table 7. *Known Physical Energy Types*

Energy Type	Description
Mechanical	Sum of macroscopic translational and rotational kinetic and potential energies
Electric	Potential energy due to or stored in electric fields
Magnetic	Potential energy due to or stored in magnetic fields
Gravitational	Potential energy due to or stored in gravitational fields
Chemical	Potential energy due to chemical bonds
Ionization	Potential energy that bidns an electron to its atom or molecule
Nuclear	Potential energy that binds nucleons to form the atomic nucleus (and nuclear reactions)
Chromodynamic	Potential energy that binds quarks to form hadrons
Elastic	Potential energy due to deformation of material (or its container) exhibiting a restorative force
Mechanical wave	Kinetic and potential energy in an elastic material due to a propagated deformational wave
Sound wave	Kinetic and potential energy in a fluid due to a sound propagated wave (a particular form of mechanical wave)
Radiant	Potential energy stored in fields propagated by electromagnetic radiation, including light
Rest	Potential energy du to an object's rest mass
Thermal	Kinetic energy of the microscopic motion of particles, a form of disordered equivalent of mechanical energy

Energy as we know it is not the real source behind physical manifestation or work. Behind physical energy, in that projection room beyond pronemos and atoms, vibrant energy currents influence the size, combination, placement, and properties of all matter. And when matter moves, it is vibrant energy that accomplishes it. For example, by pushing a pencil with a finger, it is not finger atoms that touch pencil atoms and cause it to move but rather the vibrant energy properties inherent to both that resolve their common affiliation and work out, through energy and frequency relationships, how fast, far, and at what angle the pencil moves; even if it can move at all. The force in the finger, physical strength, and other mechanical processes are subservient to, and manifestations of, vibrant interdimensional energy patterns.

What are these energy "relationships" we refer to? Simply the oscillating energy payload inherent to one or several strings. We must remember that strings work behind the scenes in higher dimensions and are not physical products.

Our world thinks in caveman standards. The Legacy novel series [27] describes mankind's modern origins dating back some 267,000 years ago. In spite of the passage of time, we are still cavemen subject to physical materia. It's not hard to see why.

Figure 29: Lemuria 265,000 BC [26]

[27] www.rgaetan.com

Much as in caveman days, we still process work by exhausting natural resources. Whatever stands in our way, be it wood, coal, or fuel, we burn it to move gears and make electricity or momentum happen. Nuclear radiation, solar light, waterfalls, all are used to move gears. In short, we incinerate, trap, drop, and smash nature to get a life. Does not sound too advanced when you think about it, does it? After a quarter million years of evolution, man still lives in huts made of dirt and wood, burns nature for comfort, pierces bodies in wars, and eats animals. Time to get futuristic here.

This treatise will refer to energy sources that work unseen and are not measured by physical quantity or purpose, but gives rise to them. Such energy is the motivating force in atoms, sub-atomics, and physical units (length, time, mass, and *G*). We will refer to this energy as causal or source.

Which came first, causal energy or intelligence? Are they by chance one and the same? Since causal energy is a manifesting force, and the instructions that ride on it are intelligent, intelligence is both the message and the force dispatcher, the duty itself, meaning that intelligence is the agent that differentiates causal energy activity. It is that turbulence or activity that sparks pronemo creativeness in this dimension.

"An ocean without turbulence has no waves. Without waves, its surface is lifeless. Likewise, pronemo fields without turbulence have no waves. Without waves, atoms are lifeless."

Without intelligent directive or information waves, dimensional energy is represented by a plain sine wave [28] devoid of any distinguishing properties or purpose; lifeless. Radium for example would not irradiate, heat would not register, and kinetic energy would not have a point of reference. In the ultimate sense, everything we conceive of is composed of several complex differentiating vibrations that distinguish intelligent ingredients. Ingredients exist for every feature of life, be it matter, force, chemical property, or thoughts. Thoughts, being energy, are no different in content from atomic intelligence.

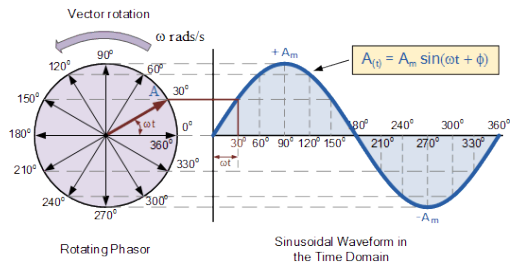


Figure 30: Simple sine waye [28]

By definition, a mind [29] is a set of cognitive faculties including consciousness, perception, thinking, judgment, language and memory. It is usually defined as the faculty of an entity's thoughts and consciousness. It holds the power of

[28] i.stack.imgur.com/gl5es.gif

[29] en.wikipedia.org/wiki/Mind

imagination, recognition, and appreciation, and is responsible for processing feelings and emotions resulting in attitudes and actions. Hence, a mind is a collective set of discriminating, objective, and responsive intelligence.

When we look at the instructions manifested by causal intelligence, we note these engage in reactive or rational interactions with other frequencies or intelligences. In that interaction, though pre-programmed, causal energy can perceive other intelligence channels and prepare a designed response for that channel or frequency, be it harmonic or dissimilar, able to maintain that response in an altered state as well as the original causal energy itself. Were it not so, the response cannot be maintained. Take two keys on a piano. As long as both sound together, the original energy continues to feed the creation of a harmonic. Take the sounding key away and the harmonic response ends. So it is that intelligence persists as long as sounding force is applied the a specific creative energy.

Causal intelligence is a miniature mind, most basic and encoded at that, yet rational and responsive as conscious factors would require it. A mind does not have to be substantial to imply life. Causal energy also has a cognitive feedback mechanism built in, something we will refer to as an "intelligence quotient." Regardless of size or collective complexity, all causal energy is "alive" for what it intends to accomplish. It is conscious, and it is part of a causal mind collective or, if we will, a small "partition" of a greater creative mind that sets forth said quotients.

Whether intelligence is that of an atom, a simple instructional waveform, or an idea, everything is mind for everything is intelligent. The human mind is more scalarly evolved, discerning, creative, and able to alter its immediate physical and dimensional environments. In other words, freedom of choice. We will look at this concept later on which will help explain the nature of reality.

If energy is likened to a medium, intelligence is that mind that defines what happens "with" the medium, and when. Intelligence is comparative by the nature of its contents which are vibrational in nature. It is polar, meaning it is able to adopt vibrations of its choosing whether beneath or above its intelligence (IQ) plane, depending what vibratory "experiences" the mind adopts during its interaction with external energy patterns. Some patterns can be environmentally induced but can also be the result of deeds, desires, ideas, inspiration, learning, recognition, or correction. These interactions give rise to auxiliary IQ or subharmonics that compound already established intelligence in a polar way, evolving the mind either progressively or regressively.

"Polarity is a difference in energy or frequency levels, so there is no such thing as positive or negative, only energy levels."

"It should be obvious by now that what we refer to as a "mind" can very well be a soul, and in fact it is."

Every facet of mental interaction can be compared to the same qualifying process of experience, compatibility and disharmony, trial and error, and collective polarity energy that establishes reasoning energy IQ bias. In other words, what the mind collects affects its eventual polarity (energy level) based on the purpose or IQ of said information.

As previously shown, intelligence is progressively scalar, its instructions fit for a specific purpose. Strings are composed of countless instructions that serve as "activation keys" in nature. When in sync with these keys, forms bond at certain scalar progressive levels where these keys reside. E.g., molecular keys beget molecule formation, those that control DNA structures only function at that level, etc.

"The process of sympathetic linking with scalar level keys is what we refer to as being in compliance with universal law."

String discord impacts the flow and accessibility of time, space and matter, instigating deactivation oscillations that distance regressive minds from string intelligence payloads at given levels. For example, two hydrogen atoms bonding indicates a key resonance. Feeding plutonium to a human body would be a discord.

"Not only does one have to be compatible with a string's IQ to adopt its information, what consciousness syncs with is the world in which it will reside."

"When Jesus said faith the size of a mustard seed will move mountains, he explained the concept of advanced minds that create, maintain, and modify strings. Our minds, being compatible with strings, can do likewise."

Forced opposition to a string's natural intelligence implies repulsion and, as is the case with mind intelligence, the adoption of substandard verity. Intelligence is a critical attribute of this treatise. We should be in search not of energy but the intelligence behind it, though energy will lead us to it, discovering that energy is intelligence in motion**.**

"Since higher frequency begets higher energy, the state of consciousness is that selector dial that prohibits or promotes attunement to higher or substandard energy. Tuning to lower begets less IQ."

In abridged notation, the vectorized product of energy and wavelength as it manifests on this dimension is a function of the total frequency, phase, and string cycle potential for each intelligence packet in the form of an array $(y_0, y_1 \dots y_n)$

such that, for a potential zero there is a frequency zero, potential one with frequency one, etc. The power described by E_s is proportional to intelligence IQ, a term that has no immediate bearing in the physical dimension but means everything in higher dimensions according to mental or mind relationships (interplay between string cycles). This interplay (bearing and concavity) will be discussed later on:

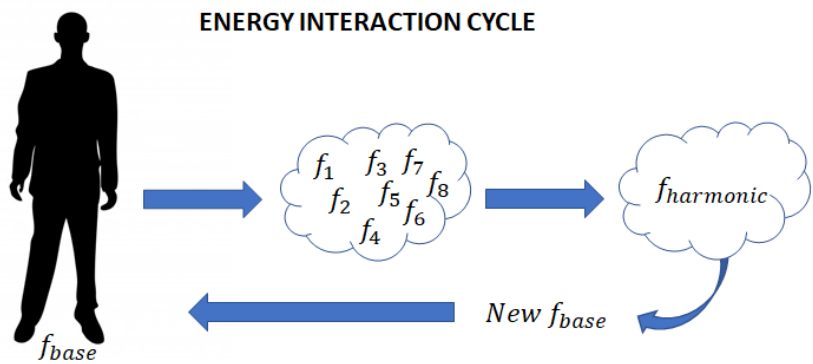
$$\partial E_s \cdot \partial\lambda \in \sum(\partial f, \partial\emptyset \cdot [y_0, y_1 \dots y_n]) \propto IQ_s \{ intelligence\ array: y = potential \}$$

where:

E_s: energy of IQ base
$\partial\lambda$: wavelength manifested in space fabric
∂f: experience frequency bundle
$\partial\emptyset$: phase of frequency potential
y: frequency potential

"Thoughts create string cycles, for good or worse as measured by the experiencer's mental base. That means strings are mind creations. Strings supporting the third dimension are the mind creations of higher more advanced beings."

With the above quote in mind, the following abridged formula describes the resultant polarity bias (higher to lower frequency comparison) of an energy interaction we will call an "experience," or its overall energy potential change and direction. This change can be either positive or negative (higher or lower relative frequency) for a set of frequencies adopted in an experience, seeking a point of equilibrium with the base energy of the experiencer.



In other words, when the base intelligence of an individual interacts with new frequencies or intelligence in an experience, both base and experience frequencies harmonize together much in the way colors blend to create shades

and tints. The end result of this interaction will produce a sympathetic harmonic response or structured comparative reaction between the two. The resultant harmonic response along with the sampled interacted frequencies ($f_x = f_{1,2,\ldots n}$) now become part of the original base like an intelligence packet, causing an elevation or reduction of vibrational rate or energy of the individual's base rate.

In the formula below, "x" represents a subset of an infinite number and types of IQ (intelligent energy frequencies) that are possible and uniquely selected in an experience ($f_x = f_{1,2,\ldots n}$). As experiences f_x (from i to n experiences) interact with the individual's collective base frequency f_{base}, the cross product of these two (base and new intelligence IQs) yields a polarity bias or energy delta for the particular frequency comparison.

When i to n frequency experiences are compared against f_{base}, the sum of higher and lower f_x establishes a new elemental experience base. If the resultant polarity bias is of a higher frequency than base, the base will incline positive, negative if lower. Again, when two frequencies are compared, a higher frequency has higher energy content, meaning it is positive to the lower:

$$\Phi(base, \partial x) = \sum_{x=iq} \binom{f_{x+}}{f_{x-}} ([f_x : i \to n] \cdot f_{base}) \ \vdots \ x \in X_{infinity}$$

where:

f_x: experience frequency
$f_{x(\pm)}$: higher or lower frequency
f_{base}: experiencer's base intelligence frequency collective, common frequency
iq: experience instance or number
Φ: final experience frequency and polarity bias relative to intelligence base
x: specific experience intelligence array within $X_{infinity}$, a subset of possible experiences
$X_{infinity}$: all experiences possible within the individual's collective intelligence

Chapter 11: *Matter Is Universally Standard*

As previously shown, strings are energy units that carry "intelligent" instruction sets and possess specific *IQ* or "recipes" in the form of pulsing energy. These create physical medium "tones" or elements that draw to itself other compatible harmonious timbres, clustering together to form constant universal atomic artifacts of equal consistent string contents. When combined, strings proceed to interact with yet other forms until they form the various physical units we know as atoms, progressively scalar to create lifeforms and universal constructs.

"**Matter's consistency and convergence indicates intelligent design.**"

Nature's variety and artifact magnitude are built upon various scalar levels (described in previous chapters), each composed of countless string combinations. From pristine units to harmonically related artifacts and compound structures, strings lead to the consistent formation of standard atomic forms and series types across the universe that similarly combine to make more complex forms in "scalar progression" or increasingly complex evolving collaboration.

Scalar progression helps us visualize strings as basic resonant energy packets much like DNA genomes that are designed to support standard functional matter components at different creative magnitudes.

Human cells in the body contain the same DNA structures, yet carry out different cellular functions depending on their placement in the body. Likewise, matter contains specific DNA-like energy codes that form specific atoms and particles, interact with other atoms in a standard way, and provide higher bonding functions depending on their collaborative placement along the progressive scale. e.g., the eventual formation of consistent molecular structures on up to amino acids and biological forms is a standard driven by design codes inherent to their most common creative denominator: string instructions.

There is a basic overriding universal theme that conserves not only energy but also convergence. We see it in complex forms when their components bond at precisely required levels, meaning that atoms deploy instruction complement when and where needed. In other words, atoms do not just control how they bond to other atoms but also how they "selectively" place themselves in complex amino acids, proteins, DNA, and so forth. This indicates that harmonic stimulus (frequency bands) control intelligence release points using frequency much like a radio dial or "homing device" that attracts certain atoms and rejects others in their make up matrix.

The atom transmits countless frequency on several fronts much like "energy portals." These portals activate specific "functions" at some scalar level based on interaction with other "portals." Sympathetic resonance between them occurs, and lower forms combine to establish higher expressionary forms; all controlled by these portals like a remote controlled device.

When resonant compatibility occurs, specific frequency bands link and pre-designed payloads (intelligent functions) for that resonance level are deployed. Repulsion occurs when the majority of vibrating forces display phased similitude on a point vector. Otherwise, attraction occurs based on phase or incongruity. The existence of inherent atomic forces such as gravitational, EM, strong, and weak can be resolved into simple harmonic relationships that activate at specific frequency bands. These bands are similar to octaves on a piano. Low "C" regenerates sound harmonically at open high "C." This high "C" will not resonate unless it is "keyed" for activity. Likewise, scalar portals activate by keying the right resonant response for that level.

In the relationship below, (x,α) represents a waveform at phase α. (y,β) is another waveform at some phase β. These give rise to force F vectors that effect energy response. Energy exchange between two waveforms of differing phases and direction determines a resultant force vector over a resultant distance and equivalent charge:

$$\Delta\vec{E}(\partial x,\partial y) \cong \frac{\partial\overrightarrow{\varphi_\alpha}\cdot\alpha}{\partial x_\alpha}+\frac{\partial\overrightarrow{\varphi_\beta}\cdot\beta}{\partial y_\beta}=\frac{\Delta\vec{F}(\partial x,\partial y)\cdot\Delta(\partial x,\partial y)}{\partial q_{(x,y)}}$$

If the sum of force vectors for each waveform product opposes energy vectors, "harmonic incongruity" or attraction results (may be caused by phase offsets that control attraction force). Otherwise, similar energy vectors create "harmonic similitude" or repulsion:

$$\sum_{x=0}^{n}\frac{\vec{F}_{(x,\alpha)}}{\partial q_x}\partial x \equiv -\sum_{y=0}^{n}\frac{\vec{F}_{(y,\beta)}}{\partial q_y}\partial y$$

$$\Delta\vec{E}_{(x)}\theta_{\frac{\pi}{2}} \rightarrow\leftarrow \Delta-\vec{E}_{(y)}\theta_\pi \quad \{harmonic\ incongruity, attraction\}$$

$$\sum_{x=0}^{n}\frac{\vec{F}_{(x,\alpha)}}{\partial q_x}\partial x \equiv \sum_{y=0}^{n}\frac{\vec{F}_{(y,\beta)}}{\partial q_y}\partial y$$

$$\Delta\vec{E}_{(x)}\theta_\pi \longleftrightarrow \Delta\vec{E}_{(y)}\theta_\pi \quad \{harmonic\ similitude, repulsion\}$$

Oscillating energy patterns attract and repulse by their numbers, polarity, phase, frequency settings, and oscillatory bands, creating a resultant equilibrium

vector $\Delta\vec{E}_{(x)}$ that has direction, scope of influence or potential, and velocity in our dimension. This takes place at different responsive frequency bands much as the electromagnetic spectrum [30] has different functional wavelength bands such as light, heat, radiation, etc. For example, an atom may be harmonically activated to emit photons, or x-rays, depending on the frequency portal key introduced. Such portals are the bands we refer to:

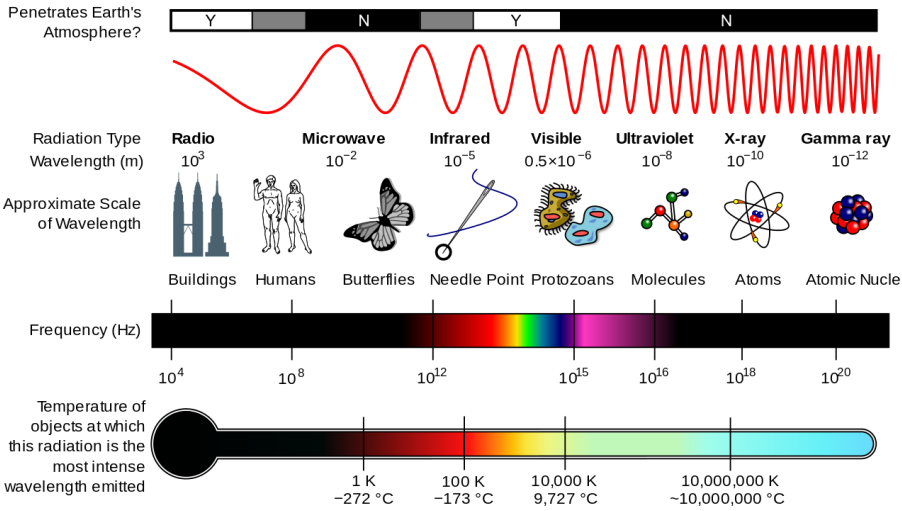
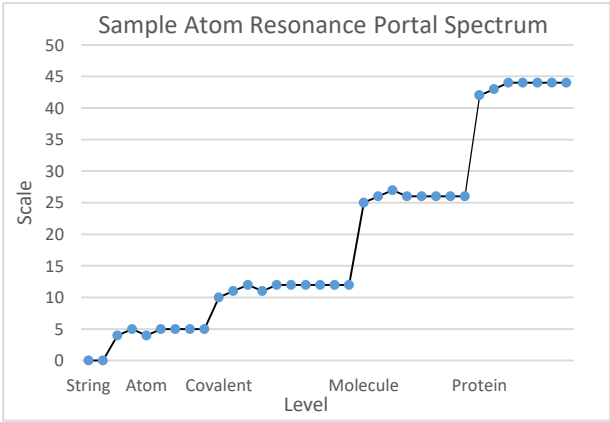


Figure 31: Electromagnetic spectrum [30]

We must keep in mind that electromagnetic radiation is a type of synchronized energy chain where magnetic and electric vectors are aligned. Atoms have any number of charge potential and frequency ($f_p = 3 * f_e$), no set synchronicity.



The chart to the left shows an imaginary vibratory band or scale, and at what frequency spectrum certain level functions are activated by factors such as temperature, proximity, or electric interference.

In support of scalar convergence, strings contain an instruction frequency spectrum that

[30] upload.wikimedia.org

activates at target scalar levels as explained above. This is separate and not to be confused with the electromagnetic spectrum which shows inducted wavelengths from other energy sources and velocities. For example, say a string's harmonic spectrum uses only certain spectrum bands to manifest an atom, leaving other constituents unused. For a higher form, say the bonding of that atom into a molecule or protein, might require activating previously unused string bands or portals.

The interaction of strings with one another, and the availability of intelligence spectrums at a specific molecular zone or set of conditional properties, will determine what resonant frequency bands are activated. Hence, determining scalar level. This activation is seen in nature in what is termed frequency relationship, harmonic attunement, or response attained when energies interact. Relationship building and adequate response activation is standard to its environment. Intelligence is thus conversant and triggered at various scalar levels by resonance.

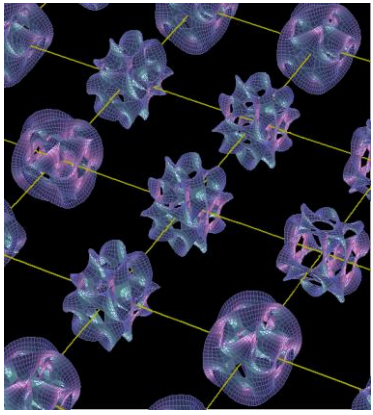


Figure 32: Strings in action [31]

Scalar progression has its beginnings in an environment beyond [31] physical dimensions. To conceive this foreign environment, we must subdivide our analysis by considering the nature of intelligence and, most important of all, understand the concept of central energy repositories. We will describe repositories later on. Overshadoing these concepts is the grand scope of creative artifact universality and string pattern omnipresence; omnipresence meaning simultaneously all the same, everywhere, and anytime.

Since strings carry out a service, they are therefore intelligent. They have the ability to infer information or standard patterns at different scalar levels as previously described, and retain it as instructions to be applied toward adaptive behaviors within an environment or context. Each string's frequency is an intelligence quotient (IQ) with relative potential to link to other frequencies within the closed string circuit.

"Strings are "subject matter experts" of a specific functional intelligent recipe that is both tailored and preserved by their environment."

$$\Delta iq_s = \Delta E_x \in F\left[\sum_{x=0}^{n}(f_x, \emptyset_x)\right] \cdot \sum_{x=0}^{n} \vec{R}_x \{ \omega_1 \mid \omega_2 \mid \omega_3 \dots \omega_n \}$$

[31] thumbs.mic.com

$$IQ_s = \sum_{x=0}^{n} iq_x \ \{ R_y: scalar\ resonance\ (string, atom, molecule, DNA, cell, etc) \}$$

In the formulas above:

E: energy, limited in engagement scope by resonance factor $\vec{R}_x$

F: force, contains any number of frequencies f_x interacting at a variety of phases $\emptyset_x$

ω_n*:* harmonic portal or relevant resonant level

Δiq_s*:* intelligence quotient created by a pulsing energy element *F*

IQ_s*:* quotient conglomerate that describes a resultant ingredient, form, expressive intelligence, or matter as a function of a string's frequency spectrum

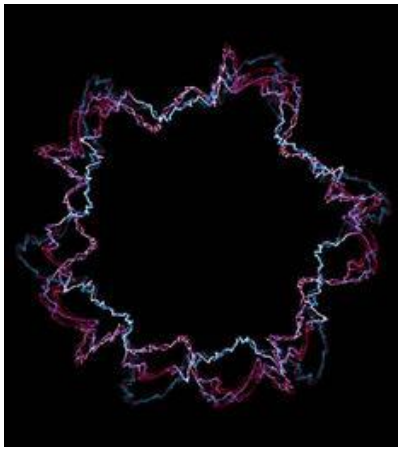


Figure 33: Fourth dimension string [32]

Each "*iq*" is an element or ingredient, integrated with other *iq's* to create an *IQ* recipe for a scalar resonance level(s) *R(y)*. Resonance is like atomic valence that bonds to other strings using frequency levels. Valence is only a by-product, resonance does the real bonding work.

iqs can be likened to genetic "codons" while the string an RNA sequence divided into zones that determine scalar recipe activities much like a cell.

Intelligence "bonds" or attracts to strings [32] according to compatible resonant levels engaged, creating compound string products based on "knowledge symmetry." Strings are therefore the physical building blocks of matter. And since subatomic particles and atoms are convergent, the source of creative purpose and manifested intelligence (strings) is also convergent or universal.

So, what is a string then? In simplest terms, it is a dimensional system that contains a number of frequencies of varying energy amplitudes, rates, and phases. These regenerate by the nature of their harmonic stability in cyclic regenerative state, indestructively conserved. Once manifested in our dimension, strings sequentially and repeatedly discharge their instructional payloads, energy patterns that resolve into what we know as "mass," time, and space.

As previously mentioned, this treatise suggests that strings be considered a type of mitochondrial instruction sequence due to their functional intelligence payloads which are divided into scalar zones (though may not be clearly defined), *iq* genomes, and "repeatable" codon patterns whose frequency combinations provide reality properties for the structured universe.

[32] www.zidbits.com

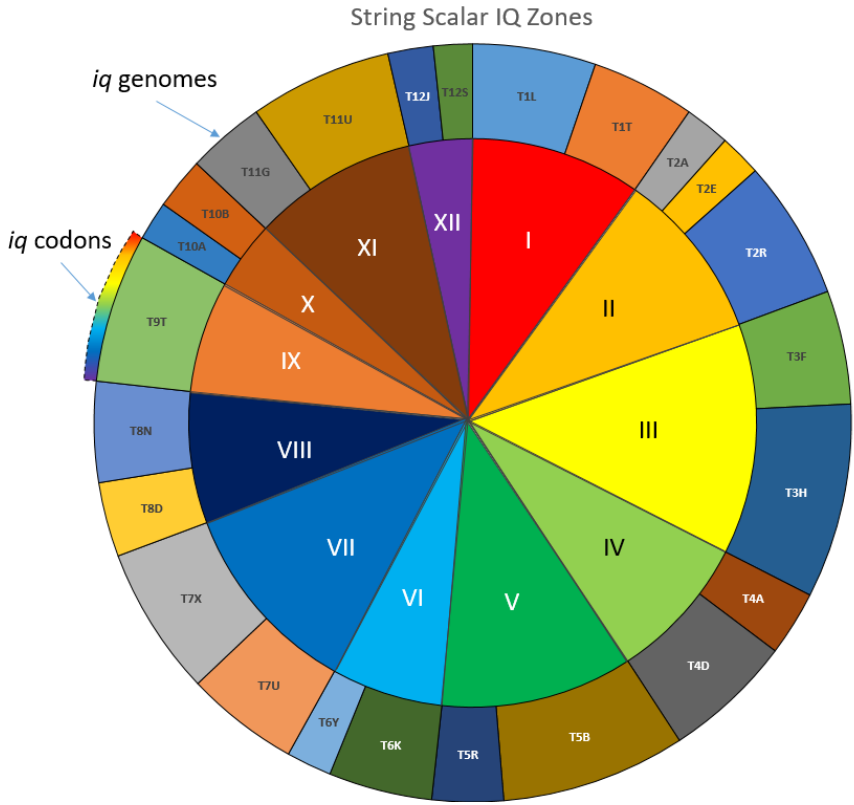


Figure 34: Scalar progression zones and iq

We need new math to describe dimensional energy interaction on our plane, something I will attempt to describe in the following pages. I will base this new math on inspired geometry and uni-term derivation (strictly energy and geometry, nothing else), given that physical terms for time and space do not exist in higher dimensional planes.

Chapter 12: *Fourth Dimensional Science*

Fourth dimensional science (4DS) is a proposed dimensionless science conceived in the spirit of Pythagoras. It is primarily governed by frequency, geometry, symmetry, energy, and motion vectors. It does not deal with particles or mass but is responsible for their expression according to virtual space concepts. It deals with energy, frequency relationships, and resonance, but wavelength and velocity are only assumed by-products. 4DS is an introduction to conceptualizing virtual atomic energy sources in their purest states and how they manifest, setting the foundation for measurable universal standards.

In theory, geometric shapes resonate according to modal vibration, geometric medium size does not matter, and resonance ratios are always the same. Our challenge is finding resonance with minimal terms; the basis for 4DS theory.

Let us look at a hypothetical string model, not a physical artifact but a virtual circular space manifold, a closed loop system based entirely on energy and its pulsing structure—no particles, mass, space, time, or relativity effects, just pure vibrant energy and rates.

For sake of simplicity, consider a hypothetical string as a closed circle, keeping virtual manifold constructs in mind. This circle can be considered the base carrier for any number of superimposed frequencies on it, but for now we will restrict our analysis to just the carrier.

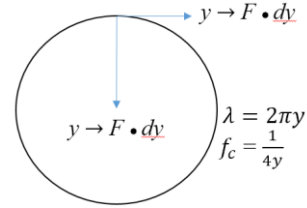


Figure 35: Circular 4D waveform

The string, being a circular waveform, has a circumference defined by the wave's positive and negative potential phases superimposed atop each other, thus forming a circle. This carrier has an energy potential "y" (*divergence*), rotational frequency "f_c" (*divergence* proportional to time), and circular size of wavelength "λ" (*bearing: divergence* proportional to wavelength). Time and charge do not exist on this circle, but time is assumed for determining a value for frequency.

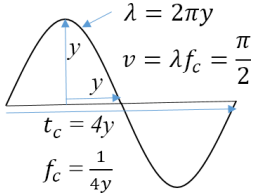


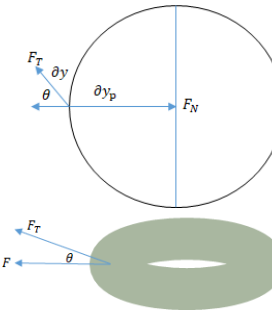
Figure 36: Linearized 4D waveform

In theoretical 4DS terms, radius, time, and energy potential are all interchangeable, implicating a lack of time dimension in this virtual environment. As time implies energy change rate, frequency f_c is derived from the waveform's linear potential axis where $t_c = 4y$ (four times radius y), frequency the inverse of time.

An imaginary velocity vector "v" is derived from the waveform's inherent motion given by λ and f_c. "v" will be pivotal to our work. As shown by the following formulas, circular geometry resolves v_c as a vector 90° ($\frac{\pi}{2}$) perpendicular to the

bearing's plane (see v_i to v_l below). This is a toroid force vector F, not velocity, circumscribing each point along the circle described by:

$$F = \overrightarrow{F_T} \int_{y=0}^{2\pi} \frac{\partial y \sin(\theta)}{\partial y_p} + \frac{\pi}{2} \overrightarrow{F_N}(\partial y_p)$$



where:

- F_N: normal force toward string's center
- F_T: toroid force vectors perpendicular to string's circle, shown at angle θ from circle's plane
- θ: angle for F_T
- ∂y: potential for the normal force around the circle, carrier's piggy-back frequency amplitude
- ∂y_p: potential to circle's focal point (*divergence*), gives rise to Lorentz electromagnetic force equivalent on point charge at the center (*concavity*)

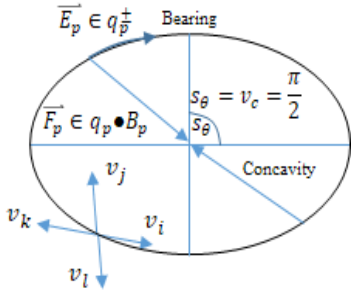
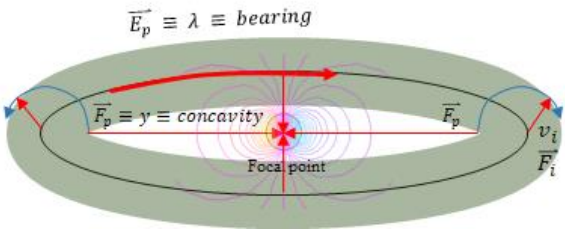


Figure 37: 4D waveform components

The string's circumferential rotation or its angular vector produces the following physical phenomena (at the focal point):

- Rotational *bearing* along "λ" produces the equivalent of electric force $\overrightarrow{E_p}$
- *Bearing* force F_T perpendicular to the circle promotes creation of a toroid structure
- Centripetal *concavity* acting on $\overrightarrow{E_p}$ along divergence force $\overrightarrow{F_p}$ produces the equivalent of magnetism B_P

From this model, we see that the string's *bearing* creates a force 90° to the circumferential plane like a magnetic toroid swirling about the *bearing*. It also creates a rotational whirlpool effect upon a central point where *concavity* meets:



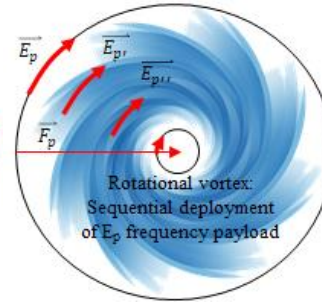


Figure 38: 4D wave force components

$$\vec{F}_T = \sum_{i=0}^{2\pi} F_i \frac{y_\theta}{y_p} \quad \{ F_T: toroid\ forces\ about\ bearing \}$$

As *concavity* pushes inward, the *bearing*'s payload is hence replicated inward ($E_{p\prime}$) creating several wake patterns.

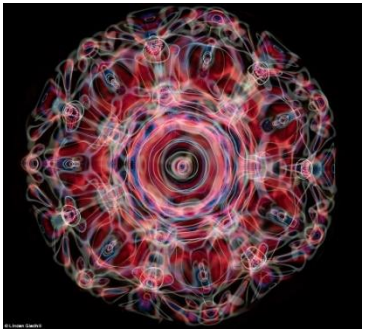


Figure 39: Concavity wakes [33]

[33] *Concavity*, 90° to *bearing*, gives rise to a whirlpool effect that, at its focal point, induces demodulated sequential unification of both fields at the physical level:

- Whirlpool motion to/from the center creates time factors by nature of alternating energy wakes and polarity collisions at the center. Wakes contain piggy-back frequencies (f_x) copied from the carrier or string's *bearing* by centripetal force action

- At whirlpool rotation minima (the string's center) *bearing* energy transfers to the third dimension at $\lim_{y_p \to min}(y_p)$ where t_x assumes physical sequential manifestation:

$$t_x \cong \lim_{y_p \to min}(4y_p) = y_{min}$$

- *Bearing*'s f_x complement transfers into a single sequential packet at the center, giving rise to wavelength λ_x in the physical plane. "x" is used as a speed reducer:

$$v_x \cong \frac{\pi x}{2} \ \{ v_x \ is \ computed \ below \}$$

$$\lambda_x \cong v_x \cdot t_x = \frac{\pi x}{2} \cdot \lim_{p \to min}(4y_p) = \frac{\pi x}{2} y_{min}$$

"*Bearing* yields time through compaction of *concavity* wakes, wavelength through its rotation and payload."

As a power exercise, if we make $v_x = c$ (a known value) for the dimensional crossover moment, we can back solve for a proportional minima y rate at some ripple/wake constant "x" (wavelength reducer, assumed equal to speed reducer), understanding that light speed changes for every "time zone" in space (to be discussed later). y's value is obtained further down in this chapter:

[33] www.lindengledhill.com

$$t_x = \frac{\lambda_x}{v_x} \cong \frac{\pi x y_{min}}{2c}$$

$$v_x = \frac{\pi x}{2} = \frac{\pi x y_{min}}{2t_x} \quad \vdots \quad t_x = y_{min}$$

$$c = \frac{\pi x}{2}\left(\frac{y_{min}}{t_x}\right) = \frac{\pi x}{2}$$

$$x = \frac{2c}{\pi} = 1.91 * 10^8 \ \{reducer\ constant\}$$

Assuming a flat value for physical energy potential of "1," the original dimensional string energy factor is $1.91 * 10^8$ times greater than that of physical.:

$$y = y_{min}x = 1 * \frac{2c}{\pi} = 1.91 * 10^8$$

From the above computation, we see that the *divergence* term y and y_{min} are interrelated by a constant. The wavelength/speed reducer "x" is also a constant: $\frac{2c}{\pi}$. These values should help compute transition vectors between dimensions in the future.

As an observation, note that whirlpool rotation and wake frequency may not always be in sync, creating different time packets depending on the number of wake patterns in a rotation. In short, payload and rotation may not be in sync at the crossover point.

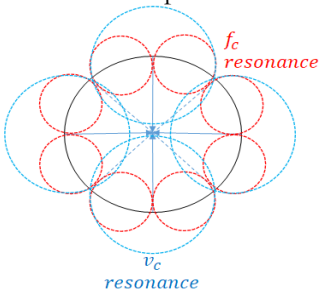
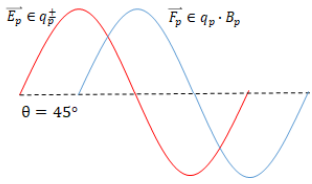


Figure 40: 4D resonance

As we will see below, frequency computes to a fourth of inversed potential, or an eighth of the energy waveform at 45°. These results show two geometrically harmonic resonant points or "quantums" equivalent to v_x at 4 and f_x at 8.

Frequency leads the whirlpool at a 45° angle (electric field), while by-product velocity (magnetic field) induces centripetal force at 90°. This means that the normalized sync dependcy for energy deployment into our dimension is not electromagnetic but "phased" at 45°. Electric field vectors lead magnetic by 45°.



For every quarter wave velocity v, there are two active resonant frequencies f_c. This indicates that velocity v_c is a third generation resonance created by the string's second generation f_c pulses. Again, there are no physical dimensions involved, only geometric resonance. And now, the geometric math.

Given that energy is proportional to frequency, an energy conversion constant "k" is introduced. We compute total system energy by taking total amplitude area on both phases, positive and negative, against already established wave frequency functions. Being that the waveform is circular simplifies this computation. Note: these are relative values drawn from energy symmetry but have applicable roles and values when crossing over to the physical plane. e.g., force and gravity are inversely proportional to charge and mass on the physical.

$$v = \frac{\pi}{2}$$
$$E_t = kf_c$$
$$E_t = 2\pi \int_{x=0}^{n} y_{(x)} = \pi y^2 = \frac{k}{4y}$$
$$E_t = \pi y^2 = \frac{k}{4y} = \{ y \cdot \lim_{q \to 1}(q) \}$$
$$k = \frac{4}{\pi^2}$$
$$y = \sqrt[3]{\frac{k}{4\pi}} = \frac{1}{\pi}$$
$$\lambda = 2\pi y = 2$$
$$f_c = \frac{1}{4}\sqrt[3]{\frac{4\pi}{k}} = \frac{\pi}{4}$$
$$E_t = F \cdot dr \rightarrow F = \pi y$$
$$\pi y = \frac{mv^2}{y} = \frac{m\pi^2}{4y}$$
$$m = \frac{4}{\pi^3}$$
$$\frac{F}{dr} = \frac{V}{q} \rightarrow \frac{\pi y}{y} = \frac{V}{\pi y} \rightarrow V = y\pi^2$$
$$V = \left(\frac{1}{\pi}\right)\pi^2 = \pi$$
$$F = mg = \pi y = \frac{4}{\pi^3} g$$
$$g = \frac{\pi^3}{4} = \frac{1}{m}$$
$$F = \frac{Vy}{q} = \frac{1}{q}$$

The system's total energy system E_t is proportional to frequency, but also centripetal potential y as charge "q" has no value and approaches "1." We solve for y (waveform's energy potential and centripetal force vector) using previously derived geometric relationship for frequency in the sine wave graph above.

Interestingly, energy potential y resolves, just like velocity, to a constant. Likewise, the carrier's frequency also resolves to a constant. These are energy "quotient" units as previously described. Thus, energy potential, frequency, resolved wavelength and velocity are all constants in a dimensionless geometric environment.

Moreover, it is apparent that strings are perhaps all "alike," but differ only by the frequency payloads that ride on them. The model portrays a "gravitational" factor by its centripetal nature which implies a "funneling" effect toward the center of its energy payload.

The energy system's *bearing* rotation describes a vortexal spiraling effect as it nears the third dimensional crossover point. This is not a one-way trip, creating a feedback mechanism much like pond feedback wakes.

As the oscillatory system sends wakes to the focal point, feedback wakes return back to the *bearing* waveform, thus ensuring that the system's framework is conserved. This establishes a double helix system, energy send and receive patterns, that ensure energy conservation and form regeneration.

Since there is no mass in 4DS terms, only symmetry, there is no force or energy loss in this system, meaning that energy is conserved timelessly. It is of interest to note that, in terms of physical manifestation, gravity resolves as the

proportional inverse of mass, while Force is the proportional inverse of charge. Since these physical manifestations are not part of the fourth dimensional system, there is no friction and thus infinite conservation.

The following table hosts values derived from theoretical waveform geometry shown above:

Table 8. *Derived 4DS Cycular Values*

Constant	Value
y	$\frac{1}{\pi}$
$x_{reducer}$	$\frac{2c}{\pi}$
v	$\frac{\pi}{2} \rightarrow 90°$
k	$\frac{4}{\pi^2}$
λ	$2 \rightarrow diameter$
f_c	$\frac{\pi}{4} \rightarrow 45°$
F	$\pi y = \frac{1}{q}$
m	$\frac{4}{\pi^3}$
V	$\pi \rightarrow 180°$
g	$\frac{\pi^3}{4} = \frac{1}{m}$

Chapter 13: *Spherical Configurations*

For the remainder of our discussion, we will redefine terms already presented above:

- Bearing: carrier wave slope, exhibits electric field and charge polarity. Hosted frequency average represents physical rotation and wavelength at focal point. Recipe waveforms riding on the carrier are sent as wakes by *concavity* to the string's center in the form of instruction packets. *Bearing* and *concavity* cycles may not be in resonant sync
- Concavity: centripetal force, propensity to align harmonically with other strings, sequential time and magnetism. Represents chemical and interactive properties on the physical plane. It is a conduit force or funnel that transfers *bearing* frequency recipes to string's focal point like wakes on a water-filled barrel struck on its side, and processes returning feedback wakes from same
- Divergence: energy potential or current y (circle to focal point distance), equivalent to degrees of mass and energy on the physical plane, activating Lorentz forces in cyclic magnetic fields

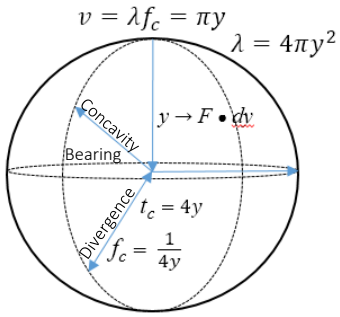


Figure 41: Spherical 4D configuration

For a fully breathing feedback vortex system, spherical strings are the ideal shape. The following formulas change slightly by adding an energy term. Assuming that the energy feedback time is still symmetrically the same ($4y$), we solve for the following terms.

For spherical configurations, the system's total energy is also proportional to frequency. Divergence y remains as the waveform's energy potential and centripetal force vector.

$$\lambda_{area} = 4\pi y^2$$
$$f_c = \frac{1}{4y}$$
$$k = \frac{12}{\pi}$$

$$y = \sqrt[4]{\frac{3k}{4\pi}} = \sqrt{\frac{3}{\pi}}$$
$$v = \sqrt{3\pi}$$

Divergence y resolves, just like velocity, to a constant. Likewise, the carrier's base frequency and yielding mass also resolve to constants; refer to energy IQ "quotient" units previously described.

Potential, frequency, resolved wavelength, velocity, and mass are all constants in a dimensionless environment. These collapse into and are controlled by the system's energy potential y, and are omnipresent everywhere along the spherical waveform.

$$f_c = \frac{k}{4}\sqrt[4]{\frac{4\pi}{3k}} = \sqrt{\frac{3}{\pi}}$$

$$\lambda = \pi$$

$$m = \frac{4}{3\pi}\sqrt[4]{\frac{3k}{4\pi}} = \sqrt{\frac{16}{3\pi^3}}$$

For spherical objects, the wavelength's sync point is the object's hemisphere or 180°.

To conclude, string shape determines amplitude, which determines frequency and force.

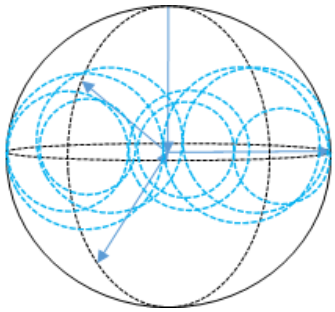


Figure 42: Spherical resonance

In a sphere, resonant points are mysteriously complicated and not as straight forward as a circle. These resonances, as shown in the spherical diagram to the left, are fractions of degrees from a full circle or close multiples of π, implying that they regenerate within the sphere seeking harmonic symmetry. For example, the velocity vector equates to 175.8°, taking countless harmonic iterations before achieving closure to 360°, if ever. This means final electric and magnetic components will not be perfectly synchronized on the earth plane, yet imperceptible by the nature of the high relative rates these manifest in.

These are single *IQ* unit figures, simplistic. As base strings acquire or assume other *IQ* energy patterns in the thousands or millions, more complex harmonic relationships are required to account for all the vibratory contributions of the final recipe. This final recipe is a conglomerate of potential energy frequency payloads integrated into the overall closed string system. The integrated sum of these frequencies produce the illusion of mass [34] which are defined in part by spectral and other band lines.

String energy is greater than the artifact's manifested energy (Power, the rate of energy generation). String(s) do not deploy their full energy payload all at once, but over a period of time as designed. Besides Power and Work, energy also has an "Endurance" factor relative to power delivery rates in the entirety of its lifecycle; Power release over time.

Let us assume that light from a star has endured 10 billion years. This is an endurance factor or "burn rate" built into the overall 4D energy budget of that star, delivered in limited packets and controlled by centripetal wakes and *bearing*. Were that not the case, the physical object's light would be released in one instant and be done with it. The endurance budget is maintained for the intended lifetime of release. In addition, the light energy released by the star will endure through the cosmos long after the star has expired until it becomes part of another energy conglomerate, meaning the original string has lived out its manifestation lifecycle but enters into a new endurance phase where individual emission sub-lifecycles continue to propagate and become part of other string cycles.

[34] scitechdaily.com

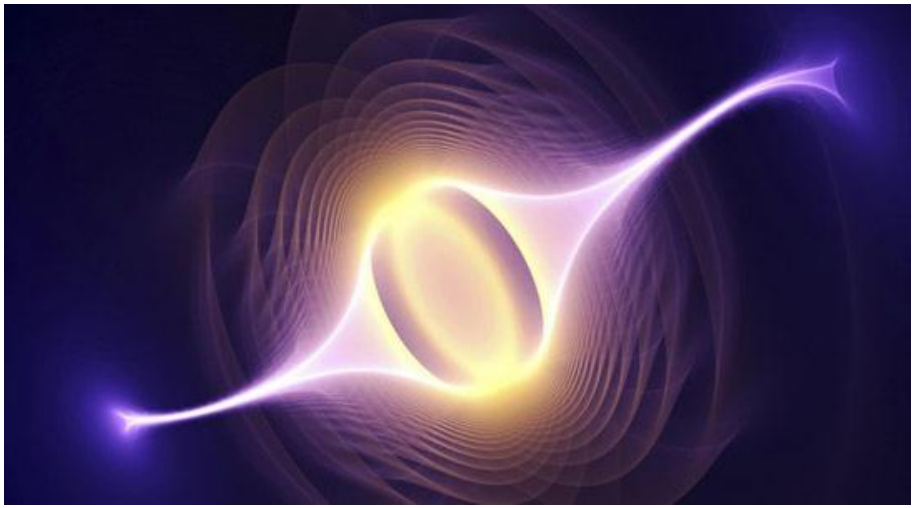
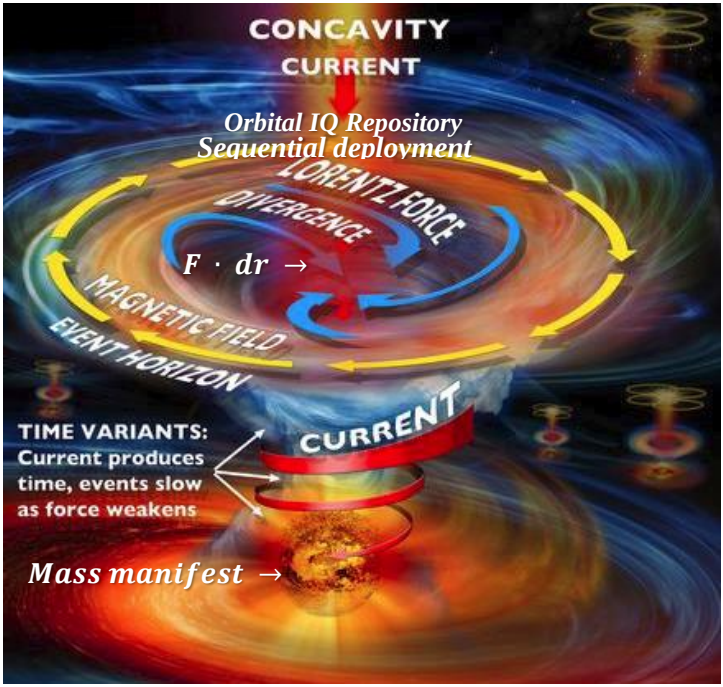


Figure 43: Concavity wakes in demodulated physical form [34]

The following picture represents a simple rotating energy string deploying its geometric quantums sequentially into physical mass-producing space:



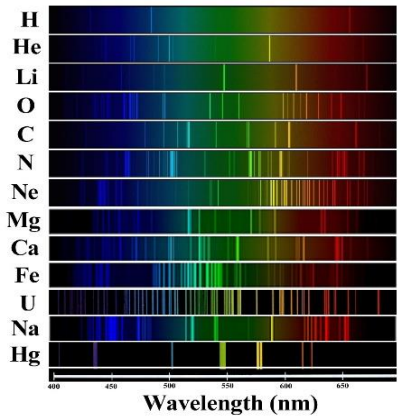


Figure 44: Spectral portals [35]

The picture to the left [35] shows the universal spectral resonant response for specific atoms, their fingerprints per say. Spectral frequency lines tell an important story about what produced them and stand as key master portals for purposes of scalar resonant activation. They stand the test of universal time and distance, implying that atomic portals result from consistent string interactions, their resultant waveforms shown as spectral lines.

Being universal in nature, strings must have a central source whence they obtain each atom's specific brand recipe, an atomic configuration database of sorts that controls atomic standards, placement, and endurance irrelevant of time and space. This repository cannot be physical due to universal consistent spread, but is rather dimensionally "shared." We will call the mechanism that creates strings and provides the necessary energy potential to push them as waveforms into the physical plane a "central repository" or "vortex."

String repositories provide isolation from other strings, keeping ingredient purity intact while interacting with others before embedding into the intended environment. That is not to say that pure strings themselves are not the resilient outcome of dimensional activities before these become pure at their stage of existence. Yet another reason atoms are not physical but designed and dispatched from dimensional perspectives. This implies that string isolation is achieved by residing in their own dimension, a basic precept of string processing. If strings are unique to specific dimensions, then dimensional begets physical and not the other way around.

35 www.geneseo.edu

Chapter 14: *Energy, Soul, Mind and Consciousness*

"Knowledge of universal law is of no meaningful consequence unless it is abided-by fittingly and measures relatively to what we are, how we function, and what our purpose is."

"Truth is what it is, factual and accountable onto itself, and needs no emotion to be right."

This chapter begins with a touch of philosophical insight because we will need it. To reflect upon the intellectual journey we are about to embark upon, we need inspiration from reflective quotes such as those above to help elucidate what many consider at times to be forbidden concepts, for one or another reason not always well validated; soul, mind and consciousness.

The meaning of "soul" is brought to us by the Greek word for "breathe," a word that inspired numerous religions in the past including Judaism. Related to the word "mind" and "intellect," soul or breath implies the occurrence of "mental" abilities in a living being: reason, character, feeling, consciousness, memory, perception, and thinking.

If we refer back to previous chapters where we discussed intelligence and how vibrant energy contains intelligent instructions, we established that all energy is a "mind," a perception mechanism reactively aware of adjacent energy patterns, one that reasons with and provides pre-determined and consistent responses at different scalar levels (atomic, molecular, etc), acting as a minute most basic type of mind. In other words, it "behaves" differently depending on the environment or adjacent constructs. Therefore, vibrant energy is "conscious" by the nature of its consistent, reactive, and sensing qualities, from atomic to galactic settings. Not as intellectually developed as a human, but fractionally nevertheless.

One might ask, where does this intelligence and mind factor come from? If humans have an evolved sense of IQ or mind, inclusive of the adoption of countless micro-IQ energy expressions collected over the eons (a comparative learning process), and all matter is composed of intelligent mind energy, an evolved mind is therein a collectively evolved energy intelligence. As we see cognitive reactions take place in nature, matter, and energy, it can then be understood that the evolution of natural mind enclaves through collective experience is a hint to the nature of intelligence. In other words, intelligence is the source of all creation on micro and macro scales.

Just as we witness scalar progression in our realm and categorize intelligence affinity as far as we can see, we must venture beyond the limits of our self-imposed scalability and realize that creative intelligence reaches into infinity. As

a matter of principle and to clarify our scope of consideration, if we conceive all of infinity, can it henceforward remain infinite, or was our conceptional scope finite from the beginning? Such is the nature of intelligence, never ending, infinite, timeless. In the narrative that follows, our concept of infinity must be assured as it applies to endless scalar progression.

I respect and have much to learn from scientific and theological points of view. In so doing, I note absolutely no difference between spirit and energy, these being one and the same; the force that makes up atoms, space, and thoughts. Mind, soul, energy, all are as one. Let us consider the following beliefs before passing judgment on the whole of soul and energy; critical rational factors to keep in mind:

- The body contains and stores intelligence. This cannot be because:
  - The number of brain cells, treated as 8-bit words, renders the brain as a 2.5 Pbyte hard drive
  - DNA has 22,000 genes, able to store 2,750 bytes of information
  - Each eye gathers 7Mbytes of data per visual snap at a rate of 30 snaps per second, filling up the brain in about 1.65 hours
  - If the soul is in the body, was it originally spread across the cosmos in atoms that eventually joined to make that body?
  - Does the atom contribute to the intellectual being, or does the being gather atoms unto itself?

- Spirit is a gift from God, not of earth:
  - If God created spirit with "breath" of life, does it not contain His own intelligent energy or what He is? Are not atoms and soils composed of that same godly energy?
  - If God creates spirit in the form of an energy body, what reason does He have to create some souls with greater aptitude and saner tendencies than others?
  - If God picks a soul's IQ quotient, is He discriminatory?

- What and where are you really?
  - If spirit exists, where is or was your spirit or energy body all along? Was it in atoms, or some spiritual realm?
  - Where did it assume reactive intelligence from; atoms, or by adopting energy comparisons through the eons?
  - If we gather all the elements contained in a human form and blend them together, why do these not demonstrate human intelligence? Does human intelligence come from experience instead of atoms?
  - How did spirit get into the body and from where? If we are not from here, where is there? How did you come to be here and how do you return there?

These are philosophical observations. In so far as the body's capacity to store an untold number of experiences and recall them, the answer is: no, insufficient capacity. Thoughts do affect body, DNA constructs, and physical tendencies, but experience is not stored in the physical. Rather, in dimensional realms as part of the fourth dimensional unified field. The soul is an evolutionary manifold or experience container, a personal extension of creative energy, a copy of what it learns from infinity.

The body is an instrument the soul assumes or links to by frequency relationship much as we don clothes that fit to our liking. The body is mostly empty. Its mass to space ratio is in the millionth billionth range. Using the top three most common atomic radii in the body, we calculate the body to atoms ratio b_{ratio}:

$$b_{ratio} = \frac{v_{body}}{v_{atoms}} = \frac{3v_{body}}{4\pi} \sum_{x \to \{h,o,c\}} \frac{1}{n_x\left({r_p}^3 + {r_n}^3 + {r_e}^3\right)} = \frac{9.5 * 10^{-2}\ m^3}{1.02 * 10^{-16}\ m^3} = 9.31 * 10^{14}$$

where:

$\{h, o, c\}$: hydrogen, oxygen, carbon atom radii
n_x: number of atoms for atom "x"
$\{p, n, e\}$: proton, neutron, electron radius
v_{body}: human body volume

Table 9. *Number of Atoms per Type, Most Found In The Body*

Atom	Protons	Neutrons	Electrons
Hydrogen	4.6E27	0	4.6E27
Oxygen	1.4E28	1.4E28	1.4E28
Carbon	4.2E27	4.2E27	4.2E27

To give an idea of just how not-so solid we are, if your body possessed the comparative volume of a 3,000 $sq\ ft$ or 279 $sq\ m$ home, the part of you that's solid would be the equivalent of half the size of a grain of sand. The body and all physical objects exist in environments filled mostly by empty space. We will look into intelligence conglomeration in later chapters.

The soul, composed of causal energy, must obey the same laws of energy transference between dimensions as atoms. Just as strings pulse in and out of the physical plane, so must intelligence. Something else to consider. If natter is dimensional and manifested by energy packets, then our bodies are also not physical. Likewise, the body's intelligence base cannot be physical and must be composed of dimensional intelligent energy as well.

Having established that soulic intelligence does not originate from the body, we must realize that it comes and occupies the body during its lifecycle. But if the intelligence is not from here, then it cannot stay here. It must return to its

energy conglomerate realm whence it came, then return in lifecycles for development reasons given that physical energy cannot be destroyed, only corrected. Experiences lived here must be corrected here. The concept is more complex than this, but that is the basic philosophy behind it.

Given that all energy interactions take place in dimensional planes and demodulate to our plane via interacting string artifacts, dimensions are the source for intelligent expression and the soul's residence.

The soul is composed of the same architecture or schema as atoms. Likewise, it follows the same energy relationships and has its own isolated repository or vortex that internalizes all intelligent experience or waveform energy interactions. We will call that repository of energy experiences or vortex the "soul" which is also a dimension unto itself.

Chapter 15: *String Vortex Symmetry*

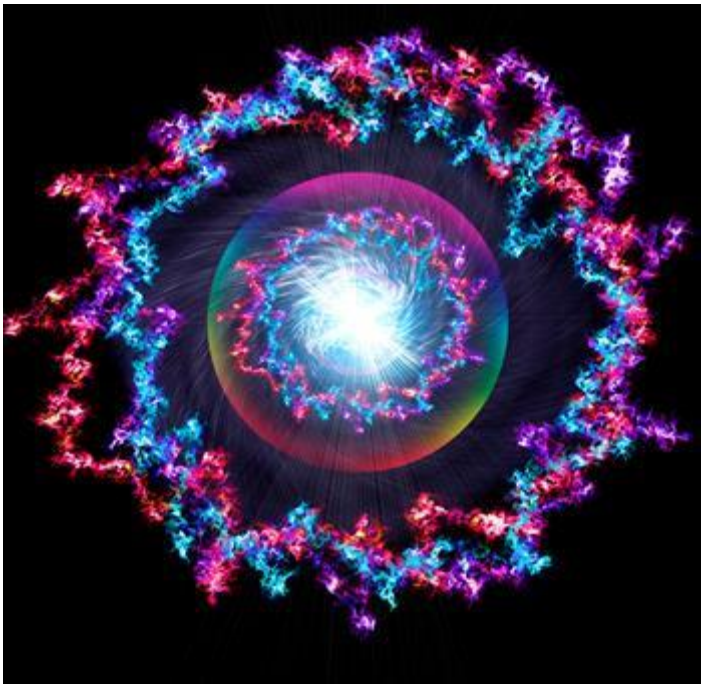


Figure 45: 4D double helix and crossover point

String symmetry is vital to any type of physical manifestation. It is the force that helps deliver ring energy payloads in sequential manner to the physical microcosmic level as a function of oscillating forces bearing upon its medium, elastic energy conservation and equilibrium. Hence, the illusion of time.

Just as objects have a center of mass called a "barycenter," closed strings also seek rotational cycle equilibrium, creating an inward *concavity* force similar to cosmological barycenters. Energy vectors from string oscillations constantly exert rotational centripetal force unto focal point f_o which wavers and seeks balance. f_o is the final sequential payload transfer point into the physical dimension as noted above.

Figure 46: Cygnus currents [36]

The dynamics of cyclical [36] energy formations can be seen in interstellar dust clouds where complex plasmas naturally self-organize themselves into stable interacting helical structures and eventually rotate.

Another way to look at how strings manifest helical and spherical patterns can be shown by simple mechanical oscillation. Pulsing energy applied to a medium will cause a type of elastic or propagating response, forming geometric patterns that distribute and seek symmetry; equilibrium. An example is a vibrating round plate with powder shavings on it. Vibration causes powder to separate into symmetrical harmonic patterns.

Symmetry is therefore an equalizing function, a feature of string waveform resonance, and a sneak peek at string properties because; so above, so below. The string's basic carrier or ring creates resonant waves (discussed in prior chapter) that oscillate back and forth to its focal point. Thus, creating a breathing pulsing vortex, alternating stored energy toward the center and along its perimeter only to bounce right back. The vortex itself, the new name we will use henceforth to denote strings, becomes a third dimensional sequential energy carrier. That's what isolates and makes vortex structures their own dimension and repository.

[36] www.everythingselectric.com/images/the-cygnus-loop-birkeland-currents-in-space.jpg

Chapter 16: *Energy and Conservation*

Figure 47: Journey between two worlds [37]

In a brief recap, manifested artifacts are born from dimensional vortexes and energy is behind all things. These are the fundamental principles that ensure the soul's endurance beyond physical experience.

Consciousness portability into other dimensional [37] states of awareness, as it pertains to life after death and reincarnation, can be proven by energy conservation and elastic pendulum forces, the same laws that govern conditions for vortex energy endurance and function since the soul is also composed of vortexes.

"Reincarnation or regeneration happens not just for all energy in the cosmos, but also the soul."

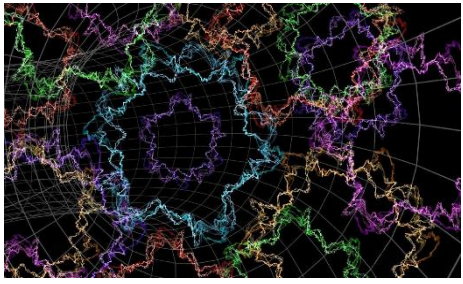


Figure 48: String dimensional links [38]

Just as energy is brought into our dimension in the form of vortex carrier energy packets (alternating dimensional energy) it must return to its source only to repeat again [38]. This is the core principle behind virtual universe theories and vortexes based on vibration, equilibrium, symmetry, and geometry. In simple terms, dimensional energy acts much like alternating current, surging upward into its positive polarity phase, gathering potential, and then swinging to its negative phase only to return upward.

The soul, composed of energy no different than the atom, is therefore bound by vortex lifecycle processes. The soul's energy also manifests physically and then returns to higher dimensions just as atoms do. Being a group of waveforms, the soul's stored potential seeks equilibrium and must discharge into its lower phase, only to swing back up for elastic conservation.

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[37] www.thecreativecoast.org

[38] steemit-production-imageproxy-thumbnail.s3.amazonaws.com

All physical forms are intelligent, subject to energy equilibrium and polarity oscillation at pre-programmed rates or cycles. The soul is no exception. This is the elastic nature of polarity potential.

$$w_c = \binom{\varphi_\sigma}{n} = \frac{\varphi(\sigma_1 \ . \ \sigma_2 \ . \ \sigma_3 \ \dots \ \sigma_n)}{n}$$

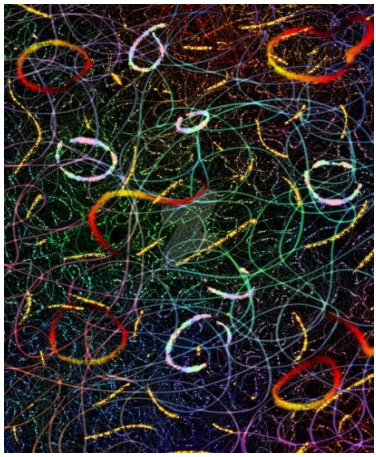


Figure 49: Vortexal patterns [39]

In the above formula, "*w*" describes the total number of events to be completed by an object's vortex lifetime, outlined by pre-programmed payloads or *IQ* event instructions (φ_σ) along its *bearing*. The next time the object's lifecycle repeats, its φ event complement may be programmed different than its prior life contents.

This is the case with a soul's ever changing life plans. But for most long half-life items, mainly atomic artifacts, their φ complement is usually static for countless eons. Such is the case with electrons [39].

If the apparent duration of a lifecycle's particular event (shown below as ∂t_w) is altered, so will its expression or release of intelligent energy on this plane be elongated or cut short. The impact will be felt in any or all of its scalar overtones programmed in its frequency spectrum for unknown periods of time. In terms of karma, the ability to discharge specific Φ_w cycle instructions and complete them in ∂t_w is crucial to the timely development of the entity. Otherwise, the lifecycle's *bearing* polarities will be compounded and intensified on the next upcoming cycle. This means that lifetime cycles are literally "on the clock" and must be completed.

In like manner, by colliding atoms, we are interrupting the artifact's Φ_w cycle and altering their ∂t_w. The consequences of manifesting partial or accelerated lifecycles can result in the distortion of space-time at the vortex's crossover point. It may not necessarily impact that instance in time or specific location, but anywhere in our timeline and universe. Somewhere, somehow, sometime, it will have an impact. It may be in the present, future, or even the past.

$$\nabla e \rightarrow \frac{1}{\Phi_y T}\left[\sum_{w=0}^{n} \Phi_w \partial t_w \cdot \frac{\delta c_w}{\delta c_y}\right]$$

[39] pre00.deviantart.net

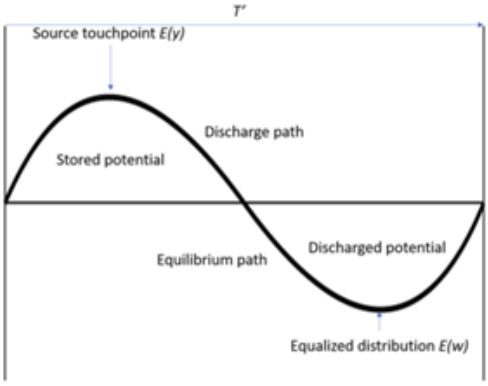
In the above formula, Φ_y represents total dimensional planned events for a particular lifetime of expression(s), say an incarnation. *T* is its intended time constituent. Φ_w represents parts of that lifecycle event, along with ∂t_w which represents the individual time constituents for each event. A cycle compliance factor or "passing grade" for completion of the experience is noted by c_w and is measured against the intended grade in c_y. These create an event compliance ratio "ℓ" that determines the amount of lifetime met.

For events where the lifecycle's time factor is accelerated, its time rate ∂t_w changes. Acceleration events, such as tapping relative dimensional levels through atomic collisions or a nuclear event, cause the vortex source to change the speed of energy payload delivery. For an individual engaged in a planned lifetime, encountering time rate delays or missed opportunities may cause several events not to be met, thus increasing the number of required lifetimes or incarnations, as well as the severity of these missed events on follow up lives.

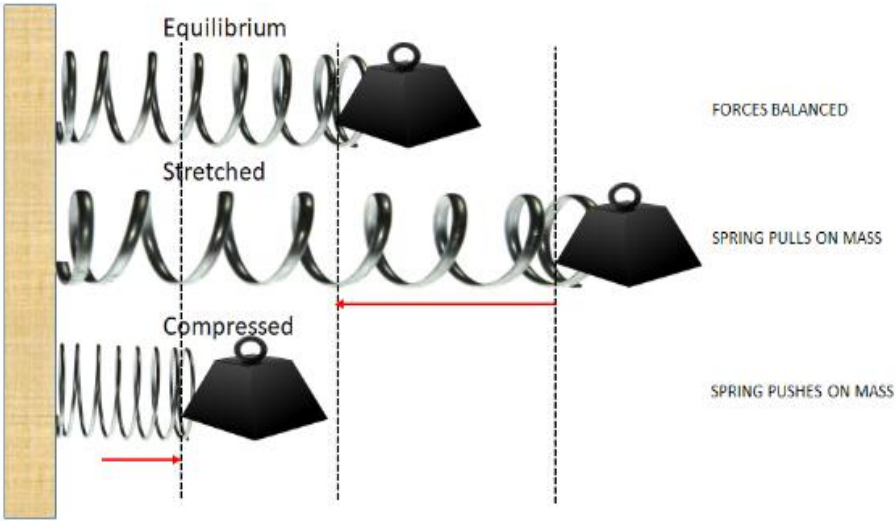
As everything is interconnected, missed opportunities impact not only the individual but also the entire cosmos. We must also consider that everything in the universe re-incarnates. In every energy pulse, energy is remanifesting in our dimension; re-incarnating should be the proper term. The lifetime of a star, or a planet, plant, or creature is a pre-determined lifetime event in which countless micro remanifestations occur, meaning that innumerable re-apparition pulses occur in this dimension during the overall lifecycle of the expression. Thus, in the physical lifetime of a soul or incarnation, countless micro re-incarnations occur.

Chapter 17: *The Soul, Dynamic Lifecycle*

As previously mentioned, for energy to be conserved, it must resolve physically and then be drawn back to its dimensional source seeking potential equilibrium like a pendulum. During its oscillatory cycle between stretched and compressed states, source vortex energy manifests or discharges its lifecycle instructions. The physical plane is that point of equilibrium.



The soul, being an energy component, must also observe conservation laws (∇e shown in the previous chapter). Given that dimensions are the designed creative source of intelligence and expression, of which the soul is likewise built from, not only are atoms designed above this plane but also the soul. Therefore, the soul's energy components must be made up of elastic energy payloads that alternate between higher and lower dimensional planes. Thus, life expresses in multi-dimensional levels, is convergent, conserved, and evolves to its logical pre-determined design in due lifecycles.



Each lifecycle plays a critical dynamic role in gaining intelligent energy equilibrium by discharging polarizing intelligence into its dimensional strata in order to obtain energy balance. Unlike static atomic forms, the soul is dynamic and evolutionary, establishing a physical channel of expression or reincarnation to discharge equalizing *IQ*.

Just as energy cannot be created or destroyed, only altered and conserved, and the soul is energy, then the soul cannot be created or destroyed, only evolved. Its many conscious states are evidence to its multi-layered structure, meaning it is multi-dimensional in its expressive aspects. Just as conscious states happen during normal life, they express, act in recurrent cycles, and evolve into various dimensional states. Physical consciousness is one state of many where it expresses until its equilibrium point evolves beyond the physical plane.

What is normally implied as re-incarnation is nothing more than stored dimensional potential on an alternating vortex cycle, recurring up and down until its energy and frequency are altered such that its physical state (negative phase of the cycle) raises above the physical plane. The mechanism involved in experiencing this charge/discharge process is known as "consciousness." This is the directive or experiencer force that determines how energy is processed in each lifecycle event. It is the gatherer and selector that compares the known against the unknown, adjusts, and decides, thus altering the soul's lifecycles in this dimension. It is the teacher of our lower nature, a social worker of sort, that comes to tame the lower self and coach it with the ways of higher understanding and principles.

As an energy component, consciousness is elastic in nature. It gathers and depletes energy according to elastic conservation. It is the administrator of stored potential force, the decision maker, when the lifecycle process swings it from the positive celestial domains toward the negative physical plane seeking equilibrium. All alternating energy states seek potential and equilibrium and elastic lifecycles are no different. Both soul and life are by-products of universal strings processing energy conservation, elasticity, and dimensional interchange.

In conclusion, consciousness is an energy lifecycle patterned after universal dimensional creative intelligence which expresses and evolves no different than all other energy forms in countless states of energy vibration, states, and planes.

Chapter 18: *Time and Space*

Time is proportional to space as frequency is to wavelength. Both are energy by-products except that frequency is inter-dimensional, time its physical derivative. In other words, an object's frequency is the relative inverse of its own time base. Wavelength is its prime unit of distance or space.

Every artifact in creation has its own time base, odd as that might sound. The combination of all physical objects in, say, this planet, renders the common time base for this planet. Venturing off this planet means crossing various space/time segments, some lower and others higher than ours.

Time dilation, as proposed by relativity, is a very narrow view of referential time based on velocity rather than regional energy factors. Relativity also makes no mention of crossing different "time zones" in space. While gravitational fields can bend light, time is not associated with a change in an object's trajectory. Rather, velocity is the appearance of time over its predetermined regional wavelength or space. It is space that renders velocity factors, not the other way around.

On numerous star systems, huge planets seem to circle their stars rather quickly. Some are close to the star but others are not, subject to their own time base that affects the way we perceive them. This will be discussed later on.

$$1.\ E = mc^2 = hf$$

$$2.\ f = \frac{mc^2}{h} = \frac{mf^2\lambda^2}{h} = \frac{h}{m\lambda^2}$$

$$3.\ t = \frac{m\lambda^2}{h} \equiv \lambda = \sqrt{\frac{h}{mf}}$$

$$4.\ \alpha = \frac{\lambda}{t^2} = \frac{h}{m^2\lambda^2}\sqrt{\frac{h}{\lambda}}$$

$$5.\ F = m\alpha = \frac{kq^2}{r^2} \equiv r^2 = \frac{kmq^2\lambda^2}{h}\sqrt{\frac{\lambda}{h}}$$

As shown by the third of the above simplistic formulas, time and distance (lambda, wavelength) are proportional and depend on regional conglomerate pulse trains. Acceleration, or the fourth formula, can be derived from wavelength while distance "*r*," whether linear or orbital, is again tied to wavelength (formula

5). Force was used to describe linear distance since it is a physical derivative while energy is dimensional. We can extend the above relationships to show that mass is the inverse of wavelength and energy potential:

$$f = \frac{\pi}{h}\sum_{x=0}^{n}\gamma_x^2 = \frac{h}{m\lambda^2} \equiv m = \frac{h^2}{\pi\lambda^2\sum\gamma^2}$$

In the above relationship, γ is the string's dimensional potential in the physical state, or the particle's eVolt potential.

Chapter 19: *Time Reference and Dilation*

For nearly a century, science has held fast to an indisputable standard called the speed of light. Relativistic adaptations based on this standard were built around just about every atomic and cosmological relationship known, but light speed is not a special phenomena as common thought would have us think.

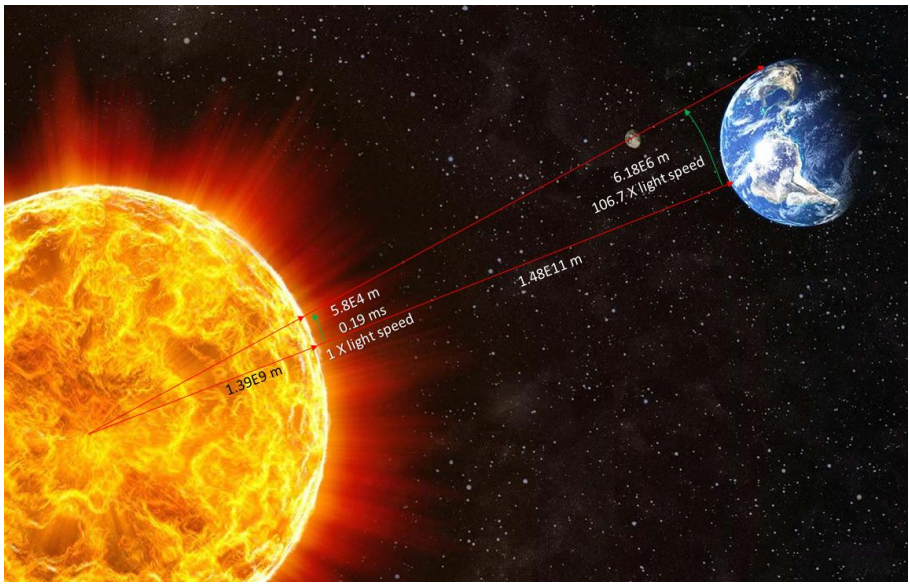


Figure 50: detechter.com [40]

All around us, light sources are in a constant state of motion, some slower while others faster than the established standard. Headlights coming your way is a perfect example of faster than light emission.

Blue shifts cover the heavens. Neutron star axial beams crisscross nearby space at rapid speeds to distances light-years away that equate to angular perpendicular movements several times light speed. A high power laser spotting the moon 400,000 km away, shifted 48 angular degrees per second, causes the tip of the laser to travel faster than light. A Moreton pulse on the sun's surface creates a light flash that races across the sun's surface at light speed [40]. In the time it covers 58 visual kms on the sun's surface, at an angle of 0.0024 degrees, it has already covered 6,180 kms on Earth, or 107 times light speed.

[40] i1.wp.com/detechter.com/wp-content/uploads/2017/10/Earth-Sun-e1507892748483.jpg?resize=662%2C391&ssl=1

Light is also non-relativistic. Though lab measurements give light a speed of 300,000 km/sec, the cosmos seems to work by different rules indicating that lab light sources are subject to this planet's limiting dampeners. Energy areas where light interacts are bound to specific time quotients as noted by prior mathematical descriptions. These math relationships indicate that the universal constant "*G*" is affected by matter's resonant dimensional rates that determine time and velocity and give rise to "time factors" or ratios between time zones

By breaking light speed down into frequency and wavelength components, we see that the gravitational constant at molecular levels is impacted, and from it our concept of velocity. When the "*G*" constant is affected, apparent gravity, mass, and orbital characteristics are also affected from the vantage point of the relative observer. Might this be the reason we see large Jupiters orbiting too fast around home stars? Their high transit velocities indicate closer proximity to the star, but is it due to that space region's "*G*" constant relative to ours?

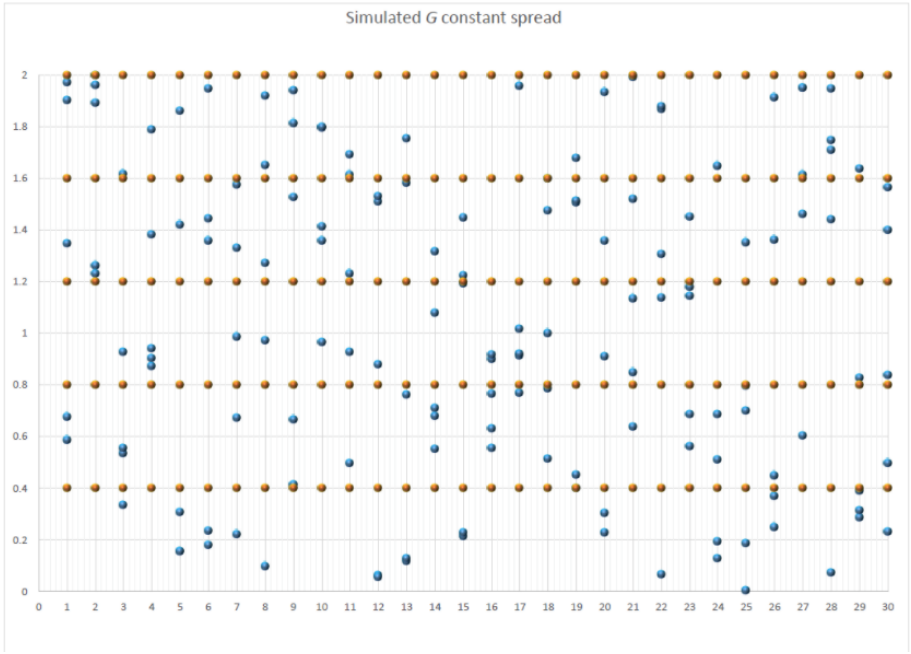


Figure 51: G constant spread simulation

The chart above shows vortex manifestations in ORANGE at equidistant Planck length units, using uniform speed of light "*c*" as its driver. BLUE shows non-equidistant Planck length units due to varying wavelength and frequency, which is the expected and suggested outcome of this observation.

The combined common resonant frequency in a local group of objects (atoms, pronemo, etc) gives *G* its value and creates a time zone. Every

vortex mass point has its own time zone. This adds another "creative" ingredient to the differentiation between atomic properties.

Not all strings materialize simultaneously. This adds variety, making it possible for atomic differentiation to exist. Time-making vortex oscillations or movements are responsible for creating energy hubs that give rise to atoms and other components. Therefore, time zone variance may be the determining factor in manifesting an artifact, and also the "speed of life."

Chapter 20: *Big Bang Fairy Tale*

Is the universe expanding, folding, rotating, or reacting to unknown cosmic currents yet to be discovered? Today's prevailing discoveries pose serious opposition to Big Bang and fundamentalist creationist theories. The universe no longer appears as an ever expanding cosmic bubble but a series of confusing maze-like vortices likened to magnetic lines of force.

Outdated heliocentric theories continue to dominate educational and media channels for reasons that are not outright obvious to most, though deeply rooted in matters of national security, civil control, occupational assurance, and smear evasion. Controversial cover ups are nothing new to our world, but unfortunately masses blindly rally behind popular perception while deception goes unchecked.

What is the real truth behind the cosmos? Is there more than meets the eye? There is. In 1,225 AD, Robert Grosseteste proposed the universe was created by an explosion, a thought that persisted through the ages unto this day. Edwin Hubble reinforced the idea by establishing the Hubble constant. But as we will see, this constant and other methods used to support the Big Bang theory do not hold water. Long ago, we viewed the earth as the center of the universe. Then, it was the sun. Nowadays, it's our galaxy. What will be next?

Science views the universe as an expanding vacuum, yet can't explain why—something a mega explosion is incapable of accomplishing. Key supporting cosmic inflationary models no longer coincide with present day observation. Science sets a size and time limit, religion sets a time limit and no size. So, who is right? Neither, shown as follows.

Factual understanding of the nature of light and the cosmos where it unfolds must outweigh old axioms founded much in the same tenor as transformative alchemy. Science and religion must be willing to reconsider existing theoretical and scriptural conformities, and understand without bias the nature of space—a medium filled with various polarized energy states that originate from higher dimensions and rotate according to powerful lines of force they leave in their cosmic wake, not dark matter.

In conventional terms, the universe is expanding symmetrically from a Big Bang point of origin, but this is not so. According to recent celestial observations, there is no preferential expansion direction vector within the cosmic inflationary bubble, meaning objects are not flinging away from Earth as previously believed.

To satisfy the Big Bang theory, light must propagate radially toward us the same way from any direction. However, polarization measurements from distant radio galaxies emitting strongly polarized waves show that the polarization plane (wave vectors in the space medium) is actually "rotating" about a common far-

off center, indicating that space is in fact birefringent [41]. Much debate on this subject is ongoing, however supercluster movements do suggest birefringent activity is plausible. The universe has an anisotropic axis and is circularly birefringent, behaving much like an optically active crystal by rotating the polarization direction of linearly polarized light. Thus, we live in a type of polarized universe where energy patterns act as a grid lattice or magnetic compass affecting the polarized plane [42]. It is conceivable that this plane changes as it reaches the "last mile" per say before we measure it, but all galactic objects observed show this behavior. The concept of rotational light is not synonymous with an expanding universe but rather a vast revolving chamber of galaxies.

Observed cosmic birefringence has a rotational factor in the tens of billions of years—an indication that cosmic energy is not expanding outward from a central point but rather rotates about a standing plane or common nucleus whose anisotropic axis is marked by a line running through the Aquila-Sextants constellations. Bottom line is, light "turns" about a super galactic hub: not what one would expect from an expanding universe. Likewise, linear and rotational Doppler effects are also modified by this rotational effect.

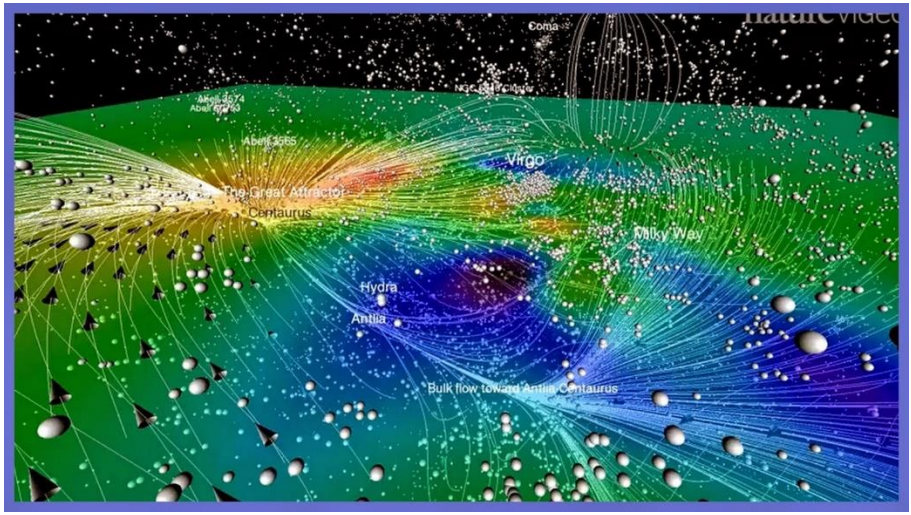


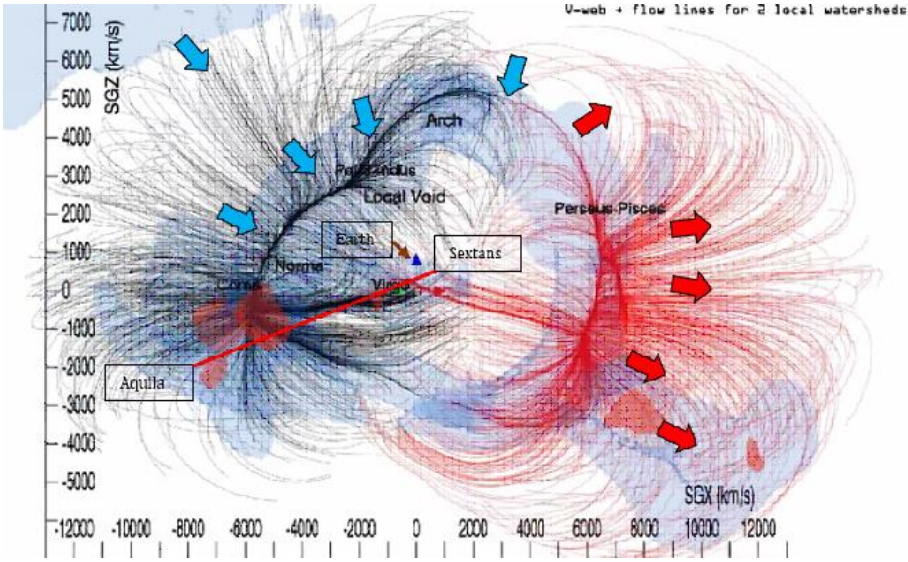
Figure 52: Centaurus, the great attractor [43]

41 Optical Birefringent qualities describe light behavior as it propagates through different crystal materials. We are assuming that space acts like a crystal medium, becomes the plasma in which light transverses, and demonstrates polarizing behavior (from the rule of '*double refraction*')

42 http://www.rochester.edu/college/rtc/Borge/overview.html
https://www.physicsforums.com/threads/evidence-of-a-birefringent-universe-and-an-aquila-connection.166223/

It was recently discovered that the Laniakea galactic bubble [43] is moving toward Centaurus, the Great Attractor, as if riding over powerful magnetic currents toward a central hub, unlike the Perseus group that paints an opposite picture. How does this finding affect our concept of the Hubble constant and background radiation?

The Perseus group (in red) recedes from us, but the Norma-Indus group (in blue) is approaching. We're caught between the two super clusters (blue triangle), watching them swing past us. The universal Aquila-Sextans axis is approximated in the graphic below:



The Big Bang faces significant foundational challenges:

- Speed of light and Hubble's constant are taken verbatim, though galactic observations do not support it as shown below:
  - The Hubble constant sets distance conveniently proportional to recession velocity. Since nothing can go faster than light, the universal radius is capped at 13.88 billion light years—without relativity adjustments. We will show the Hubble constant does not hold against derived galactic measurements. Laniakea supercluster flow models alone clearly indicate the Hubble constant does not hold up
- Red shift is taken as a deviation in wavelength rather than local energy changes and a wavering Planck's constant:

[43] www.youtube.com/watch?v=rENyyRwxpHo

  - Red shift is energy loss or absorption between emitting source and us, diminishing as a function of propagated distance. As energy is lost but frequency persists, wavelength changes according to $\Delta E = mf^2(\lambda_i^2 - \lambda_o^2)$. Galaxies closest to us show less loss and therefore exhibit less red shift. Some galaxies produce more energy than others and thus show lesser red shift for their distance. In addition, energy does not propagate but "transfers" force unto currents ahead of it
- Gravity is not the work of mass but gravitational constant shifts specific to the local environment and influence from dimensional forces
- Loss of atomic clock synchronous reference in earth orbit is attributed to relativity, though it is related to time zoning explained above

When deriving red shift ratio "z" and recession velocity "c," energy, frequency, or wavelength may be used in a Doppler equation interchangeably indicating the interoperability of these proportional terms and the fact they are synonymous. Therefore, velocity does not really exist, frequency is the inverse-square of wavelength, and mass is the relative effect of frequency and wavelength.

Doppler effect capabilities are overrated. Science applies its principle on stars just as they would wakes from an approaching freight train, believing that light waves compress and expand with motion. In the case of a train, sound waves strike and move air molecules that propagate at a predetermined rate based on atmospheric properties, temperature, and so forth. In space, theory suggests that light propagates like sound wakes by expanding its electromagnetic field like a bubble, but this is only partially true. Space is not a simple wave tank or passive frictionless environment as found in a synthetic vacuum. In space, when light comes in contact with energy currents, light energy "transfers" unto the current like a Newton cradle. Since space is birefringent, the polarized plane is an established energy grid, a type of point-to-point conduit that, when striken on one end, releases out the other.

Consider that, if nothing can go faster than light, blue shifts should not exist, but they do. Walking toward someone with a flashlight or a car's headlights approaching at high speed invalidate the light-limit concept. What about Hubble's constant? Can mathematical renditions prove both Hubble and Doppler applications incorrect? According to the Hubble constant Ho, receding velocity is proportional to distance. While this is not true, we will go through the exercise nevertheless to prove a point.

As an object recedes from us, its wavelength widens but its frequency ($f_{observed}$) drops. Just as orange light turns red and blue turns green with increasing recessional speed and distance, eventually even violet will drop to red and, furthermore, into invisible infrared. This occurs when $z = 0.83$. Likewise, ultraviolet and x-rays also drop with recessional velocity and turn to light until they also dip into infrared and become invisible at higher velocities. Eventually,

as speed increases, Gamma rays become visible but drop into infrared and turn invisible as well—this happens a bit over 13 billion light years away.

Even at distances beyond thirteen billion light years, we still "see" galactic forms when we really should not, receding so fast that not even Gamma rays should be visible given they dipped beneath visible. How does this impact the Hubble constant?

To answer that question, we plot some 699 galactic objects using distances from Cal Tech's NED galactic data database [44]. Note the vast divergence between Hubble constant (GREEN) and observed galactic sources. Also note the variance in object velocities when applying the derived Hubble constant to object distances.

Computed Hubble velocity (left vertical axis) from database velocity/distance data is plotted in blue. Derived Hubble constant from database data is shown in red. The horizontal axis represents distance in light-years. The green line is the accepted Hubble constant value. The red line is the computed H constant from actual data. Note variance in computed H values at a standard deviation of 16.2.

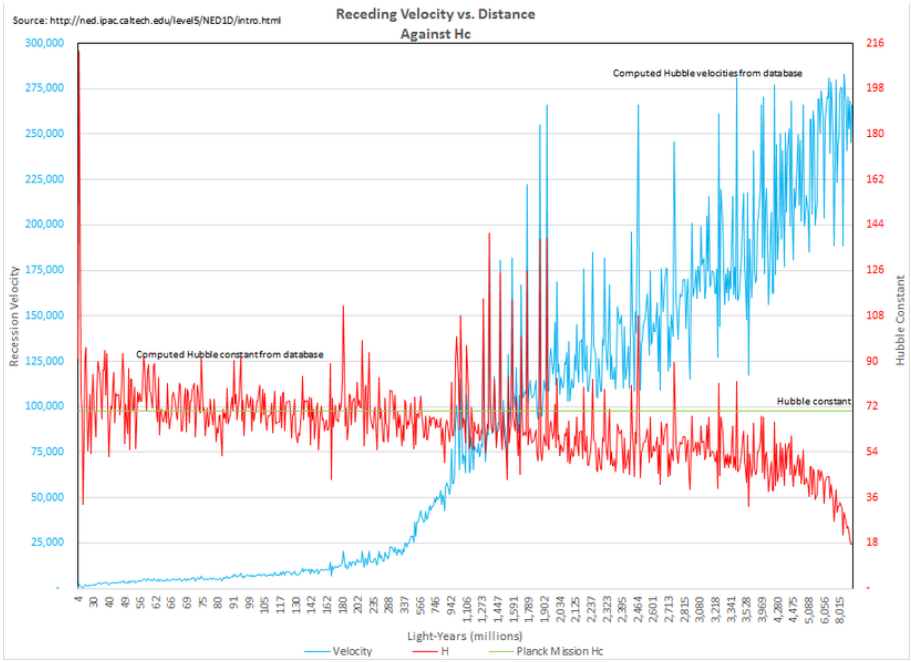


Figure 53: Computed velocities (blue) vs Hubble constant (red)

In the chart below, the relationship between distance and frequency according to the Hubble constant is shown, indicating what range of frequencies at what

44 http://ned.ipac.caltech.edu/level5/NED1D/intro.html

distances/velocities become invisible to telescopes, yet we still see an object where no light is predicted to be found. H_o is held at 70.4:

Table 10. *Distance Where Spectrum Frequency Drops Below Light*

f	Equation	Infrared 4.3D+14	Violet 7.9E+14	UltraV 3.0E+14	X-Ray 3.0E+19	Gamma 2.4E+24
z	(fs - fo) / fo	0.0	0.84	68.8	69,766	5,581,395,348
c		299,792	299,792	299,792	299,792	299,792
v	[(1 + z)^2 - 1] * c / (1 + z)^2 + 1	299,792	299,792	299,792	299,792	299,792
Ho		70.4	70.4	70.4	70.4	70.4
Distance light-years	Rhs = 3.26 * c / Ho	0.0	7,537	13,877	13,882	13,882

In short, 8 billion light years appears to be the defining line where a significant drop in visible radiation occurs (violet to infrared). At that point, previously invisible energies such as x-rays now become visible and normal light vanishes into infrared due to recession speed. Eventually, Gamma Rays also become invisible as speed increases.

Computing the Hubble sphere radius

$$R_{hs} = \frac{3.26_{ly/parsec} * c}{H_o}$$

$$H_o = 70.4 \mid c = 299{,}792_{km/sec}$$

$$R_{hs} = 13.88_{Bly}$$

Determining "z" from velocity

Computation based on limits identifies range problems when estimating Doppler shift, showing an object cannot recede from us at the speed of light but can approach us at the speed of light. How is this possible, unless Doppler limits are not plausible the way they are being used?

$$z = \frac{f_{source} - f_{observed}}{f_{observed}}$$

$$z = \frac{E_{source} - E_{observed}}{E_{observed}}$$

$$v = \frac{[(1+z)^2 - 1]\,c}{(1+z)^2 + 1}$$

$$v = \frac{[{E_s}^2 - {E_o}^2]\,c}{{E_s}^2 + {E_o}^2}$$

- When $E_o = 0$, $v = c$
- When source and observed energies are equal, $v = 0$
- If velocity is removed from the equation or $v = c$, the resultant is an incalculable: $E_o^2 = -E_o^2$ or $1 = -1$. This is not mathematically sound, and thus neither should results derived from this formula

$$v = H_o * D$$

H_o = Hubble constant
D = Distance in parsecs
v = Receding velocity

$$v = \frac{[(1+z)^2 - 1]\,c}{(1+z)^2 + 1}$$

$$\frac{v}{c} = \frac{(1+z)^2 - 1}{(1+z)^2 + 1} = \frac{2z + z^2}{2 + 2z + z^2} = \frac{z(2+z)}{2 + z(2+z)}$$

$$\frac{c}{v} = \frac{2 + z(2+z)}{z(2+z)} = \frac{2}{z(2+z)} + 1$$

$$\frac{c}{v} - 1 = \frac{2}{z(2+z)}$$

$$\frac{c - v}{2v} = \frac{1}{z(2+z)}$$

$$\frac{2v}{c - v} = z(2+z) = z^2 + 2z$$

$$z^2 + 2z - \frac{2v}{c - v} = 0$$

$$a = 1 \quad b = 2 \quad c = \frac{-2v}{c - v}$$

$$z = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$z = \frac{-2 \pm \sqrt{2^2 - \frac{4(-2v)}{c - v}}}{2} = \frac{-2 \pm \sqrt{4 + \frac{4 * 2v}{c - v}}}{2}$$

$$z = \frac{-2 \pm 2\sqrt{1 + \frac{2v}{c - v}}}{2} = -1 \pm \sqrt{1 + \frac{2v}{c - v}} = -1 \pm \sqrt{\frac{c - v}{c - v} + \frac{2v}{c - v}}$$

$$z = -1 \pm \sqrt{\frac{c + v}{c - v}}$$

Limits

$$z = -1 \pm \lim_{v \to c}\left(\sqrt{\frac{c + v}{c - v}}\right) = \lim_{v \to c}\left(-1 \pm \sqrt{\frac{2c}{0}}\right) = \infty \{ objects\ cannot\ recede\ at\ "c" \}$$

$$z = -1 \pm \lim_{v \to 2c}\left(\sqrt{\frac{c + v}{c - v}}\right) = \lim_{v \to 2c}\left(-1 \pm \sqrt{\frac{3c}{c - 2c}}\right) = -1 \pm \sqrt{-3} = -1 \pm \sqrt{3\gamma}$$

$$z = -1 \pm \lim_{v \to -c}\left(\sqrt{\frac{c + v}{c - v}}\right) = \lim_{v \to -c}\left(-1 \pm \sqrt{\frac{0}{2c}}\right) = -1 \{ objects\ can\ reach\ us\ at\ "c" \}$$

$$z = -1 \pm \lim_{v \to -2c}\left(\sqrt{\frac{c + v}{c - v}}\right) = \lim_{v \to -2c}\left(-1 \pm \sqrt{\frac{c - 2c}{c + 2c}}\right) = -1 \pm \sqrt{\frac{-1}{3}} = -1 \pm \sqrt{\frac{1}{3}\gamma}$$

$$z = -1 \pm \lim_{v \to -5c}\left(\sqrt{\frac{c + v}{c - v}}\right) = \lim_{v \to -5c}\left(-1 \pm \sqrt{\frac{c - 5c}{c + 5c}}\right) = -1 \pm \sqrt{\frac{-2}{3}} = -1 \pm \sqrt{\frac{2}{3}\gamma}$$

$$-c \leq n < c$$

These results indicate that an object can approach us at the speed of light but cannot recede at that same speed, not without special considerations. This is another indication of an unsound relationship. Regardless, by replacing terms with energy and reducing the speed of light to wavelength and frequency, we arrive at a very simple wavelength ratio for "z." In basic terms, source divided by observed wavelength determines z. The trick is now finding what that source wavelength is:

$$v = \frac{[{E_s}^2 - {E_o}^2]\,c}{{E_s}^2 + {E_o}^2} = \frac{[{\lambda_s}^2 - {\lambda_o}^2]}{{\lambda_s}^2 + {\lambda_o}^2}(\lambda_s f_o) = k d_s$$

$$d_s = \frac{\left[{\lambda_s}^2 - {\lambda_o}^2\right]}{{\lambda_s}^2 + {\lambda_o}^2}\left(\frac{\lambda_s f_o}{k}\right)$$

$$z = -1 \pm \sqrt{\frac{c+v}{c-v}} = -1 \pm \sqrt{\frac{\left(1 + \frac{\left[{\lambda_s}^2 - {\lambda_o}^2\right]}{{\lambda_s}^2 + {\lambda_o}^2}\right)}{\left(1 - \frac{\left[{\lambda_s}^2 - {\lambda_o}^2\right]}{{\lambda_s}^2 + {\lambda_o}^2}\right)}} = -1 \pm \sqrt{\frac{{\lambda_s}^2 + {\lambda_o}^2 + {\lambda_s}^2 - {\lambda_o}^2}{{\lambda_s}^2 + {\lambda_o}^2 - {\lambda_s}^2 + {\lambda_o}^2}}$$

$$z = -1 \pm \frac{\lambda_s}{\lambda_o} \;\therefore z \triangleq \frac{\lambda_s}{\lambda_o} \quad \{ z \textit{ is the ratio between source and observed wavelengths} \}$$

Alternatively, by reducing the speed of light into wavelength and frequency components and holding frequency constant in an energy based relationship, Doppler becomes the inverse square of initial and observed wavelengths minus one. This helps us identify what the original wavelength, and velocity, of the wave was before reaching us. Mind you, the wave may have been tampered with along the way, placing the wave's point of origin much closer to us than observed.

For example, a wave observed from Sirius may have been tampered with by the solar system's bow shock, water molecules in the Oort Cloud, or coronal radiations from the sun itself. For example, GN-z11 with a "z" of 11.09 and an observed red band of 620 nm, would correspond to a much lower initial wavelength and higher velocity as shown:

$$\Delta E = mf^2(\lambda_i^2 - \lambda_o^2)$$

$$z = \frac{\Delta E}{E_o} = \frac{E_i - E_o}{E_o} = \frac{(\lambda_i^2 - \lambda_o^2)}{\lambda_o^2} = \frac{\lambda_i^2}{\lambda_o^2} - 1$$

$$\lambda_i = \lambda_o\sqrt{z+1} = \sqrt{11.09+1} * (6.2 * 10^{-7}\ m) = 21.56 * 10^{-7}\ m$$

$$f = \frac{c_i}{\lambda_i} = \frac{c_o}{\lambda_o}$$

$$c_i = c_o\frac{\lambda_i}{\lambda_o} = c_o\frac{21.56}{6.2} = 3.48 * \ c \quad \{ c_o = \textit{ known speed of light} \}$$

By keeping frequency constant, this implies that the light source's speed is hitting our optics at 3.48 times light speed. It cannot be determined exactly where speed reduction takes place, but it is evident that velocity is proportional to distance and energy losses during cosmic transit.

By comparison, TN J0924-2201 with a "z" of 5.2 has a speed increase of 2.49 light speed. We can conclude that the farther an object is from us, the greater the speed gap ratio noted from our vantage point. There are too many objects that

can interfere with light's purity along its path; space matter, our solar system, the atmosphere, telescopic lenses and magnification, interferometers and prisms, and the inverse square of distance affecting energy levels.

The illusion of galactic recession can be explained by multiple stages of friction and magnification placed in the path of the light stream.

Chapter 21: *About The Author*

Everyone is an experiencer and may not realize it; that was me at one time. As an introduction to the concept of experiencing, events such as near death experiences (NDE), out of body experiences (OBE), and other mental and communication phenomena share a common foundation based on energy principles that are misunderstood for the most part. Whether we consider the mind's ingress or egress methodologies on our plane of existence, or mechanical means to overcome gravity, the basic ingredient behind these objectives is the same; energy. Energy is the cause and effect of all actions, reactions and capabilities encountered by experiencers, hence the single most critical factor to understand in the making of an experiencer and the primary subject of this discussion.

Like most people, I was an experiencer from early age unknowingly linked to persisting awareness events, technology downloads, and ETIs. In honest retrospect, some cannot explain the why or how, but it just happens. Others limit their potential by casting the entire subject into insanity or disbelief and take things no further. Few actually objectify their experiences and define their sources, but are compromised by earth's emerging science, religion, and personal development. I can attest to all three emergences and admit I constantly update my understanding of the experiencer process by objectifying knowledge received and keeping an open mind.

My journey began in Cuba with a past life episode at two weeks of age. I clearly remember feeling consciously mature as if emerging from deep sleep. Covered by a blanket head-to-toe and face down on a bed, I turned to my father and wondered in English, "What am I doing here?" I heard only silence during this experience.

This was no lucid dream, possessive entity incursion, conjured episodic memory, channeling, NDE, OBE, ETI, EM, or other induced revelation. Rather, the event was the result of normal conscious continuity or extended awareness from a previous life, establishing a firm foothold on this physical plane for the first time at that early age. This concept is not recognized or properly understood by science, but involves the continuity of the conscious state from one life or body to another. This phenomena is loosely attributed to reincarnation and regarded in part as explicit memories, but both differ. A memory denotes historical event recall, while awareness refers to one's cognitive status influenced by and reacting to past events.

During that early experience, I envisioned myself as a US pilot flying a British Lancaster. In another vision, I ran down a north-bound one-way street trying to out-run a dark green 1936 Chevy Coupe to a nearby intersection among snowy

patches and wire fences. On the northeast corner of that intersection was a multi-story Woolworth store disrupting 9:00 am eastern sunrise. Six years later, I joined the war effort and perished.

As I matured, the value of that experience slowly vanished until I no longer thought much of it. I gave extended awareness and reincarnation little consideration since no one talked about it. Nevertheless, my life continued to unexpectedly reveal past-life portrayals in ways most people do not logically associate in spite of evidence.

At age one, I re-assembled a broken hand watch from scattered parts. At age two, I played Mozart's Minuet in G on my godfather's violin without taking lessons. At age three, it was piano. At age four, I got on my knees and paddled my way out to sea without sinking until my horrified mother's screams distorted my tempered awareness and sunk. Yet, as with so many souls on this world, past lives and conscious reality lingered obscured until 18 years of age, trying to make the best of available religious and scientific ideals that did nothing to explain, but everything to discredit. So, I went with the majority, past lives just did not exist, but I proved myself wrong time and time again.

At age five, I had my first ETI experience. I stood on my school's sports pad in Havana looking north. There, in the far distance, I saw a glowing cigar-shaped craft standing upright. I did not know what to think of it but felt I could talk to whomever was inside at a mental level I could not immediately grasp, and fast. In moments, the craft leveled horizontally and crossed the sky in less than a second. That day, I changed. I felt humbled, introspective, as if I had taken a significant step away from this world. Cuba was tight lipped about things like ETIs and reincarnation, so no one dared bring up the subject. I knew better than break the regime's mold.

For the second consecutive time, I migrated to the US at age eleven and continued my concert piano career, but something unexplainably benign resonated in me during those days. Little did I know I was being primed by ETIs and a higher intelligence within my own soul for something much bigger and completely out of this world, something earth faiths and science cannot answer. An indescribable urge to know God swelled within. It became my obsession, night and day, helplessly emotional at times. I endured over two years in this manner sensing, wishing, waiting, counting minutes as life caught up with destiny.

During the evening of July 23, 1973, I saw countless UFOs buzz and surround my Whittier California home, but only I could see them. I stepped outside to have a better look, a show lasting hours, until I felt unusually sleepy. Next thing I knew, I was in bed wearing old warm pajamas that no longer fit—I sure did not make that decision. I looked at my bedside clock and, 2 seconds before 10:00 pm, I instantly passed out.

I went through a light tunnel and appeared in a higher plane of Venus, a world residing on a parallel dimension far removed from the steaming poisonous planet

science knows of today. This was an OBE of sort more closely associated with consciousness projection, not one I initiated or controlled. I was told I would be returned in two hours, but in reality I spent about a hundred years learning and experiencing a crystalline ethereal world difficult to describe.

On this higher plane, grasses, flowers, rocks, buildings, water, everything had a crystalline essence to it and seemed intelligent, alive, responding to mental stimulus. The radiant light and color in all things was breath taking, not to mention the loving kindness exhibited by Nordic beings that stayed by my side. After slowly elevating my consciousness, they revealed their true ethereal form: energy living flames. I was shown several scientific, technological, and spiritual concepts I did not understand then but recall to date. One of these concepts was the design of atmospheric and interstellar craft, down to the energies and configuration required as shown by the following graphic.

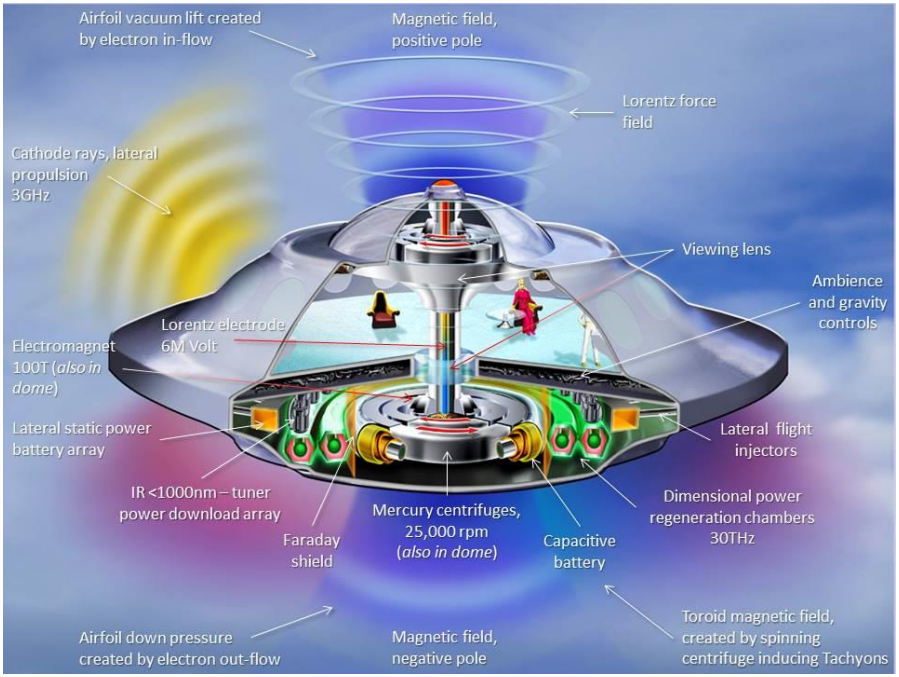


Figure 54: Inter-dimensional Venusian space craft functional cutaway

I was returned to earthly consciousness against my will, precisely two earth hours later, only to travel to Saturn, Mars, Alpha Centauri, Carina, and Dorado among other worlds visited to date. Here I met humans, Nordics, and reptilians who share the same evolutionary purpose to uphold humility and live in universal paradox timelines separate from ours. Before embarking on these voyages, the beings I met on Venus materialized by bedside, reminding me that my

experiences were real and they would forever stay with me. I would return to Venus two more times in the years that followed.

Figure 55: Venus High Plane

Figure 56: Venus High Plane City

Figure 57: Mars Underground City

Figure 58: Apunian Home World City

Figure 59: Alpha Centauri, Apunian educational and medical center

Being most skeptical, I needed further evidence proving these experiences were real. Well, no problem. The morning after the Saturn experience, I was compelled to drive to the Whittier library. Once there, I was led to the darkest most lonesome aisle like a zombie. I had never been to a library before and had no clue where to go. I stopped suddenly and my right arm involuntarily swung up and down tapping a particular book. I picked it up and read, Inside The Space Ships by George Adamski, a book whose contents confirmed concepts learned during prior experiences. But that was not all.

I was led to other individuals with similar experiences, thus adding further confirmation. With evidence under my belt and mind flooded with equations, technology, and life concepts, I was on a mission to decipher experience details. Yet, a lack of science and young age prohibited that from happening. But when I changed my calling to physics and theology, I found those arts barely scratched the surface and actually drew me in the wrong direction. I finally realized an enormous chasm divided earth beliefs and experience details, attesting that further ETI assistance was needed to close that gap.

A year later, I met alien brothers on three different occassions, extremely tall with sandy colored hair, in a copy service store located in downtown Whittier. They were making copies of a page filled with hearts, the word love, and its meaning. This became a symbol of their presence. In a flash instant, they imparted unto me knowledge about my own state of mind, the frailties of ego, and the purpose of spiritual evolution; the key to closing the gap between our worlds. A younger brother met me in school, warned me to keep my findings silent until a future date—for the good of the planet and myself—and asked I focus instead on knowing the self.

Unable to contain my excitement, I stepped out of line, disobeyed ETI advice, and went the way of fame and ego. I soon suffered untold scorn from friends, family, and professional associates, nearly compromising a lot of information not ready for its time. I also realized what drove me to violate ETI trust and seek fame; I had done so in past lives and was reliving that role once more.

I learned my lesson, but realized that many on this world, including experiencers, are infants at heart challenged by past life urges that lead them astray much as in my own case. That's part of the course being on this world. The higher the principles we seek to represent, the greater the ego challenges we face. The secret to spiritual evolutionary success is always the same; get up again, forgive yourself, and stay the course.

After having two more ETI and UFO contacts in 1981, physical contacts stopped. From that point forward, I had to trust the still small voice within and meet ETIs mentally, not physically; that is how they communicate with each other. That meant I had to tell them apart from my own ego, a daunting task for me. I was now on my own, putting to practice humility, honesty, and loving teachings shared over the years. That's when countless past life recalls, knowledge downloads, and an affinity for infinite law took hold. That affinity is the pathway to understand God for He is the Eternal Intelligence in all things. That feeling . . . is Him, through them. That's why we must seek within and not depend on physical contacts, we get so much more that way.

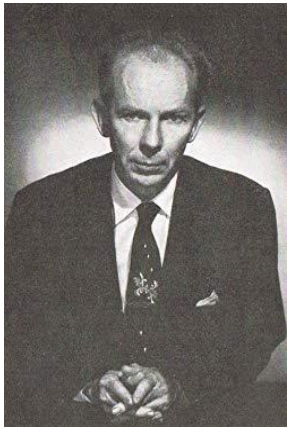
The narrative provided in this book describes the nature of energy and its relationship to life, consciousness, and reality based on ETI information, persistent awareness experiences, and present lessons learned. It is only the beginning of discovering who, what, why, and where we are. There is more, much more than this.

Chapter 22: *About Dr. Ernest L. Norman*

Ernest L. Norman was born on November 11, 1904 in a small town in northern Utah. Before he was hardly two, he was experimenting with writing and long before he went to school for the first time, he was quite familiar with the English language; so much so, he was reading his father's library. His father was a very learned man of royal Norwegian descent and had degrees in law, psychology, physiology and phrenology. He was the fifth of eight boys and girls.

At the age of five he constructed his first microscope using the eyepiece section from his father's telescope, and by inserting it in a wooden frame made from a cigar box and a small piece of mirror, he was able to count the hairs on earthworms. At age six, he moved an 8 x 12 foot coal shed containing one-half a ton of coal over a distance of approximately 200 feet through an apple orchard and over soft ground to a new and more convenient location. This feat took him three weeks to accomplish. At age seven, he bested his father in an argument, i.e., that all energy was electronic. At present he is completely vindicated inasmuch as science today is resolving into this conclusion.

During his early teen-age years in junior and senior high school, he established several new "high water" marks in biology, genetics, science, etc., and won several noteworthy citations as well as attracting some interest from his teachers. He became very active in radio and electronics.



After World War Two, he devoted himself to his lifetime dream, metaphysics, and became an ordained minister possessing an outstanding clairvoyant capacity and scientific grasp. Thereafter, he started Unarius, writing twenty books that covered theoretical physics, spirituality, philosophy, theology, extraterrestrial life, sociology, and poetry. Norman also authored articles further emphasizing interdimensional scientific principles.

Ernest L. Norman transitioned into the higher worlds on December 6, 1971, leaving behind a wealth of spiritual and scientific knowledge for this and countless future generations to follow. Dr. Norman's

teachings in the form of ebooks, audio recordings, videos, and other publications are available at the Unarians United Community site: www.unariansunited.com.