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NATURE'S

MEND

FOR THE

UNIVERSE

FROM

LOGICAL SIMPLICITY

HERETICAL UNCERTAINTY

OF

INNER SPACE & OUTER SPACE

[QUANTUM & COSMIC]

BY
kevin I olson

For your Special Day
I wrote something to try to take your breath away.
Here it is
Written May, 27, 2008

Past ourselves and into the deep.
A journey long takes place.
A man so inquisitive wants to see nature's true face.
A thing so beautiful he was taken for a ride.
A ride that has yet to die has ripped a mask apart.
A mask forged of hardened things.
Forged by those of lesser heart.
Where there was darkness there's now a great light.
Invisible to those who think they are right.
Now an idea complete will fight for nothing less than to reveal its great light.

Happy Birthday Dad!!
Love
Jeremy

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by
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this WORK is

dedicated

to

my son

Jeremy

for

his

dreams

this WORK is

driven
by

UNDERSTANDING
IS-REAL-LIGHT

“The designs in a man’s mind are deep waters, but a man of understanding can draw them out.”^E

Solomon¹

“Imagination is more important than knowledge”

“The most incomprehensible thing about the Universe is that it is comprehensible”

Albert Einstein²

[In his long search for a unified theory, Einstein reflected on whether

“GOD could have made the Universe in a different way;
that is, whether the necessity of logical simplicity
leaves any freedom at all.”]^B

“There are things known and there are things unknown and in between are the DOORS”³

“Let’s just say I’m testing the bounds of reality”³

Jim Morrison – ETAL. Ray Manzarek, Aldous Huxley, William Blake

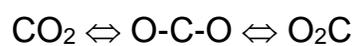
“An intelligence that, at a given instant, could comprehend
all the forces by which NATURE is animated
and the respective situation of the beings that make it up,
if moreover it were vast enough to submit these data to analysis,
would encompass in the same formula the movements of the greatest bodies of the Universe and
those of the lightest atoms.

For such an intelligence nothing would be uncertain,
and the future, like the past, would be open to its eyes.”

Pierre-Simon de Laplace⁴

special mention

of



the

Voluptuous Serenity

of

gasoline & matches

&

the

Luscious Luminary

of

everything is relative

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PROLOGUE

(THE BEGINNING SUMMARY)

NATURE'S MEND FOR THE UNIVERSE • FROM LOGICAL SIMPLICITY • HERETICAL UNCERTAINTY

NATURE – That mysterious feminine aspect of everything that makes all things better around us, and gives us that feeling of comfort, like being cuddled in mothers arms. Often times called “Mother Earth”! In this work “MOTHER of mothers”! Could SHE be the WIFE (Intimate Companion) of GOD? Isn't there an old saying, “Behind every GOOD MAN there's a GOOD WOMAN!”? However, in this case it might be just the opposite, “Behind the ONE GOOD WOMAN there's ONE GOOD MAN!”! And in finality THEY just maybe ONE & the SAME POWER!

MEND₁ – Mater Energy aNd Dynamics of everything moving. The earth, moon, sun, stars, and all others (et al.) are moving in Outer Space. Electrons (the smallest of NATURE'S known point particles) are moving through Outer Space (The Largest of Large Spaces) and in Inner Space (The Smallest of Small Spaces) where even bed bugs are giants and can't hide. You may have heard of quarks also, but their ball (sphere) width is almost 10 times that of electrons.

MEND₂ – also *fix* and *repair* of something that is incorrect and/or broken. In my opinion current Theoretical Physics is broken. I'm not trying to fix it [Theoretical Physics]. I'm only trying to let NATURE show me HER way through my dream.

Logical Simplicity – Reasonably expected without difficulty. NATURE'S acting in a way, that we can all understand and not in a way that requires bizarre quantum physics (current smallest of small places physics); mathematics; linguistics (fancy language); and multiple physical dimensions beyond three (3). For you see today Theoretical Physicists think we are 7 or 8 beyond NATURE'S PHYSICAL 3. They think we are living in 10 or 11 dimensionality.

“Although physicists have mathematically demonstrated these mysterious equivalences between theories with different numbers of dimensions, we are clearly still missing the big picture. . . . Facts so bizarre cry out for a deeper explanation. . . . But a deeper understanding of the fundamental nature of space and time clearly remains one of the biggest and most intriguing challenges for physicists in the coming years.”^A

Some of Dr. Lisa Randall's wondering on “*What to Think?*” from her book, “Warped Passages Unraveling the Mysteries of the Universes Hidden Dimensions” Copyright 2005. And in the end of her book everything was still a big mystery.

Light will shine on the darkness of these mysteries in this work!

Heretical – of or having to do with heresy or heretics. Heresy – a belief different from the accepted belief. NATURE'S MEND is different from current physics theory in a very small way, smaller than you may ever imagine; and in a very large way larger than you may ever imagine.

But in 120 billion years or more one small wrong turn can make a very large universe of divergence [moving away from NATURE'S REALITY]. Yes the COSMOS could be 120 billion or more years old versus 20 billion years old that they think in current theory.

“There is a fine line between reading and repeating (talking) and reading and understanding (knowledge)”^{klo}. Often times crossing over this line requires that accepted thoughts be questioned

and put to the test. It requires that which can't be true be considered as true. As a fortune of a fortune cookie I ate stated – “Only one who attempts the absurd can achieve the impossible”. NATURE'S MEND will do that in seeking the questions to answers of life on earth and every where, and it is different from current theoretical physics at the core, at the very beginning in both SMALL and LARGE.

Keep in mind that: *“it is the customary fate of new truths to begin as heresies!”*

So this may seem like the ramblings of a crackpot, it may not be. If it turns out to be, every one can have lots of laughs. Laughter is good medicine after all. If it turns out not to be crackpot roaring, and is the TRUTH of NATURE we can all have a better understanding of life & LIFE and improve life for all of mankind because of our deeper basic understanding of NATURE.

Uncertainty – when I began this trek into the theoretical physics of the COSMOS (Outer Space) and QUANTUM SUBATOMIC (Inner Space, the stuff of and inside atoms), I wondered if I had lost my mind to all the strife that had littered my walk of life. Had my mind curled up inside itself? Was I doing this for my own insane amusement? But, some of the greatest works come out of those who seem out of touch: Solomon & Socrates, and that's why “CRAZY”^C by Gnarlis Barkley has become my theme song.

[I remember when, I remember when, I remember when I lost my mind • There was something so pleasant about that place • Even your emotions have an echo in so much space • And when you're out there without care • Yeah I was out of touch • But it wasn't because I didn't know enough • I just knew too much • Does that make me Crazy • Does that make me Crazy • Does that make me Crazy • Possibly • And I hope that you are having the time of your life • But think twice, that's my only advice • Come on now • Who do you, who do you, who do you, • Who do you think you are, Ha ha ha bless your soul • You really think you're in control • I think you're Crazy • I think you're Crazy • I think you're Crazy • Just like me • My heroes had the heart to lose their lives out on the limb • All I remember is thinking I want to be like them. • Ever since I was little, ever since I was little • It looked like fun • And it's no coincidence I've come • And I can die when I'm done • But maybe I'm Crazy • Maybe you're Crazy • Maybe we're Crazy • Probably]

Could I trust in some one as intangible (something you can't see, touch or feel) as the SPIRIT of NATURE and not force fit my brainwashed understanding of everyday onto HER?

I trust in GOD without religion, so I thought I'd give it a shot.

Could all of theoretical physics have taken a detour that's on a Dead End road away from NATURE'S TRUE REALITY?

I wasn't sure (certain) about this NEW THEORY when I began, but after stretching the canvas (outlining the thoughts of the big picture) clarity appeared that this just might be more than insane or another childhood experiment.

After completing the third bulking of the work it appears that everything missing in current theory can be answered by NATURE'S MEND! So I'm exposing it and myself to the world to condemn or commend.

Why is one compelled to do such things? A question that's been asked of me many times! And a question I've asked myself many times! When I talk to people they tell me I have too much time on my hands. Do I? Or do I use more of the time I have differently?

As I reflect, my life began to unravel at the beginning of this new millennium and it completely unraveled in the first half of 2005. The people that raised me say I had a midlife crisis, and they orphaned me because I walked out on a wife and married life. They gave up a son for a daughter (my X-wife). What they didn't want to admit is that the crisis was external not internal and all they did was add to my distress. I've been trying to put some semblance of living back together ever since.

I'm up between 4 & 5 AM and down between 10 & 11 PM, sometimes much later. So I usually get five to six hours of sleep each day. That leaves me 18 to 19 hours to play. I have a 21-year-old son, my rudder, and we played a lot: I had joint legal and physical custody, equal split of child support, and no alimony until he turned 18. He was with me all summer, school breaks, and three weekends a month with the flexibility to float back and forth as he wished. I worked about 2500 hours a year for a farmer, which was more child's play. That left me a little bit of time to foray into other people's play. I call it play because aren't we supposed to have fun at home and work?

So I'm having some fun with NATURE'S WAY and theoretical physicist play. But don't be scared away! I will try to make it every day (regular with common understanding)!

Is it all about the physics, the math, or the picture? As mentioned earlier some current theoretical physicists admit their math and physics is missing the big picture. Maybe there is some underlying spirit or translucent power involved [NATURE-GOD-BOTH]?

After 23 years I walked out on a relationship because I had lost all trust, confidence, and hope in my partner. I feel the same about current theoretical physics. What I had come to realize was that which defines a wife never was. The darkness and difficulty that ensued, I will not detail; it's been outlined in a short book of poetry called, "MY TURBIDITY" (Turbidity – a thick, dense, dark introspection of my life). Leave it to be said the year and a half that followed, was a massive train wreck of emotions and doubt. Even in GOD, wondering and contemplating why one individual should suffer so much. Maybe it was just fodder for this preface, and shock to tickle my sleeping gray matter into consciousness for this work. Acceptance and time may never tell, but what the hell.

As I reflect back for a moment, acceptance has never been a goal. And that's let me stroll freely through life to do the right things. And as this has grown and been internally vetted (challenged) it seems more and more to be the RIGHT THING: the WAY of NATURE: NATURE'S FIX & REPAIR (MEND) for everything!

My son and I have had our ups and downs, mostly because I live on jet propulsion emotion and expect perfection, and I express what I feel explosively in speech, poetry, and this book. I'm trying to mellow in aging. I'm living (playing); mostly far out beyond left field!

Don't be surprised if you're a physicist in the current theoretical dismay and darkness of extra physical dimensions with strings and it stings a little or a lot. It's often said, "The TRUTH hurts!"

My son and I developed a collective around movies. More than watch a film we listened for quotable lines: short snippets versus long drawn out melodramas. We test each other by arbitrarily in space and time dropping a line hoping to catch the other in a stumped moment. It rarely happens! Now the game has expanded to lines that are repeated between various movies. If you haven't

picked up on this while you watch, listen more closely to the lines in movies and you will be surprised how often repetitions occur from movie to movie.

For example, you're probably thinking it, so I will say it, "What's going on here?" This is a line from "Dances with Wolves", "Legends of the Fall" and others. And what's going on here is a lead into a whole different way of looking at how NATURE operates in the world around us without changing what we see, how we see it, and when we see it in our Common Space day to day lives.

However, the way some things are defined will change. Even the most unchangeable will change, supported by the past genius of Aristotle and Einstein. Nor, does it hide anything in the dark or in extra dimensions. It is a simple, logical, elegant living portrait of NATURE in three (3) dimensions through TIME.

What's amazing is that some of the brush strokes (thoughts) of the past will show up in this new picture. But they will be much more integrally (working together) connecting the fullness, completeness, simplicity, and beauty of NATURE'S Portrait, than abstract and absurd splashes of paint in the dark. The brush strokes are much like repeating lines in the movies, which brings me back to the opening questions of this introductory summary.

Why is one compelled to do something like this? Is it all about the physics, the math or the picture? Or is there some underlying spirit or translucent power involved? Is there just ONE GOD?

The movie "RED PLANT"⁵ confronts all of these questions and in the end man saves mankind: as it is with the outcome of the movie "Armageddon"³¹. Did you know Armageddon is not the end of mankind as stated in the movie, but occurs at the pouring out of the Sixth Bowl of Wrath? This is discussed in Revelation Chapter 16.12 – 16.

If you go and read these verses note the discussion of three foul spirits over the kings of the world for war. Are three foul spirits of religions not leading the current World War over GOD? All three claim to follow the WORD of GOD! If there is ONE GOD who CREATED each one of us, do you think IT would support us killing each other in ITS NAME? And what is all this warring doing to NATURE?

The Seventh Bowl is the beginning of the end! Sorry for the sidetrack, but I believe that religion has the wrong picture of GOD, like current theoretical physics has the wrong picture of NATURE. I've been wrestling with GOD my whole life and now I'm examining HIM and putting HIM to the test in this work of NATURE'S MEND for the UNIVERSE. An ANCIENT of DAYS prophet said "Let us test and examine our ways". Will HE survive with HER or will SHE conquer HIM?

Nothing is sacred in this effort: not even $E = mC^2$!

Let's go back and consider these questions in a little more detail. As the old saying goes "There are two sides to every story" as it is with mine. My X-wife had lost a lover to an untimely death before I came into her life. She would never risk giving her love to another because of the pain and suffering from the first loss. She forsook all things to hang onto what she had so the memories would never fade. She stopped living (acting) and she relived (reacted) to the past. I can now understand and forgive (it's been over eight years). But, I will never trust anyone again!

And those are the two sides of this story. Current physics is built on reacting to alterations to 300 years of Newtonian Theory (Gravity) and 100 years of Theoretical Quantum (Inner Space) Physics. NATURE'S MEND is acting on what NATURE can, is, and will do both in the COSMOS

(Outer Space) and the QUANTUM SUBATOMIC (Inner Space) from beginning to end, from long before we or any other living creature ever existed and long after we have ceased to exist.

Theoretical Physics, in an overall sense, is the way they guess at what's going on here in Outer Space and Inner Space. *Atom Smashing* is the way they test these in the current standard operating process of discovery in Inner Space.

What you will find out is that some of the guesses are very close in brush strokes to what NATURE paints. And the color of the guesses comes very close, almost exact, to what color the testing reveals. So I must be crazy in the sense of the word or the song? I either don't know enough or I know too much! Maybe this is just fanciful fiction or an insane addiction for knowledge?

"Why is one compelled to do something like this?" Is it for the past history of mankind (react)? Or is it to fix and repair a failure of mankind (ACT)? And the first is the opening to the movie "RED PLANET"⁵. The earth is in dire straits so mankind needs to react. They do so by first trying to remotely build a breathable atmosphere on Mars. When that fails, after starting out very promising, they travel to Mars to find out why it failed. The two lead characters are, "Commander Bowman" – Carrie-Anne Moss who was also in the "Matrix"; and "Gallagher - The Space Janitor" – Val Kilmer: ["The correct term is Mechanical Systems Engineer"] who was also in "The Doors", "The Saint", and was "Ice MAN" from "Top Gun".

For me, I was compelled to act on a dream and see if asking the right questions could prove the answer. This sentence may seem backwards, but a professor in college use to say, "I've given you all the answers, now you just need to figure out the right questions." And that's what I learned after graduating college. College teaches you how to answer questions, but really doesn't teach you how to figure out the right questions. In real life engineering the problem is the answer. Sometimes it's a good answer and sometimes it's not. Either way you have to figure out the correct set of questions to resolve the problem/answer for the client. Can you guess who saves the day in Red Planet? "Yep", the "Space Janitor" – "The Mechanical Systems Engineer"!

As I reflect back some more, to my childhood, experimenting and investigating have always been a part of my life. I have some vivid memories of my childhood. At 6 days old my brother fed me "M&Ms"⁶ – [So I've been told]. When I was two I ate fresh Copenhagen⁷ fine chewing tobacco snuff – [This is my earliest memory]. And when I was five I went head to head with my grandfather for a Five Pack of Wrigley's Juicy Fruit⁸ gum. It comes in a bright yellow package. His keys wound up in the gas tank of his pick-up truck over the gum battle. The Copenhagen can and yellow five-stick pack of gum stand out in my mind as though they're in my hand today. The snuff came from the same grandpa. My dad and he got the keys out of the gas tank without too much trouble. I didn't get in trouble, but I don't remember if I got the gum. I've been told he favored me after that. I'm not sure if it was out of fear or respect for standing up to him. I hope the latter! My grandpa passed long ago! His name, I memorialized in a poem of mine about "Living History Farms"⁴³ which is an open air historic museum by Des Moines, Iowa USA.

As a kid I use to build earthen dams with my Tonka⁴⁴ toys and fill them with water to overflowing. Then I would watch as the water eroded and destroyed the dam as a trickle turned into a torrent. Then, "They let me play with Explosives."³¹ A line from another movie, but for me it was real life. The explosives weren't big ones, Lady Fingers and Black Cats, firecrackers from the Fourth of July. I would blow up plastic models of planes in the winter. I drilled the engine out and fit a Black Cat in it, lit it, let it burn a while, and then tossed it into flight just before it blew up. Not the safest thing to do! Then I could look at and analyze the debris field left on the backdrop of white snow. I've even taped bottle rockets to paper airplanes, too much heat for the paper and they burned up in a

hurry. One Christmas, (I no longer celebrate religious holidays) I was given a chemistry-set, boy was I in HEAVEN! HOPE to be again someday! You don't need religion to make it! I was able to make ink; have a close up look at my skin; and have a personal Inner Space adventure looking at my blood.

Eventually they let me have a rifle (gun). It's just one of those things growing up North Dakota and living on a farm. I recall a Lone Ranger and a GI Joe figure becoming ballistic dummies one winter. You could pop them apart and fill their hollow bodies and heads with damp tissues and then soak the tissues in red food coloring. My mother wondered what happened to all her red food coloring. You could stand them up in the white snow and shoot them and evaluate the physical reaction and splatter patterns of the fake blood. The material they were made of let you do this repeatedly. Maybe that's where I learned to shoot so well, "Aim small miss small"⁴⁵: just the opposite is occurring with a current physics experiment and will be discussed later related to particles and waves.

When I wasn't playing, I helped my dad fix machinery and wondered why engineers did what they did? My mom taught me gardening and thinking of others! I spend a lot of time thinking about things and others around the world.

How sad it is when a magazine article had to publish that in the Iraq war the kill ratio of them to US was 20 to 1. We've lost over 4000 in Old Babylon, which means they've lost over 80,000. Politicians playing war – they're more absurd than current theoretical physicists! It's been a few years since I checked the numbers: it's just so sad! Why would they ever want to stop hating US?

I also wonder about physicists and engineers! I took a drawing class in Junior High and I was always able to imagine the 3D object from just two views (the views had the hidden lines shown). It seemed like I could do anything with my hands and math that my mind could come up with. I made a gumball machine in High School out of wood that needed a penny and a little hand and wrist action to get a gumball. I kept the penny after allowing others to test it. Some kids used little washers. Not a big deal, I was thrilled that it worked. My shop teacher came up with an ingenious key and lock system to keep the gum and tokens from being snatched.

I went onto college to be an Architect and acquired a degree in Mechanical Engineering. That's another story. College expanded my math substantially. But it didn't seem overly challenging so I didn't work as hard as I should have. My Thermodynamics teacher saw me playing an electronic game one-day in the student center and he looked really disappointed. I've lived with that ever since. So maybe I'm trying to make up for a less than stellar effort in college with this work.

Though, I remember once completing a two-hour Calculus final in 15 minutes. When I got up and turned the test into leave the professor asked me, "Kevin, is everything OK?" I said I was done. The rest of the class stopped and looked at us as he flipped through the test and then said, "OK, you can go!" I got an "A" on the test and in the class. Three friends in the class were mad at me. The night before they wanted to study, and I told them, "If you don't know it by now you're not going to. I'm going to the bar!" They went to the library and I went to the bar. Though, less than impressive I graduated with a BS and a 2.83 GPA. Doesn't sound like much, but all my liberal arts were "Cs". I think I had one "B". A few technical classes had dropped into these levels also. If you asked my professors, all of them, I would be averaged as a poor or lazy student.

I wanted to prove to myself that I could do better and went on to graduate school. I completed my graduate courses in thermodynamics and fluids with a 3.87 or something around there. A wife sick of me being in school and hungry for money resulted in my leaving school without completing my Master thesis. Maybe this is it? Or maybe this is just BS [bull shit] piled higher and deeper [PHD].

Or maybe I should say my son is driving me on! When he was five, he said to me as we drove down a highway in Ohio, "Dad, you know those stub-nose (looks like a big square box) semis are not as good as those arrow-nose (looks like a long lean racing machine) semis. Those stub-nose semis push up against the air and the air pushes back on them. The arrow-nose semis just slice through the air." I said that was a pretty sharp observation, but how did he figure it out? He looked at me with a scowl (angry look of you are questioning me) and said, "Isn't it just obvious!" I said, "Maybe for someone with an aerodynamics (the study of how air flows around objects) background, but not for someone who is five years old." So when he was in fifth grade I helped him with a science fair project to prove his theory. We built a small wind tunnel and two small models and tested each model. We proved his theory was correct and even had Freightliner⁴⁶ (One of the big semi manufacturers) confirm our findings

I've spent the last 30 years in the process engineering field from utility master planning; indoor environmental control; chemical processing; food processing; and beauty and health care product processing. You have probably used or eaten products that I've been involved with. You've trusted me for years and never knew it.

I'm not asking you to trust me now, but just give me and this New Theory a little time and consideration. You might be surprised at how many correct questions it comes up with to match the answers NATURE gives us every day that the current theoretical physicists can't explain.

You may have heard the stories about famous people leaving notebooks beside their beds and waking up from dreams and writing the dreams or ideas down. Me to! Well in addition to this I heard that if you focus on something just before you go to bed you usually dream about it. So I began experimenting (I'm still a kid at heart) on difficult engineering and project management problems. It worked! I could work on my projects in my dreams while I slept. Sometimes the dreams were arbitrary. No man (generic) is perfect, but NATURE and GOD could be in Simplicity!

Sometimes these arbitrary dreams became reality. So when I dreamt in April of 2007 that "*the physics of the UNIVERSE is not what we think it to be*", and that's the extent of the thought of the whole dream, I was compelled to look for the TRUTH or FICTION of it. And therein lies almost the rest of this story. Lies in the sense stored or kept versus untruth. It is a linguistics (words and meanings) issue, which will be discussed shortly and elaborated on later.

I asked myself, "Where do I turn to start this search for the reality of this dream?" [Understanding completely that the *reality* could be TRUTH or FICTION]. I started conceptualizing [visioning] before the Big Bang (Creation Theory) drawing on my explosive experiments as a child, mixing in all the other aspects of my life, education, and work. And sometimes, most times, fate kicks in an added spice! TIME Magazine came out with their TIME100^{34.a} [SCIENTISTS & THINKERS] in the spring of 2007. And in their list was a Scientist & Thinker named Lisa Randall (the one that thinks they're still missing the big picture) with the inscription "A physicist jolts the boy's club by reshaping the universe" and she had written a book called "Warped Passages – Unraveling the Mysteries of the Universes Hidden Dimensions." I wondered if her reshaping was in-line with my rethinking.

The book was purchased May 11, 2007 and the first reading completed 30-May-2007 at 7:28 PM (CT). You'll catch on I'm anal about certain things! Maybe everything! Maybe it's the specific nature of a "Crazy" engineer? The second reading and studying was started the next day and completed 10-Jul-2007 at 7:06 PM. I was doing this work all the while working full time plus for the local farmer. How an engineer becomes a farm laborer is another story for a different time. I still do some specialized consulting.

It was a great book and helped me understand the BS, MS, and PHD work/slang of what is going on in current theoretical physics. However, it did not help me with what I was thinking about NATURE and what SHE is doing. So I read some more, studied some more, and worked and thought harder about NATURE and what SHE is up to versus what they think SHE is doing.

“Death by Black Hole and Other Cosmic Quandaries”^D by Neil deGrasse Tyson Copyright 2007 hard cover was analyzed from 09-Jul-2007 to 28-Aug-2007. I didn’t think the title had much to do with the content or conclusion. A better title would have been “A Grandiose Look at our Universe”. It’s a good book and looks at lots of stuff, but the author missed the wobble of the earth around the sun and thinks it does loop-to-loops. If it did the earth would be one sick place! Ever done a loop-to-loop on a roller coaster? Maybe he’s right? So be careful in believing what you read. Even in reading this work!

“The Elegant Universe – Superstrings, Hidden Dimensions, and the Quest for the Ultimate Theory”^{B.a} by Brian Greene Copy Right 1999, 2003 paperback was attacked on 29-Aug-07 and finally defeated 02-Jun-08. The majority of the detail of NATURE’S MEND had been completed in April ‘08. I had stopped part way through this book and didn’t think it was worth finishing. I’m glad I finished it. For the picture of String Theory [The leading edge of current theoretical physics] and NATURE’S MEND have some very interesting similarities in brush strokes. I then attacked another of his books, “The Fabric of the COSMOS – Space, time, and the Texture of Reality” Copy Right 2004 paperback. This battle was started on 10-Jun-2008 and conquered on 16-Jul-2008 at 8:32 AM. It was also worth reading and completing.

And last but not least, though it has the least pages at around 128, “Flatland – A Romance of Many Dimensions”^K by Edwin A. Abbott from 1884. A book referenced by the previous authors. It deals with living in the two dimensional space instead of three dimensional space that we exist in, in The “Really Real World”⁹ of our common space.

I had marked up “Warped Passages” and flagged it with sticky notes. When I read the others I made footnote numbers in the books and wrote my comments down in spiral binders. But, nothing helped with what I was working in, on, and out with NATURE. The more I read about current theory, the more they were missing the big picture as Lisa had admitted, and the little picture (The subatomic that they are bashing with giant atom smashers). Were they missing the COSMIC TRUTHS to SUBATOMIC ties? Or maybe it’s SUBATOMIC TRUTHS to COSMIC ties? Or maybe they’re just missing the beginning of it all?

I’ve read some 2000+ pages of books on theoretical physics and the COSMOS and many additional articles over the past several years. I’ve always been fascinated by the twinkle of little stars from that old nursery rhyme, how does it go, “twinkle, twinkle little star, how far I wonder you are?”⁴⁷ And I’ve accumulated some 300 pages of notes on what they are doing and what NATURE’S doing. And now I’m trying to add my own collection of pages to the mix.

From my perspective I am clearly alone against the gods of theoretical physics and mathematics. But, am I against NATURE? Am I against GOD? I knocked on many doors and as of March 2014 have not been acknowledged once. One organization sent me a request for money without even noting that they had received my submittal. I’m left wandering and wondering, “Who do I turn to?” Those who are interested in OUTER SPACE and INNER SPACE and are willing to consider the bizarre? Maybe then a groundswell will build?

Throughout my engineering career I've worked on things that no one else at the time was able to solve and I was able to solve them. I was always working in my mind no matter where I was! I'm sure that didn't help the wife life! I was always making the extra effort for the client.

So often it was about looking at the big picture first, before looking at the details. One time I was working on a new thermal energy storage system (making ice for air conditioning) to cool the buildings of a college campus. The college had had problems cooling the buildings on the North West Side of the campus after completion of the south half of a campus master plan (a plan how the campus was to expand). My boss and I knew this had to be resolved before I designed the new system.

I had been working on the project for a few days leading up to a client meeting and the morning of the meeting had solved it through broken symmetry (something out of balance). The engineering details showed that the energy was balanced across the campus. But when I looked at the big picture of the whole campus and the system, the chilled water flow (the stuff that moves the cooling energy (the cold water) around the campus) was not balanced with the chilled water production equipment (the machines that produce the cold water). It's like having too much beer to fit in your cooler; some of it is going to get warm. You can mix warm and cold beer, but it isn't as good as real cold beer or good air conditioning on a really hot day. I scooped up my files; met the boss at his office; and went to the client meeting.

During the meeting the issue of cooling the North West Side of the campus came up. I said it was an easy fix and explained what needed to be done as part of the new project. The client seemed pleased and my boss didn't say anything. After the meeting my boss throttled me on the way back to the office. He said the fix wasn't that easy and that some of the best engineers in the city had looked at it and couldn't figure it out. I said it was that easy, and I would show him the big picture when we got back to the office. I did and he agreed: it was that easy.

The project used more energy, but at off demand times so it reduced the client's monthly energy costs substantially. "Used more energy?" your thinking! You have to look at the whole picture, from point of generation by the utility company to point of use by the client to capture the energy savings. It's back to looking at the whole picture. A power generating plant that runs at part load is generally less efficient than if it runs at full load. Like driving a car, if you run at a constant high speed your gas mileage is better than if you're on and off the gas and brakes all the time at low speed. That's why highway mileage is better than city mileage on those new car window stickers. Most utilities peak in the afternoon hours from 5:00 PM to 7:00 PM when most of us are home from work starting to cook and doing laundry with the air conditioning on.

The company I was employed by in the above project example, I say employed by, because I always worked for my clients, had multiple offices in different cities. One of the offices in another city had been marketing a large processing client five blocks from their office. One day the client stopped in the office or had called them to give them a project. The project was a multimillion dollar processing expansion that needed to be operating in six months. No construction plans for the process systems engineering had been started. The local office said they were too busy to respond that quickly. They said they had another guy in another office that might be able to handle the project. That guy was me! My boss, the same one from the other project came to me with the client's request with the added kicker, "The client has used several nationally known consultants in the past and all the projects have ran over budget 50 to 250 percent and none have ever met schedule. The other office is too busy and they thought you might want to do the project." I wondered, "Did they

want me to do it for the clients benefit or to fail?" I tell it like it is and I drive every one to perform under higher expectations. Most don't excel in this kind of environment.

I told my boss I would review it and let him know in a couple of days. After reviewing it in detail I decided that it could be accomplished with a handpicked team, (I talked to the other three team members before replying to my boss) and for a fee of \$80,000. I told my boss that I would take the lead on the project if they would let me hand pick my three team members and that no one else in the company could use them for six weeks (that was the engineering and design schedule the team had worked out in advance of my meeting with the boss) and that I wanted \$80,000 in fees. He called the other office and a meeting was set up with the client. The piping designer and I met with the client. They gave us what are called "As Built Drawings". These are supposed to match perfectly with what is actually installed in the plant. Another thing I'm anal about is trusting in anybody else's work.

The first thing the piping designer and I did was to go out into the plant and verify every one of the as built drawings. We found several errors in the details of the big picture. We met with the client a week later and showed this to them. We had to go out into the plant three times and physically show them where the drawings didn't match the actual installation. We began to build a trust relationship of looking out for them and the importance of having the correct picture to begin with. The project went operational in five and one half months, with less than a half of one percent in extra costs. Most of the cost overage was due to me missing an error while back checking my markups at 2:00 AM the day of issuing the design for bidding (my original mark-ups were not clear). We had been working a minimum of 80-hours per week for six weeks. The first six weeks of my son's life.

The client was very pleased and began calling me directly for support. The local office was not happy and the management tried to pressure me into giving the work back to the other office. I told them, "I thought our motto was 'Continuous Quality Improvement with Team Performance' and if the team performed for the client why change the team when they've asked for the same team." I then discussed the possibility of a team change with the client. He just shook his head and said, "We'll just give you all the work". Nothing more was said about it and we performed again to the clients new expectations of project completion ahead of schedule and within budget.

The whole point of this story is not so much about the people and politics, though they are players, it mostly about having the correct big picture with the correct engineering and design (the correct physics and engineering) for a successful completion of any project. So NATURE'S MEND is my looking for the extents of the BIG PICTURE of Outer Space and then challenging it with Inner Space and Outer Space details.

The most important thing to do is develop the big picture first and then detail the physics and engineering. As it was in "Red Planet", it's more about the picture than the math, physics, and engineering in the beginning. And in the end it's more about making the extra effort, never giving up, for the client whether that is Mice or Mankind. And here's the Catch-22 [Catch-22 – "a condition intended to deceive or cheat by its hidden complicated or perverted nature, especially in spite of efforts to override such a condition;"]. If you look at the big picture incorrectly the best math and physics and engineering is in the dark – like it is today. If the big picture is right and the math, physics, and engineering is wrong you're still in the dark. There is a lot of darkness in current theoretical physics today.

We need to see the correct big picture of NATURE, and then resolve the correct math, physics, and engineering to have the correct solution. We need to work together for the ultimate resolution to NATURE'S portrait. I have real life example after example where engineers have been in the Catch-22 of systems engineering and I've been called in to fix the hole for the improvement of

the whole. It's usually because they focused on individual parts to highlight one part of the picture: the peak demand of the system, instead of looking at the Whole System over time. It's like tuning a NASCAR car to be a top end performance dragster and forgetting it has to throttle down coming into corners and the pit, and idle while it's stopped. It sounds crazy, but it happens every day in the systems engineering world! You're probably working in an out of tune building today. And if it gets bad enough it's called "Sick Building Syndrome!" They're not sure how to fix it they just know it doesn't work. And that is the condition of the minds of current theoretical physicists.

Everything I've read to date indicates that current physics theory is still missing the big picture. And it is a big picture. They're not even sure how big the picture is. They can see some 14 billion (14,000,000,000) light years away from earth so the Universe is 28 billion light years in diameter. Light travels at 186,282 miles per second; and there's 31.536 million (31,536,000) seconds in a year, not considering leap year. Light has traveled a long way from what they can see: 14,000,000,000 light years x 186,282 miles/second x 31,536,000 seconds/yr = 82,244,248,130,000,000,000,000 (82.24424813 Sextillion) miles. Not a trip you could take in a lifetime of life times. But beyond that it's all fuzzy and gray as to what's outside visible Outer Space. Because of the way they look at light speed and its travel, and time they think the universe is really 14 billion years old. 14, 20, or 120 billion years old – does it really matter? It's damn old!

When they look back into the past, before their big bang, and now what they call the pre big bang inflationary period, Higgs Mechanism they're stumped. At this point most give up and go on their merry way leaving the darkness to others dismay. Others turn and pray! Here I am, wanting to play.

Scientists today have a tendency to kill GOD off and go on their human way. In "Red Planet" there was another character "Chantilas". While on their way to Mars Gallagher and Chantilas were having a philosophical conversation. Chantilas responded to Gallagher's comment with, "Does that mean we should give up and not try?" Gallagher asked him, "You didn't just give up on being a scientist one day did you?" Chantilas responded, "I realized science couldn't answer any of the really interesting questions so I turned to philosophy. Been searching for GOD ever since." They killed Chantilas off by letting him die after a crash landing on Mars, so it could be up to mankind to save the day. Maybe the correct science with the correct big picture can answer all the interesting questions or at least encapsulate the possibilities including that mysterious personality (indeterminate – not easily defined or found) GOD!

For me, I've been searching for GOD my whole life, always keeping HIM at bay from my science play. So when I went off to stray in this crazy way it was OKAY. I left that bridge for another day. I set GOD aside and decided to leave HIM out of the fray, if HE wanted, HE could come and play.

The big picture of this new way is all NATURE MADE! And it comes to LIFE as a little math and physics join the parade. Don't be afraid it's not a scientific charade like the current theoretical physics cascade of guesses on "what's going on here?" with black holes, dark matter, dark energy, strings, extra dimensions, branes, bulks, and "Incredible Hulks"⁴⁸ Gravity!

It starts with a grand concept; answers some current theory questions; and looks at some current theory principles. It then jumps back and forth between Outer Space (COSMIC) and Inner Space (Quantum SUBATOMIC) challenges looking for holes in the Whole [the grand concept]. And in the end puts it all back together like birds of a feather flocking together.

PROLOGUE

To set us on our way we will need to establish some rules for play. Then we will look at a brief history of physics from yesterday to today, and where current physics has begun to stray. Then we will contrast how NATURE plays with their forays. Then we will adventure into my dream and NATURE'S SERENE (bright, clear, and fine blue light) Understanding!

When we end we can step back and look at the whole of the PORTRAIT of NATURE: a "Mona Lisa" with that mysterious smile of understanding beyond mankind! A portrait and a smile crafted by the versatile genius and understanding of Leonardo Da Vinci. A man far beyond his time!

As Einstein also said, "The most beautiful thing we can experience is the mysterious. It is the source of all true art and science".

Time will tell as NATURE reveals HERSELF in MEND² [Matter Energy aNd Dynamics & Fix & Repair]!

As Henry Wadsworth Longfellow noted, "It is curious to note the old sea-margins of human thought. Each subsiding century reveals some new mystery; we build where monsters use to hide themselves."³⁸ And that's what NATURE'S MEND is doing, building (shining light) where current theory unknowns hide themselves (in the dark)!

I invite you to step into a great light, not of religion, not of physics, not of math, not of man, but of NATURE, and that can give you that feeling of warmth and comfort.

Thank you, for considering this work of a CRAZY engineer! Sincerely & Respectfully!

Very Truly Yours!

kevin I olson

You may wonder about my name being in lower case? I do this to remind me of my servitude to mankind as an engineer; to maintain my humility before GOD; and my contriteness for how we treat each other and NATURE. These are all things in the foundation of the ORDER of the ENGINEER⁴⁹. However, like all memberships these days, membership in this Order is more about fluff than stuff for most. But I keep them in my mind and hold them with my spirit for daily living and consulting.

MATHEMATICS & LINGUISTICS

(NUMBERS AND WORDS)

Because both mathematics and linguistics can stray a long way from common sense, their use in this book is very limited. However, it is a book of theoretical physics and uses physics terms as part of its body. And physics terms generally involve mathematics. The mixing of brush strokes discussed in the Prologue. Let's set some ground rules for this foreplay with NATURE with the definition of these two words; Mathematics & Linguistics. Then we will play with physics, religion and politics for examples of mixing numbers and words.

Mathematics: *The science dealing with the measurement, properties, and relationships of quantities as expressed in numbers and/or symbols.* I would add it is how we use numbers and recipes to figure things out. In this work its use will be very limited to three key themes that will be discussed shortly and expanded on in the body of the book.

Linguistics: *The science of language* (The words we use to describe the things we do and how the things we do work). In this case the words I will use to describe NATURE and the things SHE does and how they work. I will use some big words, but include definitions^{G.b} with them. Some little words will also have definitions.

Let's expand our mathematics for this work just a little bit. Three times, actually, but with reference to Common Space day to day things. The first expansion will be like the ingredients of a recipe card. The second expansion will be motion in two sporting events. And the third expansion will be related to explosions and their effects.

Now we can also define Science: "*Knowledge based on observed facts and tested truths arranged in an orderly system: the laws of science, pure science. Science is verified knowledge; that is, knowledge that can be validated and communicated to other people.*"^{G.b} (George Simpson). Poor George didn't make it into the World Book^{G.a} encyclopedia or I would have given you a little background on him. I will try to keep my definitions of NATURE and HER work simpler than this definition.

Was anything PURE in the past? Is anything PURE today? One just need consider that they use to think the world was flat and that it was the center of the Universe. Now we know it to be a sphere (a round ball) and it's not even close to the center. If you read the history of when these changes were first theorized those that theorized it were considered CRAZY Heretics full of heresy.

With all the current darkness in current theoretical physics there is a tremendous amount of filtering (theorizing and testing) that needs to be done to improve the purity. Really, all this work is doing is proposing a different filtering basis to see if the purity (basic understanding) improves.

With the three supporting characters of NATURE'S MEND defined for this work let's return to looking at each one with a small amount of expansion.

Any recipe has ingredients usually listed by amounts (measurements of how much of that ingredient goes into the recipe) – the mathematics; and then by words (the name of the ingredient that is in the recipe) – the linguistics. It then usually tells you when and how to mix the ingredients, and has a time and temperature for cooking the recipe – the Science. These three combined become

what is called the recipe card. Let's take a look at a well-known recipe for something good tasting to eat. We will ignore calorie counting for this work.

The following example should help. I will list the measurements and ingredients and by the end you can probably guess what we would be making:

- 1¼ cups all-purpose flour
- ½ cup packed light brown sugar
- ½ cup butter, softened
- ¼ cup sugar
- 1 egg
- 1 teaspoon vanilla extract
- ½ teaspoon baking soda
- ½ teaspoon salt
- 1 6-ounce package semisweet-chocolate pieces
- ½ cup chopped California walnuts (optional) (I like them)

1. Preheat oven to 375 °F. Grease cookie sheets. Into large bowl, measure all ingredients except chocolate pieces and nuts.
2. With mixer at medium speed, beat until well mixed, scrapping bowl.
3. Add chocolate pieces and chopped nuts. Stir in well.
4. Drop by rounded teaspoonfuls, 2 inches apart, on cookie sheets. Bake 10 to 12 minutes until cookies are lightly browned.
5. With pancake turner or spatula, remove cookies to wire racks to cool.
6. Have with real cold milk, dipping or drinking, "either way just as good". Coffee is an acceptable substitute for the real cold milk.

Okay, the above mixture of mathematics, linguistics, and science has given us the recipe for chocolate chip cookies [3Cs]. The TRUTH [PURITY] comes into play with enough people making them; eating them; and confirming that there good to eat. Marketing such as it is, one chocolate company prints a similar recipe on the back of the bag of their chocolate chips¹⁹.

This work is all about theorizing the recipe and developing the recipe card for NATURE made Outer Space & Inner Space Cookies [Objects] in motion [Physics].

If we think about it, each and every one of us every day is involved with mathematics, linguistics, and science. It was used to bake the bread, bagel, muffin, or cereal you might have had for breakfast. Did you put something on these: butter for example? Did you drink whole milk, 2%, or skim milk, or some milk substitute – SILK¹² – Soy Milk? Now was it a dark, medium, or light roasted coffee? Or was it French Roast or Colombian Roast? Or do you prefer adding cream and sugar to your coffee? Maybe it was a latte? Maybe you prefer one of those energy drinks (chemical concoction). Science has become so common place we don't often stop to think about it.

Einstein's quote on "GOD logical simplicity freedom" in the early opening of this work, page vi, makes me wonder if NATURE is just as simple as an everyday recipe card.

This work is doing nothing more than stopping and thinking about NATURE and HER recipe card for how Outer Space and Inner Space work. As we continue on in this section, A Brief of Physics, NATURE at Work, and then into the body of the book keep this and the following examples and ideas in mind and it will hopefully make things easier to understand. If not, I will be in company

with George Simpson (Not the TV cartoon character) and I won't make it into the World Book either!
LOL

Any sporting event has motion of the object device whether that is a basketball, ping pong ball or a NASCAR car. And thus the second expansion of our mathematics is motion and how fast that motion is. For example, in basketball a player can spin the ball on the tip of his finger. The faster they spin it the less it wobbles (becomes more stable) and the longer it stays in motion after they stop flicking it with their hand to make it spin. How big is NATURE'S hand and how fast can SHE spin things? With ping pong, the spinning ball is traveling through space. When it contacts the table the spinning effect can cause it to deflect in a different direction than anticipated. So if you've guessed, spin is going to be very important in this new look at NATURE.

The motion of a NASCAR car is a little different than the spin of a basketball or ping pong ball. When a NASCAR car spins it can be a very bad thing. The related motion of a NASCAR car to NATURE is its motion around the track (its orbit). And if you think about it as the NASCAR car orbits the track the earth is also spinning on its axis (like the basketball on a finger) and orbiting the sun (like on a race track) so the NASCAR car has at least three motions. But we only see one as we watch it race around the track in Common Space. It has to do with our relative position in space and what we can see. If it went faster and faster it would become a blur and you couldn't tell where it was on the track or how fast it was moving. Some might even argue, "If you can't see it moving it doesn't move and you don't know where it is at." Einstein debated with the current gods about this very argument.

The same can be said for the basketball spinning on the tip of the finger. The faster and faster it spins it would reach a point you couldn't see it spinning. And it is very difficult to see the spinning of the ping pong ball let alone the ball and predict its deflection. That's why you see the players jumping around in a frenzied absurd motion to make the next hit.

A few of the things to consider in NATURE and the extents of Outer Space and Inner Space: is how many spins are there in total? Are they the same or different kinds of spin (rotating spin like the basketball [earth on its axis]; crazy multiple direction motion with spin of the ping pong ball; or orbiting like the NASCAR car [earth's orbit around the sun])? How fast is each one? And can they be seen? It has to do with how and when ingredients are added to a recipe to support the mixing.

The last mathematical item to deal with is explosions, and that deals with dynamics (how something is moving) and energy, and can be best expressed by fireworks. As I discussed earlier these have been part of my life ever since I was little. I've even looked into acquiring a license so that I could buy them year around and shoot off the really big ones. I haven't accomplished that yet. Maybe I wouldn't be here capturing these CRAZY thoughts if I had.

Let's look at a few examples of the explosions in the dynamics of fireworks. There are little ones called bottle rockets that are about a quarter of the length of a pen and about as thick. We could say 1-1/2 inches (38 mm) long and a 1/4 inch (6.4 mm) in diameter, and are attached to a thin stick about 10 inches (254 mm) long. The best way to describe their dynamics and explosion is zing-bang. They're fast and short lived. There are bigger ones, about the size of a short cigar attached to an extra-long chopstick. The best way to describe their dynamics and explosion is zoom-boom. Just as fast for a longer time with a bigger and longer bang. Then there are the really big shells they shoot off over cities around the world during special events. I wish I could light one of those. The best way to describe their dynamics and explosion is varooooooooom-kabooooooooom. The response of the spectators is usually ooh-awe. They can shake "The Very Ground"⁵⁰ and your body. So the explosions and dynamics of NATURE are all about how big was the bang and how long lived was the display of sparks (light) and sound.

We now have a common brush stroke between current theoretical physics and NATURE'S MEND of a big bang, which will be detailed early on in the body of the book.

For now just look at the sparks in the night sky of NATURE'S Fireworks from HER Big Bang 14 to 120 billion years ago, or longer, and they are still on display. And daylight and moon-glow comes from a big spark in our solar system called the sun. The speed and sound of the fireworks shell to place it into motion: _____ - WOW – I can't even begin to describe.

That's basically it, the three components of mathematics (spin, orbiting, and exploding) of this theoretical work on NATURE and HER ways, means, and methods (how SHE puts things together to make the COSMOS go around in Outer Space and Inner Space).

Now we can discuss the linguistics of the matter.

To be clear let's start with that word *THEORETICAL*. It really means nobody knows! Take for example if I gave you a bag of chocolate chip cookies. With a little looking and sampling (tasting experiment) you would be able to tell me what they were. If I pulverized them and gave you a bag of brownish powder you would be suspicious about it, but with a little more testing, maybe not tasting, you could tell me what the powder was. The science would be more indirect, but the answer would be the same. Now, if I gave you an empty bag that was puffed up with some gas and asked you to tell me what was in the bag you would look at me like I'm nuts. Nuts here being "CRAZY" and not the kind you put in cookies to eat: just a little ping pong action of linguistics. And that's what *THEORETICAL* is - trying to explain things we can't see and that we don't understand. It is a guess at what we think is going on. This guessing in Outer Space Science beyond what we can see in the past, present, or future is called COSMOLOGY.

Things become even more difficult when we are trying to explain the things we can't see because they are far too small: this is Inner Space Science or what is called Theoretical Subatomic (Quantum) Physics. This means we don't even have an empty bag to look at. All we have is that gray matter between our ears to stir around. And they, the current theoretical physicists, stir it around with monstrous mathematics and really fancy words (erudite linguistics).

They've spent a lot of money, billions, to build machines, called atom smashers, to look inside this hidden (dark) Inner Space and they've done a good job. They found the atom, the electron, the proton, and an apparent neutron. They have also found little things called quarks, which make up the proton and the apparent neutron. But, inside that it is all fuzzy and gray. No, it is even worse than that it is all black and dark. And they want to relate this Dark Inner Space to Dark Outer Space. They have a tiger by the tail and everything and every one has begun to flail (beat and thrash) against each other into the bizarre, which we will discuss in "A Brief of Physics".

For now, we can have a little recap on linguistics, mathematics, and science.

Linguistics: The words we use to describe the things we do and how things work. Mathematics: the measure of the things we describe. Science: how the things we describe and measure work together sometimes mixing, and sometimes burning out.

Many intelligent people and not so intelligent people like to use really big words to impress upon you their intelligence. Just keep in mind that intelligence does not translate to knowledge and even less to understanding and may have no place in imagination.

In this work I've tried to keep it simple so as not to spend too much time in the dictionary^{G.b} and encyclopedia^{G.a}. When I work and read I don't like distractions. If I do use a challenging word I usually include the definition^{G.b} so as to keep focus and flow. Or I will use a simple word and then include a more linguistic word to tickle the expansion of our gray matter.

In NATURE'S Way, SHE doesn't use mathematics, linguistics, or science. SHE just keeps on flowing while they (Theoretical Physicists) try to grasp at HER with huge-complicated mathematical recipes and uncommon undefined words. And they can't even agree on the use of some of the mathematics or definitions of the simplest words.

The more complicated you make something the harder it is to understand, like abstract art, or long drawn out poems that are more like a book than a poem. Most of my poems are short, but I must confess not sweet. Abstract art is like current theoretical physics, it's anybody's opinion as to what is going on out there and in there.

NATURE'S MEND is my opinion! Its roots come from both mathematics and linguistics. For example 2×2 (two times two) = 4 and so does 2^2 (two squared). But what happens when you have $2^2 \times 2^2$ (two squared times two squared)? Well, that shouldn't be so bad because $2^2 = 4$ so we can write it as 4×4 (four times four) which equals 16 (sixteen). This can also be written as 2^4 (two to the power of four) or $2 \times 2 \times 2 \times 2$ (two times two times two times two) which equals 16 (sixteen). It gets a little more complicated when we change 2 (two) the number to a letter, but everything else stays the same. For example when you have $a^2 \times a^2$ ("a" squared times "a" squared) you can add the powers (the little number above each "a") and write it as a^4 . Now it won't get much more complicated than that in this work. And it won't be used much. Just remember we can sum the powers (the little numbers above the number or letter).

When you add motion to these, which changes over time, things become very complicated very quickly. And when this motion takes place in all three directions, as it does with a crashing NASCAR car it becomes virtually impossible to write a mathematical formula (recipe) that will predict the motion before the crash, or even try to write a story about the crash. There are just too many variables (different things) that can impact the outcome of the crash. What is the shape of the track? Where on the track will the crash happen? How much rubber from the used tires is on the track? Is the track wet or dry? On what lap will the crash happen? What other cars will be involved with the crash? Who is driving what cars? What were the drivers doing the night before or early that morning? This just lists a few variables and it is over in a matter of seconds.

This example is something like what current Theoretical Physicists are up to. Trying to predict the UNIVERSE before there was a UNIVERSE. What was it before there was a Big Bang? The big bang was over in seconds and now they have all the aftermath (NATURE'S Fireworks Show) to deal with. They think the life of NATURE'S fireworks has lasted 14 billion years. That's one huge-huge-huge long lasting fireworks shell. I think it potentially existed another 106 billion years or so.

If there had been anything living in the beginning it wouldn't have survived the Big Bang unless it was a ONE of a KIND of a NATURE or GOD. KIND here meaning singular with no others, not KIND in the sense gentle, but I believe both would apply to the probability of either creature.

For this work I've tried to keep it much simpler by thinking like NATURE WORKS, without mathematics and linguistics. Though I use a little in a few places because I just can't match HER capabilities. If we can find the ingredients that make up NATURE and what portion (the power, that little number above the letter) each ingredient has we can write a recipe for NATURE. Add in a little geometry (how things relate to each other), and some spin speed, and we have all the mathematics

of this work, not so complicated if you keep in mind recipe cards, ping pong balls basketballs, NASCAR cars, and fireworks.

The real challenge is in the linguistics because simple words can have multiple meanings or multiple words sound the same with different meanings. Some of this I have already sprinkled into this work. They even came up with a word for this occurrence [homonym]. So they stack words on words and people invent new words. And there's a committee that decides every year which new words will be added to the dictionary of dictionaries. You could spend your whole life reading the dictionary and know every word there ever was and know nothing at all. Kind of like current theoretical physics efforts to explain NATURE.

This work tries to explain it all without all the BS, MS, Ph.D. of theoretical physicists. Know that BS, MS, and Ph.D. are abbreviations for Bachelor of Science, Master of Science, and Doctor of Philosophy (the study of the truth or principles of all real knowledge; study of the most general causes and principles of the Universe). They can also mean Bull Sh_t, More Sh_t, Piled higher & Deeper. I think you get the point. The use of all of them will be very limited in this work.

However, the same cannot be said for current theoretical physicists and their guessing at the missing Big Picture.

Then they add words to words to change the meaning of words. And this seems to be one of the things wrong with the current state of theoretical physics and is driving them into the dark. Dark, in this case being blinded to what is really going on out there in Outer Space and in there in Inner Space, and will be discussed in the next section.

So my rule of linguistics is, keep it simple stupid so you can keep from being stupid. Have you heard that old saying, "He's so smart he's dumb! He has no common sense!" So my second rule of linguistics is, write so it has common sense – so the common (who I'm one of) can make sense of it.

Religions like to use their linguistics to claim ownership of GOD; claim that we all worship the same god; and then they war and never seek peace over their claims.

Politicians like to use their linguistics not to explain their position, but to knock down the competition. They like to say things to suck people in and then they claim that we misunderstood and that's not what they really meant. "You can keep your doctor and medical insurance." Said Prez B.O.

Mathematics – like big words, religion, and politics, it can drive a person to frustration and distraction. I've avoided it as much as possible in this work.

Science – we deal with it every day in everything we eat and drink. We just don't stop to think about it.

So that's what this work is about. Figure out the recipe card for NATURE and then figure out how it all goes together and how it cooks with spin, orbit, and dynamics so that anybody who wants to look at NATURE in a new Natural way can do so and understand HER.

A BRIEF OF CURRENT PHYSICS

A BRIEF is a short summary of the facts and points of law (information) in this case of *physics* relating to the stars and inside atoms. I will not address in any detail Common Space or Real World physics, which is understood and under control. It will only be used for a supporting basis of NATURE'S MEND.

A brief of current physics is not something one should just jump into because in this arena we are dealing with theoretical (thought without proof) physics, which is full of mathematics and linguistics far beyond what will be used in this book.

We will begin with a definition of physics and then jump back to a time from around 1300 BC (Before CHRIST) or BCE (Before Current Era or Before the Christian Era). By the way this is the only place the NAME CHRIST will show up in this work. Today it is common to refer to our time as CE (Current Era) and thus remove the religious connotation (what is suggested when HIS NAME is used). Here, *HIS NAME*, is capitalized because I respect the facet of the NAME, but not the religion that has kidnapped this FACET of HIS NAME.

Theoretical *physics* is a religion unto itself. Religion is considered anything done or followed with reverence (feelings of deep respect, mixed with wonder, fear, and love) or devotion (deep, steady affection; loyalty; faithfulness). And if you read some of the books that I've read about theoretical physics it is a religion to those who work in the field and are known as theoretical physicists. Most are Ph.D.s – Doctors. I will refer to them as gods.

To jump ahead, almost to the end of this brief they began searching in the summer of 2008 with the newest atom smasher, the LHC (Large Hadron Collider) for something that has been named the "Higgs Particle" or as some in their church call it "the god particle" of which they believe everything in the Universe came from. Actually they now think the Higgs Particle is the "son of god" of the mighty god Higgs Mechanism. See even theoretical physicists want some form of a god in the beginning! And after 40 years of smashing particles in atom smashers they claim to have birthed the son of god particle in July of 2012 at the LHC and now claim because the son of god particle exists the father god, Higgs Mechanism, must also exist. "If we say it exists they will pay us more to research more – god forbid if anyone says that it doesn't exist." Maybe a Mechanism does exist, but not where they currently think it does in Outer Space?

Physics is the science that deals with matter and energy, and the action of different forms of energy (objects, motion, crashes, and explosions), excluding chemical and biological change, and is defined and explained with mathematics and linguistics. Physics studies force, motion, heat, light, sound, electricity, magnetism, radiation, and atomic structure. It studies things like a basketball spinning, a Ping-Pong ball bouncing and spinning; a NASCAR car orbiting the track; and fireworks and their sound and light. The color of the fireworks is set by chemical compounds. Remember that some light is visible, like what we see in a rainbow, and some light is not visible, like x-rays to look at broken bones, and radio waves for music, sports, and political BS, MS, Piled Higher and Deeper.

We haven't touched on electricity, magnetism, or radiation yet, so let's do that.

Electricity is often times called static electricity. Static electricity is that little shock you experience from sliding your feet across a carpeted floor and then touching someone else so they can be shocked, or touching a screw on a light switch cover so that you yourself can retain the full experience. I liked doing this as a kid. I was always sliding more and more to make bigger and

bigger sparks. So motion, sliding in this example, and spinning in current Common Space physics and NATURE'S MEND can produce electrical effects or what is known as electrical charge.

Magnetism deals with attraction, of two things being pulled together, like a magnet and a paper clip. It can also deal with repulsion, of two things being pushed apart, like two magnets with the same pole or charge. Magnetism has been related to electrical charge and it is this relationship that will come into play in this work. And the law goes simply like this, "Opposite charges attract and like charges repel." They also know the two have waves and they act identically perpendicular to each other. This will be detailed in the body of this work as electron photon supersymmetry is uncovered. It is simply related to spin and energy, the mixing of ingredients in our recipe of NATURE.

Radiation is the act or process of giving out light, heat, electricity, or other radiant energy. One of the effects of solar (sun's) radiation is sunburn on your skin, which can have biological effects (skin cancer). The sun's radiation can also have chemical effects related to enhancing vitamin D in your body. So NATURE can span more than current and theoretical physics can. And SHE does it every day in Common Space without mathematics or linguistics. Or ever feel the heat from a chocolate chip cookie right out of the oven before you grab it to run from your mom? That's why I dipped them in really cold milk, it reduced the internal heat lessening the radiation and I could eat more, faster.

We will see later on in this work that light and heat can be related to spin. And there's that spin again! Could everything in NATURE revolve around spin?

Spin can also mean how one twists words (uses linguistics) to produce a desired meaning to a story that is not the TRUTH. I think there is even a news program or part of a news program that deals with this and is called "Spin Factor"⁵¹. Believe it or not current theoretical physics is operating in this fashion. I will elaborate (provide more detail) on this in a little bit. For now let's return to our brief.

Chinese astronomers charted the stars and recorded data as early as the 1300's BCE.

I found it interesting to note that the World Book Encyclopedia didn't mention Moses. So let's take a look at him and his writings, for he came from around the same time.

Moses was born in Egypt near the end of the 1300's BCE. He mentions the stars and their use as signs on the first page of his first writings. Genesis 1.14 "And GOD said, 'Let there be lights in the firmament of the heavens to separate the day from the night; and let them be for signs and for seasons and for days and years, and let them be lights in the firmament of the heavens to give light upon the earth.' And it was so. And GOD made the two great lights, the greater light to rule the day, and the lesser light to rule the night; HE made the stars also. And GOD set them in the firmament of the heavens to give light upon the earth, to rule over the day and over the night, and to separate the light from the darkness. And there was evening and there was morning, a fourth day."^{E.a & b} I wonder what the light on the First Day was from? Could it have been GOD letting NATURE Big Bang? Maybe it was just NATURE being HERSELF? Or maybe the two of them are working together? Or maybe they are one in the same?

Is there a link between the Chinese and Moses? A work beyond this work, but just a note to consider, by another account of Moses all mankind at one time use to speak the same language in the country of Babylon (current day Iraq) and that came to an end at the Tower of Babel. Maybe there is a link in the history and tradition of all nationalities that leads back to and through ancient of days Babylon and its Tower when we could all communicate and work as one?

And wouldn't you know it: the next people mentioned in the World Book to deal with astronomy is the Babylonians at around 700 BC. They could predict when planets would appear closest to and farthest from the sun. They were also predicting when astronomical objects would be visible for the first or last time in a year.

So man has been tracking the objects in the sky, "And forgive me, but it is one big ass sky"³¹ for thousands of years. The American Indians had rings of stones to tell them when the sun would rise and set on the longest day of the year. There is one in Wyoming, USA called the Bighorn Medicine Wheel and dates from around 1400 CE.

The Greeks were great at using common sense and logical arguments. It was Pythagoras in the mid 500's BCE who proposed that the earth was a sphere (round ball). It took a long time for this heretical thought to be realized by the world at large.

In the late 400's BCE a Greek man taught in public forums (streets, market places, and gymnasiums), by questioning those around him and then showing them how inadequate (weak) their answers were. He made enemies and was eventually brought to trial, charged with misleading the young and showing disrespect for religious traditions. I'm guilty of the second charge. The jury found him guilty and sentenced him to death. It is rumored that he may have been given the severe sentence because he was unbending with his pride during his defense. He also did not take advantage of several opportunities to escape from prison. He was his own executioner, calmly drinking a cup of hemlock poison. How does this relate to a BRIEF OF PHYSICS? He introduced an idea of universal (standard) definitions known as the Socratic Method.

He believed that although individual people or things vary and are assembled differently, the definitions of how they are the same or different don't change. Guessed his name yet? It is Socrates; he was a Greek philosopher and teacher. He is one of the most admired figures in history. And by the way he made it into the World Book Encyclopedia.

So by the Socratic Method, we need to find the origin definition and action of NATURE to really understand the whole Universe from Inner Space to Outer Space! It is this origin definition that is giving current theoretical physicists fits and driving them to some form of a god – an imaginary creator of everything, that Higgs Mechanism.

Let's apply this standard of universal definitions to current theoretical physics and one of the prime components of this new theory. NATURE'S MEND and her *spin* (physical motion), not twisting words, for she doesn't use words or math. This exercise will involve Inner Space, way inside each and every one of us, those tiny tiny particles that make up an atom. These are Quarks, three, which we can think of as miniature Basketballs, and electrons, which we can think of as miniature ping pong balls (if you prefer golf balls). So we will have three big balls and one small ball to play with when we reach into the Inner Space of this work.

We will start looking at spin with the World Book definition. Spin (noun) Fifth definition – Physics, the angular momentum of an elementary nuclear particle. Nuclear by definition is being very, very small. Quark-ball (our basketball) and Electron-ball (our ping pong ball) are the smallest known balls (spheres) in current physics and our Inner Space sports arena. The son of god ball, the Higgs Boson Ball (Particle) is much larger than these. It's iodine element 53 size. However, they are not the smallest in current theoretical physics. They also have energy strings.

We have added a term, angular momentum: angular deals with its rotation or its spin (like the spinning basketball on a fingertip) and momentum deals with the force [energy] with which a body

(ball) moves, equal to its mass (on earth how much it weighs) multiplied by its velocity (spin speed). So if you spin an electron-ball (our ping pong ball) on your finger tip the faster its spinning when it falls off the longer it will bounce around in all kinds of crazy directions. And remember that if it is spinning fast enough you can't see it spinning! So something super tiny (hardly no mass) has to spin super-fast to have any impact on anything. How many electron impacts have you felt on your skin today?

Now let's look at the definition of spin in current theoretical physics from three of the books that I studied in relation to NATURE'S MEND.

Brian Greene in "The Elegant Universe" defines it this way: **Spin**. A quantum-mechanical (how things work in Inner Space) version of the familiar notion of the same name; particles have an intrinsic (belonging to a thing by its very nature; essential [absolutely required]; inherent [from the beginning or at birth].) amount of spin that is either a whole number {1} or half of a whole number {1/2} (in multiples of Planck's constant [Mr. Planck - we will learn about him later]), and which never changes (somehow it is so powerful that it can keep this no matter what they do to it in atom smashers)."

In "THE FABRIC OF THE COSMOS" he defines it this way: "**spin**: Quantum mechanical property of elementary particles in which, somewhat like a top (basketball), they undergo rotational motion (they have intrinsic angular momentum)". The definitions are about the same, a little less detailed in the second.

Lisa Randall in "WARPED PASSAGES ..." defines it this way: "**spin** See intrinsic spin; intrinsic **spin (spin)** A number that characterizes how a particle behaves—as if it were spinning. Spin can take integer (whole numbers) or half-integer values." This definition is a little different from the other two.

If we track it down in her book she goes onto say, "The name is very suggestive, but the 'spin' of particles does not correspond to any actual motion in space. But if a particle has intrinsic spin, it interacts as if it were rotating, even though in reality it is not." It's like claiming a car is moving down the street but its wheels aren't turning. Uh???????? "Uh" – A noun – a sound indicating hesitation, confusion, or the like. What did they really find at the LHC in July of 2012?

So in current theory it has some natural energy of angular momentum, (spinning ball energy) but it's really not spinning at all. Sounds like magic, black magic, maybe that's why they have all this other black and dark stuff they don't understand; like black holes, dark matter, and dark energy.

I would like to see Larry Bird¹³, Michael Jordan¹⁴, or Kevin Garnett¹⁵ demonstrate this for us with a basketball. I will bet you they can't keep a stationary (not spinning) basketball setting on one fingertip without holding it with the other hand. If it's spinning it will sit on their fingertip without the other hand holding it.

This is the INNER SPACE FOUNDATIONAL (something that supports everything else) difference of this NEW work of NATURE'S MEND from current theory. This work theorizes that it really does spin in reality, but so fast (maybe at the speed of light) that we can't see it spinning. Maybe that's why Albert Einstein theorized we are all moving at the speed of light.

The quarks and electrons are so small to begin with we can't see them. So how can we tell if they are spinning or not? This will come into play more as we evaluate current experimental results against NATURE'S MEND. For now that's my spin on "spin".

Let's return to our Brief of Physics. At the end of the 400's BCE another Greek, Democritus taught that matter was composed of small objects he called atoms. So the Greeks were working

deep inside Inner Space with thought experiments. That's what NATURE'S MEND is – a thought experiment, but ranging from deep Inner Space to far beyond dark Outer Space.

Now we're going to take a small leap in time, about 50 years to mid-300 BCE and a man named Aristotle. For those of my age, it's not Jackie Kennedy's second husband (Aristotle Socrates Onassis). He wasn't that old. But they were both Greeks. For those too young to remember or even too young to know it's like the couple from the movie, "The Edge"⁵² with Anthony Hopkins and Elle Macpherson and the line from Alec Baldwin, "When they see you two they say 'There goes a guy with a plane'" And if you missed that movie certainly you seen the story in the news about Anna Nicole Smith and her billion dollar old boy. If none of these ring a bell you will have to go online and look them up.

The Aristotle of the 300's BCE was a student of Plato, who was a student of Socrates. Aristotle liked to look at and into NATURE. For him the most striking aspect of NATURE was change. He even defined the philosophy of NATURE in a work called *Physics* as the study of things that change. Aristotle argued that to understand change, a distinction must be made between the *form* and *matter* of a thing.

Do current theory gods really understand the *form* and *matter* of the Higgs Mechanism and its sun particle? Yes, "sun", because this discovery is to shine so much light on what they don't understand.

Like with NATURE'S intrinsic spin, it acts like it is moving, but it doesn't look like its moving so does it really move or not? And with spin this work sets the fork in the road where current theoretical physics and NATURE'S MEND begin to diverge (move apart).

Aristotle tried to develop a science of things that never change, and look at and understand the most general and basic things of reality and knowledge, what has been called *Metaphysics*. This is where intrinsic spin of our Quark-ball (spinning basketball) and Electron-Ball (spinning ping pong ball) resides.

But, current theoretical physics is still lost in the dark as to where these elemental particles acquire their spin momentum. Remember in current theory they really don't spin. And spin continues as the twist to this NEW work and somehow we have to distinguish between the form of it (how we see it act) and the matter of it (what causes it to act the way we see it act).

Sounds complicated, but it will turn out to be a flavor of an ingredient (think of it as a spice) in the recipe card of NATURE'S Inner Space, which influences Outer Space. For a chocolate chip cookie wouldn't be a chocolate chip cookie without the chocolate chips. So it can't have spin momentum if it really doesn't spin. But, it does have spin momentum so it must really spin.

The Greeks continued their work and if you want more specifics you can read about them online or in the World Book Encyclopedia at your local library.

Around the turn of time from BCE to CE it has been reported that three kings simultaneously predicted a great event through observations of the stars. This event was apparently the birth of a CHILD.

Then around 100 CE a Greek man named Claudius Ptolemy expanded on the work of Aristotle and Hipparchus. It was based on an earth-centered universe. Some before him had argued for a

sun-centered universe. Some versions of his ideas and tables of planetary motions were accepted for almost 1500 years.

It takes a longtime to get the ideas of physics theory changed. People like to blow their own horn in their own circles “we found the son of god – the Higgs Particle” or maybe it’s more related to writing too much of oneself of humans. The earth centrist’s (those that thought the earth was the center of everything) position was there couldn’t be any other possibility than for man to be at the center of the Universe right next to GOD. Maybe GOD is on the outside?

Maybe that’s why outsiders can see more, more differently, more clearly when looking inside from outside. Will it take 1500 years for NATURES MEND from an outsider to catch on?

The Europeans gave little notice to the stars, or education and you’ve probably heard it referred to as the Dark Ages; and there’s that word Dark again. It goes right along with current theoretical physics and Dark Matter and Dark Energy. And some things are so dark, things unknown, that it is like looking into a black hole; so simple but yet so mysterious.

However, Arab astronomers in the Middle East and Northern Africa never went into the dark, they continued to work into and around the lights in the sky. They also performed experiments in optics, and other areas of physics. They also translated Greek documents, which resulted in them being preserved for later use. And they expanded mathematics.

Now we can take a huge leap in time because not much happened. In 1543 a Polish man stepped onto the pitcher’s mound and struck out the old theory of earth centricity (earth at the center of the Universe). His name was Nicholas Copernicus and his publication was “Concerning the Revolutions of the Celestial Spheres”. Revolutions here meaning orbits, the going around movement of the planets, like NASCAR cars on a race track. His theory though, caused a revolution (a complete overthrow of a previous theory) of its own on the previous theory. Historians of science call it the Copernican Revolution (overthrow). His theory simplified the explanations of the observed motions of the planets. See there is a trend to MEND (fix or repair) with simplicity in and by NATURE. However, he did not predict the positions of the planets accurately.

We then pass through the 1500’s and into the early 1600’s with the likes of Tycho Brahe, Johannes Kepler, and bump into Galileo who was the first person to use a telescope to peak at the stars – Outer Space. He has been called the founder of modern experimental science. “Historians argue over this title. Many say his real originality lay in the way he approached scientific problems. First he reduced those problems to very simple terms (quark – basketball & electron – ping pong ball) on the basis of everyday experience and common sense logic: like the Greeks were doing some 2100 years before. Then he analyzed and resolved them according to simple mathematical descriptions. The success with which he applied this technique to the analysis of physics, especially the physics of motion, opened the way for the development of modern mathematical physics.”^{G.a}

However, today the most modern theoretical mathematical physicists argue that it’s not intuitive (easy to understand) and simple (common sense logic). They have come up with mathematical recipes for NATURE that the greatest supper computers can’t solve and then they wonder why everything is so dark (unknown). They’ve buried Galileo and his concept of using everyday experience and common sense logic in a heap of BS, MS, Piling it Higher & Deeper (PHDing it), and I’m not talking college degrees. It’s so covered up in a mathematical and linguistic excrement (shit) pile that even those shoveling it can’t understand (smell) it anymore.

In 1616 the Roman Catholic Church tried to keep everyone in Galileo's time in the dark by ordering him to talk about a sun centered universe hypothetically (as a guess), but not treat it as an absolute truth. The religions have been brainwashing for 1000's upon 1000's of years. What ever happened to GOD'S simplicity of "FREE WILL!"? Galileo did not comply and in 1632 was arrested and sent before the Inquisition. They found him guilty, forced him to recant (publicly withdraw his statement) and sentenced him to life imprisonment.

Galileo didn't give up; in 1638 in ill health he published his second masterpiece the "Discourse on Two New Sciences". He died four years later.

Galileo even tried to measure the speed of light in his experimenting.

And we're back to those lights in the sky and their motion. So lights in the sky and their speed, and speed and lights have been tied together, for, well, since the time of Moses and the ancient Greeks. Actually documented in the time of Moses, but depending on how you interpret time in his first few books you can go back thousands to tens of billions of years to when light first appeared on the first day. The earth could be way older than the 4 billion years they think it is.

And we're back to theoretical, and what the true and correct way of interpreting data is. Whether it is experimental or ancient parables and that is left for another time and place.

The Roman Catholic Pope declared (strong statement) in 1979 "The roman Catholic Church 'may have been' (weak words) mistaken in condemning Galileo and established a commission to study the case."^G I don't trust any religion, especially one that doesn't allow their leaders the NATURAL union of a woman & a man, but allows priests to play with little boys and covers it up both literally and demonically. GOD's Prophet, Moses, and HIS Priest Aaron both had wives.

Isaac Newton was born in 1643 about a year after Galileo died. Some 30 years later astronomer Olaus Roemer published a value for the speed of light that was within 25% of the currently predicted speed of light of 299,766 K/sec (186,275 miles/sec).

Isaac Newton became the greatest scientist of his time. He is the father of gravity, with the law of gravitation. This theoretical law (not really a law of NATURE) deals with the force an object has on another object, such as the earth to the moon or the sun to the earth. As will be discussed later this law is applied to the tidal motion of the oceans and relates to the sun and moon to the earth (when the sun and moon are on one side of the earth), or the sun to the earth and earth to the moon (when the sun is on one side of the earth and the moon is on the other side of the earth). With his law he could explain the motion of the planets and comets and behavior of objects on the earth. Mercury's track, however always gave him problems. He never could get its motion quite right. Maybe that's an indication that it is not a law of NATURE.

Basically this theoretical law of gravitation says every object attracts every other object based on size and distance. For example the sun pulls on the planets of our solar system and our planets pull on each other and the sun, all the while racing around the solar NASCAR ovals (planetary orbits). They do this all the while our solar system races around the Milky Way Galaxy. I wonder what the Milky Way is racing around?

Sir Isaac is also the explainer of the rainbow, how visible light breaks down into the familiar spectrum (band) of seven colors: red, orange, yellow, green, blue, indigo, and violet. Could there be eight?

Interesting to note or just ponder is seven colors of the rainbow and in ancient writings a sign from GOD that HE would never again destroy the flesh on earth with a flood. And HE had taken seven days (not man days) to create the Universe. And HE directed Moses to construct a lampstand with seven lights to shine in only one direction and that was upon the bread of HIS presence of being with the people. And there are many more examples of seven, but that is left for another work called “of GOD ?”.

So with Newton some 3000 years after the beginning of this brief we reach the foundation of two of the great struggles of modern theoretical physics. Explain the Universe by linking Inner Space (Quantum) and Outer Space (Cosmological) physics. And the argument of the Inner Space of light began: “Is light a particle or a wave?” “Is it a ping pong ball, or a fluid and moves like the ocean?” This argument and the methods of determining this and explaining it have boiled and steamed ever since. Newton proclaimed that light was a stream of particles. One of Newton’s counterparts, Christian Huygens, argued that light was a wave.

While this argument went unsettled many other things were happening in Outer Space and Inner Space and in between. The in between of Outer and Inner Space or what I call Common Space (the space on earth we live and play in) things were from the work of the likes of Stephen Gray, Charles F. Du Fay, Benjamin Franklin, Charles A. de Coulomb, Luigi Galvani, and Count Alessandro Volta made the 1700’s come alive with their electric work and the understanding of electricity: though the Greeks were playing with it in the 500’s BCE.

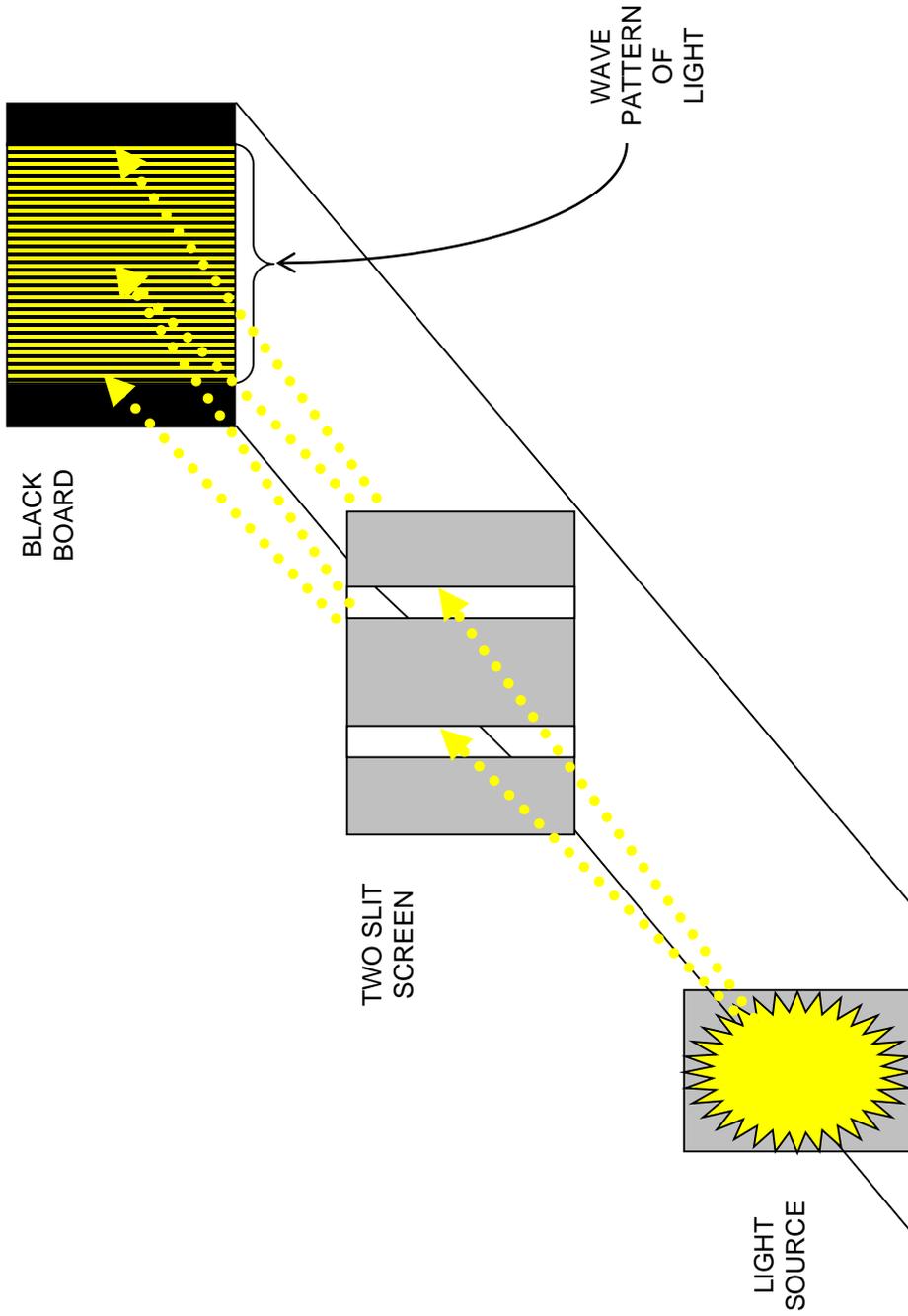
The ancients also knew about some Inner Space things that we now call elements. You could probably guess most of them: Gold, Iron, Lead, Mercury, Silver, Sulfur, and Tin. Salt, a compound of two elements, was also known to the ancients, but was not called by its elemental compound (chemical) name, Sodium Chloride. These Inner Space elements were discovered at the turn of the 18TH to 19TH century.

Salt has the interesting characteristic of its crystal being a perfect cube, a stone with six physical facets and a seventh facet of taste. It is the stone of GOD, for the value and use of salt is widely discussed in the documented writings about HIM and other historical writings of ancient of days. A whole host of other elements were also discovered in the 1700’s.

It took until the early 1800’s for the particle wave debate of the light-balance (scale) to be tipped one direction. It tipped on the side of the wave idea with an experiment known as the double slit experiment, where Thomas Young shined a beam of light at two slits in a screen in front of a black board. The resulting pattern of scattered bands of light and dark from brightest in the center to black at the edges demonstrated the wave nature of light. See Figure ABOP.1 (A Brief Of Physics.1) Generalized Thomas Young Experiment. If light didn’t travel in a waveform, only two lines matching the slits would have shown up on the black board. Is light a particle or is it a wave? One must remember just because the balance tips to one side versus the other, doesn’t mean it’s finalized the outcome and thus the question remains. The debate is a swinging pendulum and the pit is very dark.

Before a final answer or solution (a baked cookie) can be documented and consumed all scientific discovery must be completed. And there are too many unknowns even today to speculate if the light particle-wave question will ever be completed.

However, this work takes a giant step in encapsulating the debate. That’s what makes this work on NATURE’S MEND so exciting. It’s shedding light on the unknowns and explaining the unexplainable of the past and present. It will even reach into the future. So keep this simple ABOP.1



GENERALIZED THOMAS YOUNG EXPERIMENT

Figure ABOP.1

illustration in mind because it's going to contrast current theoretical physics speculations of the last 100 years and NATURE'S MEND mending solutions later.

The 1800's Common Space work began to link magnetism with electricity with the work of Hans C. Oersted, André Marie Ampère, Georg S. Ohm, Michael Faraday, Joseph Henry, James Clerk Maxwell, Heinrich R. Hertz, and Nikola Tesla. It was Maxwell who worked out the mathematics for the laws of electricity and magnetism. His equations showed that for certain electric circuits electromagnetic waves were produced that traveled at the speed of light. Hertz proved the existence of these waves in the late 1880's. And Nikola Tesla patented the alternating current motor in 1888, which is the electric motor most widely used in Common Space today. You may better know him, for his device that produces artificial lightning – the Tesla Plasma Ball. You can buy them today.

G. Johnstone Stoney in 1891 made the theoretical guess that electric current consisted of extremely small particles in motion. The light balance was being weighted again on the side of particles. He called these particles electrons. Joseph J. Thompson in 1897 confirmed the theoretical guess (Theory) of Stoney. Thompson did one other stupendous thing. He opened the door between Common Space and Inner Space with the discovery that all atoms contain electrons. The electron had been discovered and the electronic age was birthed. Fire light was about to become electric light. Chemists around the world grasp the idea of atoms, but almost all physicists did not.

There was one who did; physicist Ludwig Boltzmann had a belief in atoms and molecules. Two others, Maxwell in Scotland and Gibbs in the USA supported Boltzmann. Boltzmann is the father of entropy [S] with his equation $[S=k\ln W]$. It has to do with balls [atoms] in motion relating to a gas. He took his own life and his equation marks his tombstone.

The two different balls we will be using, the basketball and ping pong ball, are in relative size comparison as the quark is to the electron. The electron is about one-tenth the diameter of the quark. This ratio will turn out to be a common brush stroke between results from current experiment and what is theorized (guessed at) in NATURE'S MEND. The other components for the atomic structure were discovered as follows: 1902 the proton; 1932 the neutron, and quarks in late 1960s. That makes me older than quarks. Quarks were first postulated in 1964 by two different people in two different places working independently of each other: Murray Gell-Mann¹ and George Zweig¹.

However, prior to the birth of the electronic age there was another birth 18 years before, it went virtually unnoticed (maybe we should check the position of the stars at that time), but the child was about to overthrow Newtonian theory. It was the birth of one Albert Einstein.

But before Einstein there was another who tipped the particle-wave balance of light. He was 21 years old when Einstein was born. His name was Max Karl Ernst Ludwig Planck. You heard his last name mentioned early on in this brief as part of Planck's Constant related to spin on our particles of Inner Space.

He concentrated his work on thermodynamics (heat energy). The sun produces a lot of heat energy from its light, known as radiant energy. How this radiant energy is absorbed by an object and emitted out again weighed heavily on Planck's mind. He proposed a law of radiation in 1900 and originated quantum (Inner Space) theory that radiant energy, such as light, is made of small packets of energy called quanta. The energy associated with each packet is calculated by multiplying the frequency (how many times the radiation wave moves up and down per unit of time), ν , by his universal constant (Planck's Constant), h , and he had $E(\text{radiant energy}) = h\nu$. Again they had light being a wave with a particle.

Early in the 1900's Albert Einstein developed the theory of relativity and overthrew Newtonian Outer Space Physics. He was able to capture Mercury's track with the mathematics of his theory. In this new theory he laid the foundation for atomic energy with $E = mC^2$ (maximum Energy = mass involved times the speed of light times the speed of light), on the Inner Space frontier.

Einstein also discovered small packets of light energy that are known as photons. Photons thus have particle characteristics and wave characteristics like quanta. So now there were particles, electrons, with energy packets, photons, that were particles and they were back to the balance shifting back again with that age-old question is light a particle or a wave. And it was Mr. Planck who supported the young Einstein in his work.

This work will also support a particle with a wave, but it will surf far beyond their understanding and the understanding of current theoretical physics today.

Inner Space physics was born with Planck's quantum theory and was supported by Einstein's work on what is called the photoelectric effect. The theoretical physicists of the early 1900's played with this idea of wave-particle nature of light, and the hidden features of this Inner Space world. It became known as wave-particle duality (something that should have only one thing apply to it had two).

A young physicist came along and "**developed**" one of the most famous principles of physics and over used ideas of the common world. And it is here where linguistics comes to play in writing and thought in current theoretical physics. When you read about him and it in other works it will say he "**discovered**" this principle, like it is part of NATURE. That's why I used "**developed**". He drafted the principle based on the fact that no one understood what was taking place in Inner Space.

When you draft a principle based on not understanding, it can't be considered a **discovery**, because it is a thought and may not apply to NATURE at WORK. It may only apply to our lack of basic understanding. That's why I think that using "**discovered**" is a far overloading of the truth, because today we still don't have a complete grasp of Inner Space, which means we are completely uncertain about it and its link to Outer Space. The young physicist's last name and his principle, you may have guessed, are the foundation of quantum mechanics (how Inner Space works). Mr. Werner Heisenberg with his Uncertainty Principle won the 1932 Noble Prize in physics.

The physicists playing with this wave particle duality of light were able to isolate electrons and rerun the double slit experiment using them as their light source. Even down to the point that they could shoot one electron at a time at the double slit and let the pattern on the solid screen build up over time. It turned out the same pattern showed up for them as for Mr. Young. They were confused and their minds drifted on a sea of darkness. How could several shots, shot one at a time at the target miss the same spot so many times? It was "aim small miss big"!

The theoretical minds of the time began to churn and in my opinion the light-balance was smashed and they lost sight of the simplicity of NATURE and the way SHE WORKS. And current theory Quantum (Inner Space) Theory was off and running over everything sensible (everyday experience and common sense logic – logical simplicity) in its path.

And in 1920 Max Born destroyed the balance by suggesting Inner Space does not occur on actuality (by a fixed scientific method) but on a probability (by random chance).

Probability shows up in all man made sporting events and provides betting odds in Las Vegas. It even is in the simple game of dice. But does it run the "Really Real World" of NATURE?

This probability determination troubled Einstein and he chastised the quantum constructors (theoretical physicists), with that profound statement, "GOD does not play dice with the Universe!" Einstein felt it was showing up because of some basic incompleteness in their understanding. So these Quantum Constructors carried out experiment after experiment with the double slit set-up. Using first a single slit then back to the double slit.

Then they tried measuring which slit the electron was going through and the results changed. So they knew they had a particle, the electron, which acted like a wave. But when they tried to probe deeper in understanding with physical measurements their meddling changed the outcome. Their desire for understanding expanded their confusion so they played (experimented) more and made more guesses (Theorized).

And along came a fine man in the mid 1940's named Richard Phillips Feynman who declared what I call, "The principle of electron Omni Presence" it's a god. He argued that each individual electron traverses every possible trajectory simultaneously: its everywhere at all times. This is known as Feynman's "Sum-over-paths". Some call this the "Anarchic Principle – The statement that all interactions that are not forbidden by symmetries will occur."

And with the destruction of the light-balance they were able to proclaim that light has both wave-like and particle-like properties. This required the shedding of intuition and embracing of quantum predictions with its bizarreness. And Feynman declared, "Nobody understands quantum mechanics". And experiment after experiment with confusing results matched the confused theory so the confused theory was proclaimed to be reality, like spinning but not really spinning with intrinsic spin in the current theory. And the fine-man proclaimed, "[Quantum Mechanics] describes nature as absurd (Plainly not true, logical, or sensible) from the point of view of common sense. And it fully agrees with experiment. So I hope you can accept nature as she is – absurd."^B

Einstein wanted physics to predict how the Universe evolved, not merely the likelihood that any particular evolution might occur. And recently, in relative time frame of this brief, a physicist named Stephen Hawking slammed Einstein by declaring, "Einstein was confused, not the Quantum Theory!"^B This new work will show just the opposite. The absurdity of their results can be explained with the logical simplicity of NATURE and HER really spinning the quark and electron in Inner Space.

For the last historical tidbit of this brief around the 1930's a Big Bang exploded in cosmology. Oh, yes it was the current "Big Bang Theory" arising out of one physicist's solution of Einstein's equations of relativity and it meant the Cosmos was a dynamic ever-changing place, which meant it must have a beginning and an end – a cycle of some sort. But they don't really know what it was or looked like before it blew up. Both the Big Bang and it's' existence before there was light will be expanded on and explained by NATURE'S MEND.

And here we are today with simple black holes that no one understands; dark matter which is something unknown causing observed gravitational effects; and dark energy that is needed for the Universe, but is not related to anything they currently observe in Outer Space objects (matter).

The current theoretical physicists don't know what's going on in Outer Space or Inner Space and reach into extra dimensions, with branes and bulks, to explain it all with nothing at all. And now they're using what is being called a string (smaller than an electron, not a particle, but it can be a particle) to tie everything together. For if they can explain everything from nothing they can explain away and/or proclaim GOD doesn't exist. And that means Einstein really was confused and they are right for Einstein talked a lot about GOD.

They started up the Large Hadron Collider in Sweden to explore deep Inner Space beyond where man has gone before. But they're like a tiger chasing his tail around a tree: going nowhere, though they're claiming they're somewhere with the discovery of the Higgs Particle.

Through their progression of increasing atom smasher energy capabilities they claim they have found families of particles. Each family is a quark ball, electron ball and a few other heirlooms successively larger with each successively larger atom smasher. What does NATURE do? Each time these master minds of current theoretical physics make bigger balls NATURE snaps them down to the original size that operates in Common Space and Inner Space faster than you can say "varooooooooo kabooooooooo". They experiment and theorize, but they can't sustain (keep going) to a final answer. To avoid "the brain pain" they keep PHDing theoretical guess on top of their heap. Their confused absurdity continues!

And now here I am, an outsider, with one little twist, spin, change to the past 100 years of quantum mechanics and say the quark and electron really do spin in the "Really Real World"⁹.

I have one more little twist, which will turn out to be gigantic in NATURE, and relates to the beginning before the Big Bang.

Where will this new theory end up in the next brief of physics another 100 years from now? I'm not trying to predict the probable outcome of that. I'm trying to understand the physics of NATURE and my dream, so let's move on to how SHE WORKS and let the bull & cow chips fall where they may.

Sincerely & Respectfully,

kevin I olson

P.S.: In all humility I cannot do justice to all those who have contributed to our wonderful world of physics & engineering & life in common space. I encourage you to dig into the history of everything and everyone and have some fun exercising your brain without pain.

NATURE AT WORK

One just needs to step outside and look at the sky and see the sun, and sometimes the moon during the day; and at night the moon along with the stars to realize that something far beyond man is going on in Outer Space. Or if the big city does not accommodate this, just watch the weather change. They say in many parts of the world, if you don't like the weather give it five minutes, it will change. Who do you think is controlling the weather or allowing it to perform its ballad?

What about all HER tickling of the earth with earthquakes, tsunamis, hurricanes, monsoons, tornados, and others. Have you ever seen a life sized one of these made or even initiated (started) by humans? We can blow the hell out of things, but we can even come close to NATURE'S destructive powers. Who is really tickling our climate? Man or NATURE?

Ever see a falling star in the night sky versus Hollywood? How much control and power does man have over NATURE? Today man is claiming responsibility for Climate Change – Global Warming. But NATURE can destroy and restore over time in a way that we can't even touch. She made the dinosaurs disappear and now we are here. When we are gone what will SHE spawn (bring forth)? Or will SHE start it all over again in HER own progression of TIME?

The prediction by cosmologists (Outer Space Historians) is that the earth has been around for about four and one half billion years give or take. That means the earth is in its early 20s relative to a Universe that has been around for 14 billion years. NATURE'S solar NASCAR cars (our planets) have been racing around their track for a long time without a pit stop for gas or a slow down for a yellow flag caution, and certainly not a stop for a red flag because of a really bad crash. SHE outperforms man (generic) far beyond our abilities. I wonder if NASCAR has ever seen one of their races completed with every primary object (all the cars) finishing one short race in time relative to NATURE'S race time on HER Arrow of TIME?

We know of several bumps and bruises to NATURE'S Outer Space racers, yet they keep on racing. The planets have craters from cosmic impacts, the moon is covered with COSMIC dimples, but the orbits are unchanged, or are they? We seen the impact of 20 pieces give or take on Jupiter in 1994. We've even seen objects blow up in space. Yet NATURE keeps on moving as though nothing more than a slight wisp (a small portion of anything; slight bit; shred; fragment) of wind passed by.

Let's take a look at our influence versus NATURE'S influence on 'Climate Change – Global Warming' to our earth ride. We've polluted air, land, and sea endlessly and now some want us to take responsibility. What I've read on climate change seems to ignore a local (within our) solar system event, and a cosmological occurrence theorized by an astronomer from the first half of the 20TH Century. So let's consider this event and NATURE'S influence on climate change.

The local event began to unravel in 1992. A newly discovered (it really did exist in NATURE) comet, SL9 (Shoemaker-Levy 9) passed so close to Jupiter that it was broken up into about 20 pieces. By 1993 astronomers predicted that the fragments would crash into Jupiter in 1994 on their next orbit by the big gas giant. Data from the Hubble space telescope showed that the energy carried by the objects of SL9 was 100 million mega tons of TNT. This was more than 10,000 times the destructive power of all the man-made nuclear weapons. One little NATURE made comet can out class a 100 years of $E = mc^2$ by 10,000 times? WOW! How BIG was HER first BANG?

When the fragments impacted in 1994 as predicted, one impact left a dark blotch more than two times the diameter of the earth (16,000 miles) (25,748 kilometers). Thank NATURE and GOD for

the Big-Blocker Jupiter. If SL9's pieces had hit earth it would have been a life ending wipe-out. There are movies about this potential big impact on earth; however humans always save the day.

I sent an e-mail to the USGS (United States Geological Service) about the Jupiter impact. They survey everything, or so I thought. I asked them if they surveyed and tracked orbits of planets, and what affect the impact of SL9 might have on Jupiter's orbit. They responded with "No! We suggest that you contact NASA." I e-mailed the question to NASA and never heard back. Huh, a black hole right here on earth!? Did they not respond because they didn't know? Did the darkness of their inability to response to NATURE scare the hell out of them?

If Jupiter's orbit moves a little and balance is required by cosmic physics, NATURE would allow all the orbits to adjust a little. A little adjustment in earth's orbit has what effect on global warming (climate change)? I think it would be 10,000 times 10,000 ($10,000^2$) more than the sum of all man's activities over the last 42,800 years. By the way that's about how long modern man has been around. Really, how much are we at fault for climate change and how much of it is due to a small correction allowed by NATURE, or the NATURE of the UNIVERSE?

What about solar flares from the sun? Flares are bright shining lights used in Common Space to provide warnings at night to provide alert on-comers of something ahead, like a stalled truck or car. NATURE'S Sun solar flares are large eruptions on the surface of our shining daytime star, the sun. A solar flare is somewhat like the NATURE made eruption of Mt. St. Helens here on earth which is said to have been equivalent to 500 atomic bombs. The energy released from a solar flare is said to be 10 million times that of a volcanic explosion. However, it is less than one-tenth of the total energy emitted by the Sun every second. WOW! NATURE'S first BIG BANG must have been REALLY BIG?

One such sun eruption was 367,000 miles (590,630 kilometers) across the sun's surface. This would have circled the earth almost 15 times and lasted an hour. At a temperature of 20,000 °F (11,000 °C) it would have cooked everything everywhere! The US destroyed two cities with atomic bombs in World War II. This is not even measurable to what NATURE could do with HER sun's (son's-child's) energy!

Solar flares produce cosmic rays and can interrupt radio and electronic signals here on earth in Common Space and in Outer Space and most likely Inner Space. They can even endanger astronauts. Solar Flares impacted the Mar's Mission in "Red Planet" as gamma radiation bursts almost ended it at their arrival to the red planet – hence I think the naming of the movie.

I learned a long time ago that many things are outside my circle of influence. Current theoretical physicists and environmentalist could use a dose of this simple logic from NATURE. Don't get me wrong, sound common sense control of our physics, engineering, and environment is critical to our human survival, but it doesn't even register on NATURE'S power scale.

Here's a little math: The earth weighs 6.6 sextillion short tons (2000 lbs. per ton). To write this number out would be 6,600,000,000,000,000,000 short tons. To put this into kilograms multiply by 907 kg/ton. There is approximately 7 billion (7,000,000,000) people on earth. If they average 200 pounds (91 kilos) each that means the human weight on earth is 7,000,000,000 x 200 or 1,400,000,000,000 (1.4 trillion) pounds or 634,700,000,000 (634.7 billion) kilos. Because the earth's weight is in tons and mans is in pounds we need to get our weight in tons to check the ratio (how much of one thing compares to how much of another thing) in our recipe. Tons or kilograms don't come into play with ratios – it's just a math thing with units [lbs/lbs – kg/kg]. We put our weight in tons by dividing our weight by 2000 pounds per ton. The result is the human weight on earth is 700,000,000 (700 million) tons. Now if we divide our weight by earth's weight the number is so small

$\{(700,000,000)/(6,600,000,000,000,000,000,000)\}$ or [700 million/6.6 sextillion] = 0.00000000000011) that it probably wouldn't even equal the ratio of a dust particle to your weight. Are you starting to realize how small we are?

How many dust particles do you worry about every day? Not many unless you're wearing black and have dandruff (those white dry skin flakes that come off your head). I don't have much hair on my head so they easily wash away. Can't say I thought about it for years until this analogy (using something common to help with understanding something more complicated).

Do you really think NATURE worries about the human dandruff on earth, let alone in the COSMOS?

Not impressed with NATURE yet? The next event should catch you like a massive NASCAR car crash taking out all the leaders and most of the field on the last lap of the Daytona 500. Maybe the cosmological event I'm talking about is just too slow for everyday people to take note of. But the man the telescope used in the previous event story was named after, predicted this cosmological (Outer Space) occurrence.

Edwin Powell Hubble determined that the Universe was expanding and the further away from our solar system and galaxy you look the faster its moving away. Man has nothing to do with this expansion, but NATURE does! Now they know the moon is even moving away from the earth. In time it's all going to come apart like a NASCAR car being methodically taken apart in the garage and readied for the next race. And there is absolutely nothing we humans can do about the Universe coming apart. What's wrong with Gravity?

Our greatest mathematicians, linguists, and physicists are comatose (in a deep dark sleep) when faced with the resolution of NATURES reality. And SHE never responds with math or words. SHE just does what SHE wants; the way SHE wants; when SHE wants; where SHE wants.

You can live for today or for tomorrow. Just remember you can't take it with you when you die, and NATURE will eventually take it all away. Maybe SHE will put it all back together again for another start, after she lets it drift apart relatively speaking: sounds like a god?

Who is really in control or is everything in Outer Space in slow motion out of control? Slow motion is actually incorrect. Our solar system is travelling at speeds far beyond the wildest dreams of any NASCAR driver. The earth spins on its axis at about 1000 miles (1609 kilometers) per hour. This is almost seven (7) times faster than a NASCAR car's average speed of 150 miles (240 kilometers) per hour. The earth is moving around its solar track at a speed of about 66,600 miles (107,000 kilometers) per hour. About 440 times faster than a NASCAR car's average speed. Our entire solar system speeds around the Milky Way galaxy at about 558,000 miles (898,000 kilometers) per hour. Or about 3700 times faster than a NASCAR car's average speed. Or about 1,110 times faster than the average jetliner can fly.

Keep in mind; it takes the earth a whole year to make one lap on its racetrack. And we don't see or feel any of this high-speed motion on earth, or do we? What is Gravity? This will be evaluated in Article 7 of THE BODY OF NATURE.

Here on earth with all the wars and rumors of wars; terrorism; and piracy at the beginning of this first century of a new millennium we will bring us to an end long before NATURE does in her slow sweet time, relatively speaking.

Today, PhD's of theoretical physics aren't even sure what time is. As they lost grasp of Inner Space they've lost grasp of NATURE'S TIME and Outer Space. However, keep in mind, nothing they've done or theorize will affect what NATURE is going to do. And that's the whole goal of theoretical cosmological physics; find out what SHE really does in the "Really Real World". And that's what I think this work does. It reveals the "Really Real World" of NATURE over HER TIME at WORK. Or should I say at PLAY.

We've just touched on a little of HER play in Outer Space. Now let's take a look at NATURE in Common Space.

I observed something one day that opened my eyes to electric impulses that result in brain waves. As I drove to work to help a local farmer I saw a hen pheasant brush an overhead power line with her wing. She went into a corkscrew tumble, but before the second twisted rollover she was back flying and appeared to be unaffected.

Considering the slow progression of evolutionary learning against the recent advent of overhead power lines her rapid response ability had to be built in from NATURE. Her brain had to respond, and respond rapidly. Her brain had to register the contact; analyze the ever changing three dimensional crash course over time; determine the needed corrections; send out brain waves to the muscle control to respond; make the wing & tail corrections needed to regain flight; register the response; and fine tune it all in a blink of an eye lid to fly away. And she flew a good 500 yards (about 460 meters) and landed. How big is her brain compared to ours? I don't think the pheasant went through the process analysis outlined here, she just instinctively responded.

Have we lost all of our instinct and imagination [intuitive thinking] to book knowledge? Have we become followers instead of leaders? The best of man's super computers can't even come close to a flying hen pheasant. Maybe there's some BS, MS, Ph.D. school of hard knocks for bird flying I don't understand. I always wondered why they lined up in groups on a power line with only a few flying around.

We humans maybe the most technically advanced, but we are the most NATURALLY challenged of all the species. How many of us would survive in NATURE without any technology? I mean no phones, no electricity, no cars, no gas, no homes, no grocery or convenience stores.

What's wrong with human evolution? NATURE throws us another strike. What's that they say in baseball? "Three strikes and you're out!" Man can kick dirt, stew and fret, but in the end he's all wet (wrong) and NATURE'S natural way is RIGHT & GOOD! Can we find it?

If we look at all HER activity on earth with weather, and earth quakes and volcanoes we try our best with our best computer models to predict and protect, but in the end it's up to each individual to run and hide for safety. It's that NATURAL built in instinct response of flight in the face of fear.

But unlike most other animals there are some in our species that think they can ride it out and others that think they can repair and rebuild against what SHE can dish out. And in their spirit to fight with NATURE they go and build and rebuild where we shouldn't. Whether that be below sea level; on a crack within the earth; or snuggled up against some chaparral bush (South Western United States wild shrub) that when dry burns like gasoline; or up against a mountain that spews ash & fire and causes super storms of dirty hot air and floods of mud.

And in the end what are we really left with, but to let NATURE take HER course. All the time paying out billions after billions to rebuild, forgetting that it was NATURAL disasters and the resulting

infrastructure costs that brought the Roman's to a final end. Is history repeating itself in the Rome of the West, the New Babylon? I think NATURE throws US for a loss on every attempt we make at trying to stop HER from having HER way at play. We may call sports teams World Champions, but it's clear to me, NATURE is the only Universal Cosmological Champion. SHE controls everything from Inner Space through Outer Space. And Beyond Outer Space Space, I'm not sure?

We've covered Outer Space, and Common Space. What is NATURE up to in Inner Space? If we look first at medicine and diseases, the best doctors in the world can do all they want and they still can't stop people from dying. I know I'm going to die, but are we so weak that we can't cure diseases? And it seems old diseases are coming back and new diseases are popping up all over the World. Not much our army, air force, navy, or marines can do about it [no disrespect intended – the lower case of the Titles of our Armed Services is intended to illustrate humility before NATURE].

Turns out NATURE can mutate (change) a disease in response to a treatment such as a medicine. Maybe Einstein's thought is more correct than confused on this topic as well as the deep Inner Space of Quantum Mechanics in that we have some basic incompleteness in our basic understanding?

That's what this work opens up, the completeness in understanding of NATURE over the range of Inner Space to Outer Space wrapping Common Space (the Really Real World) in a cozy blanket of warmth. And SHE may even reach into Beyond Outer Space Space the realm of GOD.

Let's take one more step into Inner Space, deep inside, down to our basketball (quark particle) and our ping pong ball (electron particle). Some current string theoretical physicists' call them point particles, and argue a point has no size, no dimensions, and no diameter and that it is only an imaginary reference. More linguistic BS, MS, PHDing in my opinion; and again I'm not talking college degrees.

They say it can't be anything at all way inside Inner Space so their new theory is required to answer all basic misunderstanding of NATURE in current theory. They do this to justify their theoretical idea of intrinsic spin, but not really spinning. For if it is nothing it can't spin. This allows them to then introduce the "*string*" of everything theory or what is called "*superstring* theory". Now I even understand they have a starfish called "*m-theory*" with five tentacles (arms), one for each alternate string theory. Remember a theory is a guess. And all their string guesses require extra dimensions beyond the three that we live in Common Space and which NATURE operates in.

Their claim is that these extra dimensions can exist because their abstract mathematics shows they can exist outside of what we can see because we exist in only three. If my heroes are watching they're probably laughing out loud with GOD. Does NATURE require extra dimensions to achieve HER mastery of the Universe? Not in this work! And I will illustrate it throughout this work.

What about some "Really Real World" experiments on the deep Inner Space quark and electron and the results. They use what are called atom smashers to do their experimenting. Turns out our two basic balls have charges. Wait, they have charges? But they are point particles that are nothing in the new string theory. How can nothing have something? Is this more absurd than NATURE?

Maybe they're not point particles in NATURE? And if they have size and charge and charge is related to motion, maybe NATURE really spins them and we just can't see the spinning?

For we've learned in Outer Space and Common Space SHE can do what SHE wants; the way SHE wants; when SHE wants; where SHE wants and we can't do much about it. Should Inner Space play be any different for HER? I don't think so!

In this new theory of NATURE'S MEND we will let HER spin HER way along physically and naturally and see what basic understanding is uncovered in all three spaces over time. You will see SHE can do whatever SHE wants way inside Inner Space where the most powerful of man's atom smashers can't smash and the greatest theoretical minds in current physics can't intuitively (logically simply) imagine and are in the Dark (lost without understanding) about "What's going on here?".

Remember the one little spice to their tasteless recipe? Every time they build a bigger atom smasher, they see bigger and bigger quark like and electron like particles, but these manmade giants quickly come apart and return to the NATURE made quark and electron particles we work and live with in daily life. What's this say about the man-made god particle Mr. Higgs and his short life?

By letting NATURE spin from the beginning with logical simplicity, SHE simply seems to shed LIGHT on all the current darkness.

Are you ready to consider HER LIGHT (WISDOM & UNDERSTANDING) over HER darkness (our lack of basic understanding)? This thought question is in line with Einstein's comments about Quantum Mechanics. So if they reject this work as they rejected him, I will be in good company!

It is the genius and respect for NATURE and GOD of Albert Einstein and others, my heroes, in mind and in spirit that's the Standard for this work. So let's let NATURE work us through HER ways, means, and methods instead of imposing our ways, means, and methods on HER.

Are you ready to walk hand in HAND with HER and let HER lead? If so let NATURE'S CANON (the rule by which a thing is judged) retort (to reply quickly and sharply) like the TRUE BIG BANG of HER fireworks. Let's let HER fireworks be explained from BEGINNING to END and around again.

But, before we jump into HER kitchen and start cooking with HER to uncover HER recipe card I will give you a little flavor of what's going on in there and out there in this work.

billion light years into Outer Space. It will be done in thought experiment wrapped in reality without warping anything, trying to explain everything. Standard Model particles will come into play divorced from current physics dismay (loss of courage to walk alone). And that's why it's HERETICAL UNCERTAINTY (A different belief not known to be true in the beginning). Time will tell! No, NATURE over TIME will hopefully reveal HERSELF.

Who was it that said, "It is the customary fate of new truths to begin as heresies!"?

Matthew McCann Fenton in, "TIME"¹⁶ "Exploring The Unexplained" notes, "*‘Truth is stranger than fiction,’ Mark Twain once quipped, ‘because fiction is obligated to stick to possibilities – truth isn’t.’ As was often the case with Twain, this smart-aleck remark was the camouflage that concealed a provocative insight: many times in history the truth has turned out to be a radical departure from what everyone ‘knew’ to be true. Perhaps that is why important new truths are so often uncovered by fringe figures and outsiders.*" I know what it means to be on the outside and "CRAZY". Thanks Mark, Gnarlis Barkley [Danger Mouse – Cee-Lo Green], AI, et al. (and others)!

Today we read and/or hear so much about GOD and science and their incompatibility. Yet, when I began and throughout my work on this subject; researching current physics theory and proposed multiple dimensions, branes, bulks, and superstrings I was surprised to learn how much GOD pops up in current physics theories; sometimes offensively and sometimes defensively. If you haven't picked up on it already I will admit HE is going to pop in and out of this work as well.

I think we can all admit that Mr. Albert Einstein was a Genius! His formula of $E = mC^2$ is the most exploited physics icon in the world; it is even being used as the title for a music CD by Maria Carey⁵⁴. Maybe it is the most exploited icon of all? He may be better known than the Beatles⁵⁵ are!

Yet in current physics they don't know why nuclear explosions only yield an energy release of 1/1000 of the Energy calculated from this Formula. So there must be some spice, ingredient, basic understanding that they are missing. And it turns out that spice is "spinning" and NATURE'S MEND will show how close SHE comes to nuclear explosion yields (A new theory matching experiment – the toe hold for truth). The proof that the theory just might be reality!

And when they look at the two extents of current theoretical physics, into Outer Space and inside quarks and electrons of atoms beyond the visible into Inner Space, black holes (dark unknowns) appear. And they theorize with erudite linguistics (really big words) and differential & eigenfunction mathematics (complicated vibrating formulations) into dark matter, dark energy and extra dimensions to come up with super vibrating strings to sew up the holes, never considering the WHOLE.

This work considers the WHOLE of NATURE and it will be identified in in the beginning, in Article 1.

Remember AI-E told them, "GOD does not play dice with the UNIVERSE! And that the quantum physicists must be missing some basic understanding!" It's not a random chance of probability. Why won't they listen to him? I'm listening a lot more than I was. For he also said, "The most beautiful thing we can experience is the mysterious. It is the source of all true art and science."

The mysteriousness of NATURE: spinning without looking like SHE is spinning deep inside Inner Space and far beyond our visible Outer Space. This spinning just maybe the axiom of everything. Why won't they romance with NATURE instead of trying to bind HER (tie HER down) with their PHDing superstrings? Has their white elephant and ivory tower become so colossal that

acceptance of this truth could bring them to a collapse, to an end? Does the greed need for funding drive their discovery of their son of god particle?

This work formulates the WHOLE (The Outer Space recipe card). Then it picks it apart for holes (missing ingredients and/or bad tastes). And in the end puts it back together again to discover what NATURE will spin. Spin being metaphorically used for what SHE will tell us about HER Ways, Means & Methods of COSMIC and SUBATOMIC CONSTRUCTION. And literally used to explain How & Why motion exists in Outer Space where Earth is only a point particle in the Milky Way; and inside quarks and electrons, point particles in the subatomic of Inner Space.

We will let HER do this from the Beginning of TIME (Before the Big Bang) to the End of TIME and another Big Bang. "As it was in the beginning so shall it be in the end." For HER, SHE has all the TIME to spend, but we're here for only a short stay. We should start listening to NATURE right away.

The question now is, "Are you ready to run away from current theoretical physics and everything day to day, gravity and light speed, and jump into NATURE in thought play?" GOD may even show up and dwell for a day! However, in this work there is no need to pray for its all NATURE'S WAY!

Could the UNIVERSE live and die in a different way than the doctors of theoretical physics want to make HER say? "The boldness of asking deep questions may require unforeseen flexibility if we are to accept the answers." ^B Could we be living alone in a BEAUTIFUL 3-Dimensional MASTERPIECE of life over ABSOLUTE TIME IN A TRUE NATURE'S RHYME? With GOD as the SUBLIME (EXALTED; EXCELLENT; EMINENT; SUPREME): [The only GOOD behind MOTHER NATURE]?

NATURE'S CANON (Contents) the 2^3 (two cubed $2 \times 2 \times 2$) $\Leftrightarrow 2 \times 4 \Leftrightarrow 8$ Letters sent to the author of "Warped Passages"; and CANNON (Big Bang Postulate of Spinning) and its retort (explanation of unknowns) are the essence of this encapsulation. Some of the Letters were sent to others. Now they have been compiled and piled upon (expanded) into Articles for you to ponder NATURE'S wonder across the WHOLE, the COSMOS from Outer Space to Inner Space and beyond.

"Warped Passages" By Dr. Lisa Randall is a great counterpart to this start to understanding NATURE'S PART in the WHOLE SHOW of *PHYSICS*.

TLBYAKY – TLMHFTSUYABGTY – TLLUHCUYAGYP
You'll get it near the end.

Enjoy my TOY (to amuse oneself) with NATURE'S MEND!

PRECURSOR

NATURE'S CANON

[THE EIGHT {8} ARTICLES]

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The COSMOS Process Engineered A New Base Model?

[THE FORMATION OF THE RECIPE CARD OF NATURE'S MEND 23-MAY-2007]

This first Article (clause in the treaty [agreement] with NATURE) in NATURE'S CANON has grown from the roots of the first letter sent to the author of "Warped Passages ...". It is the formation of the recipe card of the origin of the Universe's [Cosmos's] Origin and Outer Space with a little consideration of what's going on in the very beginnings of Inner Space, at a planetary scale before HER Big Bang. The detail of the smallest of small Inner Spaces [Quantum] is left for later Articles 2, 4, 6, & 8.

Like a cook in the kitchen trying to create a new recipe or more appropriately trying to uncover the ingredients of a very succulent (excellent tasting) dish of another cook [kook? – the phonetics of the English Language Linguistics! I was never much on spelling!], we must first guess at what ingredients are involved and how much of each ingredient is involved.

This is our first step in scientific experimenting to make a great chocolate chip cookie [Sound Theory of Mr. Bhaba] without a recipe. You sometimes go out and gather up other chocolate chip cookies and eat them to see if you can taste each ingredient. You then make different batches and eat some of each batch to determine the balance of ingredients and/or if anything is missing.

That's what this work does! It formulates the recipe card, then plays with the ingredients to see what they bring to the mix and in the end it puts them together to see if a feast of basic understanding is delivered to the scientific table. {If you can't wait – you can go and read the epilogue – hopefully it will spirit you back to this beginning.}

My son is much better than I am at tasting spices in a finished dish and determining the recipe. I was with him one day in the kitchen when he dissected a jerky flavoring with his nose and taste buds. We tested his dissection on some venison and he was right on with the flavoring. It was gobbled up quickly! We enjoy hunting, fishing, and eating what we harvest. We cook together whenever we can, which isn't very often anymore. He is now off making a life for himself as an adult.

For this work it is going out and reading and studying what others are working on in Outer Space and Inner Space relative to theoretical physics. If you read the front end of this work you know I've done a lot of sampling of what others are up to in the formation of the recipe for NATURE. If you check their recipes you will learn they admit much of the basic understanding of HER is missing.

Anyone can put all the ingredients for a batch of chocolate chip cookies together because all you have to do is take them from the recipe on the back of the bag of chocolate chips¹⁹. And it is similar with NATURE, but not quite as easy. Anyone can come up with a theory for what ingredients are on HER recipe card. Remember a theory is a guess, and we guess at NATURE because we can't go to the local super market and pick up a bag of NATURE CHIPS with HER recipe on the back.

The ultimate understanding of NATURE or the great taste of our chocolate chip cookies comes from how we mix the ingredients after they're in the bowl [HER Existence before the Big Bang] and how long SHE allows them to bake once SHE'S dropped them on the cookie sheet. For example, three or four quick stirs with an old wooden spoon wouldn't do much for mixing the ingredients of our

chocolate chip cookies. An electric mixer would do a much better job as long as we didn't beat it so fast and/or so long as to smear everything together. Has current theory smeared NATURE together with their atom smashing mining into the father god Higgs Mechanism? Does the son of god particle prove the father god's existence? The darkness of their results will be revealed!

We can look at the mixing effort as a form of energy. The heat of baking is another form of energy that goes into making our chocolate chip cookies. Cooling is the last form of energy to allow us to eat them after we're done heating them. All three energies take time. Time here is straight and goes in one direction and doesn't slow down or speed up. Then we test what we've done to see if everything that was missing in the past has been included. You can go back and mix the ingredients once they're backed but then you will have that brownish powder discussed earlier that is not so taste tempting.

It will be similar with NATURE'S MEND. When you think about NATURE'S size how long do you think the mixing time will be? Currently they think it has lasted around 14 billion years (14,000,000,000 yrs.). What's special about NATURE'S mixing, baking, and cooling is that all three are going on at the same time everywhere and at all times. Once everything is cooled off, frozen to absolute zero, what happens?

We will have different ingredients with different types and amounts of energy to establish NATURE'S MEND recipe card. And from the earlier quote of Dr. Randall we know they are missing a lot of the recipe card for NATURE in current theory. And if your read Dr. Randall's book or Dr Greene's books you will learn they are throwing every spice they can come up with into the mix to resolve the tastelessness (missing unknowns – dark stuff) of their current recipe for NATURE.

As it is with painting, it is with spices, or excessive (to many) ingredients: the more you add the more definition you lose. Take every spice in the grocery store and make a hamburger or veggie-burger. I'm not sure it would be edible. This applies as well to mathematics and linguistics in the theoretical playground.

There is an easier experiment, mix every color there is into a single bowl and look at what color you wind up with. Most likely it will be some shade of gray. Hard to paint a picture with only a single shade of gray [or is it grey]. So simplicity wins with colors and spices and when to add them and how to mix them. I bet you it will win with NATURE and HER play. How many colors are there in a rainbow? Some will say six and some will say seven, either or, not very many! Maybe there are eight?

I've tried to teach my son about please & thank you and complementing when he experiences something that has expanded his tastes or understanding. As part of the first letter I congratulated Dr. Randall for being recognized among **TIME100** | SCIENTISTS & THINKERS | of 2007!

I indulged in the contents of her book "Warped Passages" and I went back and studied it. It was refreshing to see someone in Science and Engineering show humility for the laws and dimensions of NATURE and the Cosmos. To pluck a quote from her book, "*This new, previously unexplored suggestion highlighted the extent of our ignorance about gravity and the shape of the universe.*"^A So she admits that current theoretical physicists are missing the big picture of NATURE and are ignorant (knowing little or nothing) about the 300 year old spice of gravity and the shape of the Universe.

I'm going to snatch a few more quotes and items for these Articles of NATURE'S MEND, which I will also indicate in blue and italicize. I asked her if this was OK, but never heard a word from her or

anyone else! If you look at the copyright disclaimer in the front of her book you will see permission is not required *“in the case of brief quotations embodied in critical articles and reviews.”* I consider this a critical (inclined to find fault or disapprove (disprove) & pick apart) review of her and her peers work in Outer Space and Inner Space. I am a picky person after all.

Can we challenge the genius of the past and present? Will one genius rise above the others? The current and past gods of PHD physics have chipped away at the iconic genius of Albert Einstein! Are these PHD gods up for a challenge [Intellectually and Conceptually] from an outsider? *“By thinking about the bare essentials, rather than assuming that everywhere, even inaccessible regions, is made up of spacetime that looks like ours, we can deduce what is really fundamental and what is ultimately conceivable and legitimate.”*

I must confess that my view of time & space is different from the warped spacetime of general relativity based current theory where they believe time can speed up and slow down. This will be discussed in a later Article of NATURE'S CANON.

If they're off the mark on space and time, how can they ever hope to find what is really fundamental and what is ultimately conceivable and legitimate?

There is an old saying, “Lead, follow, or get out of the way!” I'm trying to let NATURE lead me out of the dark woods of mathematics, linguistics, and absurdity that has current theoretical physicists running around in chaos in the darkness of black holes, dark matter, dark energy, and dark (unknown) extra dimensions with their hidden string shapes, sizes, and ingredients. I say darkness because they have been following quantum mechanics based theory for close to 100 years and are still not even close to resolution of NATURE'S recipe card. Study their books and you will realize they are groping around in this darkness.

Richard Feynman: considered to be one of the greatest theoretical physics gods since AE (Albert Einstein) is quoted as saying, “nobody understands quantum mechanics”! If you can't understand it how in the hell are you supposed to ever mix the ingredients and bake (work) with it to have anything tasteful (*what is really fundamental and what is ultimately conceivable and legitimate*)?

This work will expose quantum mechanics in NATURE'S way that is understandable and useable. It's part of deep Inner Space and is left for a later Article. For now we will continue to work on NATURE'S Origin and Outer Space recipe card.

Is there a flaw in the current base model of the cosmos as Lisa declared in “Warped Passages”? *“..., we are clearly still missing the big picture.”* Is the current base model rooted in religion; that everything shall come from nothing in its creation: in a sense defining creation itself as theoretical?

They currently theorize that it began as a teeny tiny particle of super density (really really heavy for its size). It is mass without massiveness. Even if the strength of all super heroes' was combined, it wouldn't be enough to lift their teeny tiny clump of sons of god particles.

Now they're searching with their biggest atom smasher to date for what some have called “the god particle” and they think they've found it. They are already working on the next, even larger, atom smasher. This god particle is a particle that is supposed to pop out of a wave mechanism. So a wave mechanism came first. But it is a wave of nothing at all, in nothing at all in the very beginning in their theory. It is just more spinning but not really spinning BS, MS, and PHDing of the current theoretical physics gods.

The only thing that Old Book of the three religions of judaism, christianity, and islam says on the matter is, "The earth was without form and void, and darkness was upon the face of the deep; ...". And we have talked about the light of the first day being from NATURE'S Big Bang. I used lower case on the names of the religions because I have no respect for them. I respect the individual's right to choose, but I don't need to respect their choices. For example I see humans smoking and doing drugs and that's an individual's choice. I just don't think it is a good (respectable) choice.

Religions claim their god created everything and thus in the beginning there was only their god. I chose "god" here versus "GOD" because they all claim GOD, but define their god in different ways, so their gods can't be the same god and they can't be the ONE GOD in this work. So in religion everything came from nothing with the help of a god. Just like the current physics theory base model with the Higgs Mechanism god. The religions dispute over the son of GOD.

So current theoretical physics and religion both seek some form of a god in the beginning to create everything. I told you nothing was sacred in this work.

I unbound my thoughts and contemplated, "Could the darkness in the beginning be a hiding place for dark matter and dark energy? Is it really dark or an aftertaste (*flavor*) of NATURE'S TRUE BIG BANG? Or are we missing some basic understanding? The Big Bang, a common brush stroke but of a very different color, like green versus gold fireworks. And as for GOD in this work, I have left HIM up to NATURE and HER WILL. Behind every GOOD WOMAN is there a GOOD MAN?

What if in NATURE'S WILL, everything that exists, existed in the beginning in some form of matter and energy in HER Base Model? This would mean that everything came from everything in this theory of the COSMOS! It is the exact opposite of Current Theoretical Physics. This is the other little difference in theories that is a huge difference in the beginning as really spinning particles is.

We and everything else are just different mixtures of the parts (Inner Space Ingredients) from the beginning. Though, the sum of the matter today doesn't equal the sum of the matter at the origin of the COSMOS, because of the conversion from matter to energy. Because we can't see the extents of the COSMOS we are ignorant as to how much is really truly out there that we can't see in the darkness beyond 14 billion light years.

Ever see a train go by, and wonder if the rail cars are full, empty, or somewhere in between? Ever camp at a campsite in a park and wonder how much wood had been burned in the campfire ring since it was placed there? Ever try and guess what your neighbors are doing right next door?

Trying to guess at what the Cosmos was from based on what the Universe is may be a cold and dark trail of looking back that is impossible to track after 122 billion years, give or take! Remember they currently think it is around 14 billion. Some even say 10 to 20 billion. I'm just saying they could be off by a 100 billion or so. It's like looking at an old set of photos from birth to age twenty and then trying to guess how old the person lived to be. You just can't tell from the information you have in front of you.

Let's look at matter converted to energy for just a bit. Where is the wood after a campfire? It gave up its energy to keep you warm. But if you captured all the heat, gases, and ash and put them back together again you wouldn't have as much as you started with. You couldn't glue together a piece of firewood. Where is all of the race gas (high-octane gasoline) after a Formula One or NASCAR race? Try and capture the fumes and use them as fuel. They would call you a fool. The small difference or what is lost, that doesn't allow you to go backwards, is called entropy. Entropy is also considered the disorder of something. Relatively speaking the campfire wood is in a low state of

entropy, but after it is burned it is in a high state of entropy. For a FORMULA ONE¹⁰ or NASCAR¹¹ car, gasoline is in a low state entropy, and the racecar exhaust is in a high state of entropy.

Entropy is a form of energy; we just don't know what to do with it. The way I look at it is, Entropy in Common Space says, "You can never go back; you can look, but you can't touch!" I wonder if Entropy works the same way in Outer Space and Inner Space? If so, the COSMOS before this TRUE BIG BANG of NATURE needs to be in a low state of entropy. The current gods agree with this, they just haven't been able to paint a clear picture of what this low state of beginning entropy should look like.

When we look at the stars and think they are in COSMIC order, there really is a tremendous amount of disorder (dark stuff) out there we can't see and don't understand. How many supper novae (exploding stars) have blown up in the past that were never seen? How many are burning right now that we can't see. It's just once visible matter being converted to invisible energy! Invisible energy: ever seen gravity? You see the effects of matter to energy conversion every day in the burning stars, which our sun is one of. You see the effects, but have you ever seen it?

I must confess that I am not educated in Cosmology and am even less knowledgeable of Particle Physics. However, I have a Mechanical Engineering Degree and have been a Process Consulting Engineer for 30 years with an emphasis in Thermodynamics (energy) and Fluids (liquids). Both have involved a great deal of applied modeling to solve some fuzzy logic problems. Working on the process of NATURE'S MEND is not much different.

I have always had an interest in the stars and the Universe from my youth. I like to lie on my back and gaze into the beyond with eyes open and closed seeking the truth about Outer Space & Inner Space [Inner Space here I mean the soul]! Now I'm after the Inner Space of NATURE, HER SOUL.

I have been reading with more regularity articles on, or containing components of black holes, dark matter and dark energy. If for nothing more than a humorous uproar, I thought I would take a crack at my dream of the COSMOS from the process engineering prospective. *"The cosmos could be larger, richer, and more varied than anything we imagined."* It could be 120 billion years old, with three simple dimensions, spanning a logical constant of time! It could do this without warping anything. Please pardon my exuberance (excessive outburst)? Here it is in the beginning in this Article; other Articles; and Article 8 in the end will finalize it; and then I will summarize it.

THE COSMOS PROCESS ENGINEERED (The forming of NATURE'S recipe card)

If we begin with the concept that matter and energy cannot be created nor destroyed, (contrary to concepts in current particle physics theory and interpretation of exotic atom smasher observations) it leaves us with the corollary that anything that will exist, existed in the past in some form of matter or energy. I use exotic here because all one needs to do is look up atom in the WORLD BOOK encyclopedia (1987 edition) and look at the picture of atomic particles smashed in an atom smasher and the tracks they made on a recording film. You can probably look it up on the Internet also. They find something they think is meaningful in one out of a billion (1/1,000,000,000) smash-ups.

Let us begin at the beginning, at the very beginning before the TRUE BIG BANG, and even before GOD said, "Let there be light!" on the first day. By doing this we can consider that all that was in matter and energy (M&E) was super-clumped upon itself to a point that all M&E formed a Super Sphere (One big chocolate chip cookie dough ball) before there was light. Thus, in this theory The Base Model in the beginning was BIG not tiny. It was mass with massiveness (huge) versus massive

mass without massiveness – teeny tiny (without any size) in the Current Theory Base Model. NATURE’S MEND and current theoretical physics are at complete opposite ends of theoretical at this stage of the origin of the COSMOS.

It’s a great starting point for fulfillment of the truth of the dream “That the Physics of the UNIVERSE is not what we believe it to be.”

There were no other dough ball spheres: just the ONE. And there were no waves of any sort in Outer Space. Let us say the Super Sphere (SS) had an outer crust and molten interior (like the chocolate is melted in the cookies, but held in place by the backing dough (before the cookie comes out of the oven or has cooled off to room temperature).

The SS of NATURE’S beginning could be 120 billion miles in diameter as compared to the earth at 7900 miles. As Pluto is no longer considered a planet that would make NATURE’S Super Sphere more than 20 times the diameter (orbit of Neptune) of our solar system. The Super Sphere’s mass (volume for ease of reference if the two are made up of the same stuff in equal proportions) would be some 3.5×10^{21} (3.5 sextillion) times that of earth.

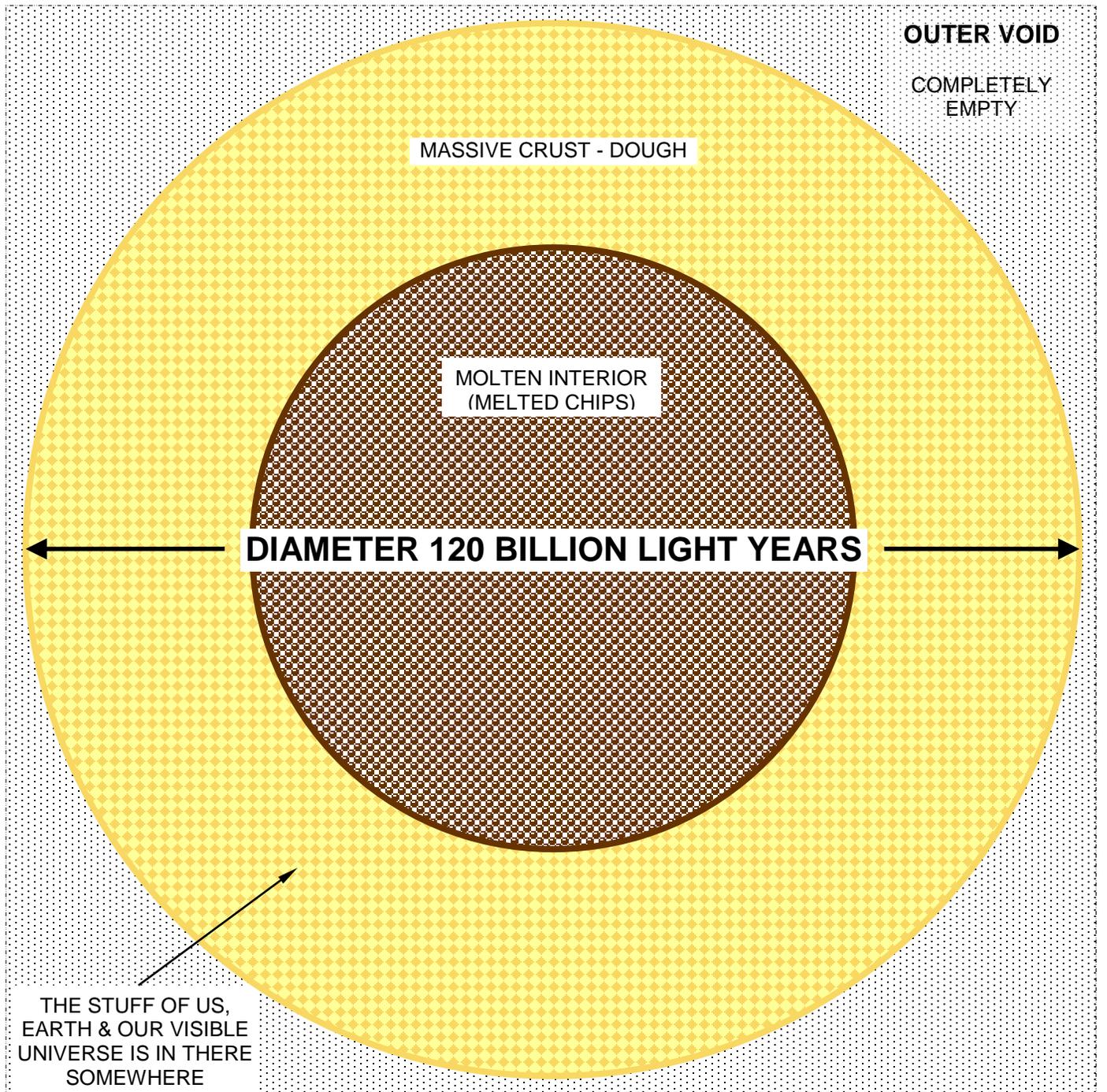
Considering that we can see light-years into space the units of miles on the 120 billion diameter may need to be changed to light years. Remember light years measures distance and not time. A light year is the distance that light will travel in one year. This would mean that the current mass difference would be multiplied by another 203×10^{36} (203 undecillion). This would make it 710×10^{57} (710 octodecillion) times larger than earth. Remember 10^{57} just means 10 times its self, 57 times. It’s so big I just don’t know how to describe it other than to say, “It would swallow our current visible universe like a person swallowing that last crumb spec of a great tasting chocolate chip cookie”! See Figure 1.1 the Super Sphere Cross Section of NATURE’S MEND in the Beginning.

The liquid (molten – very hot – like lava) interior was volatile and evaporating and condensing as it pulsated under the immense Mass – Energy & Dynamic forces (the revving of the racecar engine before the start of the race or as they zoom out of the pit) of this single behemoth. Mass – Energy & Dynamic forces is used here to allow gravity (that mysterious ingredient that captivates the current PhDs) to have additional components beyond mass, such as density, inner-orbital spin of the magma, friction, and electromagnetism of the core, and outer-orbital spin, to state a few.

Today the current gods of theoretical physics aren’t sure what gravity is and they have been searching for the graviton (a gravity particle) for years and still haven’t found it, though they have found the son of their other god. NATURE’S MEND will expose a new way of looking at the cause of Gravity in a later Article with the help of Aristotle and Einstein without changing the G-force or the feeling of it. You will have the same feeling, but the way you think of it will change.

Maybe mass is only a reflection of the magnitude (how big it is) of the Mass – Energy & Dynamic forces? Do you feel the effects of gravity while sitting in a car that is not moving? Or waiting in an airplane to depart the gate? You have to think about it to realize it: the pressure of your bottom – back side – ass on the seat! Or is it the pushing of the seat back on you? But ask a racecar driver; an astronaut; or a fighter jet pilot if they feel G-forces while racing around and they will say yes. So sometimes you feel it and sometimes you don’t.

Does a basketball have gravity? Some will claim yes, but it is very small or lightweight. What about that solid steel ball they heave in the Summer Olympics? It’s called a shot-put. Some would say yes. But drill a hole through a shot-put and no lava flows out. What is the difference between a shot-put and a planet like earth?



**SUPER SPHERE [SS]
CROSS SECTION
OF NATURE'S MEND
IN THE BEGINNING**

Figure 1.1

Mass – Energy and Dynamic (MEND) forces could mean there are cold masses (shot-put) with a cold core, and hot masses (earth) with a hot core (lava). How hot can the core become?

This would also mean that there is some transitional region (size matters) and/or transformational mechanism (energy [speed] matters) from cold to hot. This transitional region would be a function of mass. The bigger the mass becomes it reaches a point that the core pressure from the massive crust melts the interior core solids. By the way the current theory gods think the earth's core is solid.

This is kind of like what happens with ice-skating. The pressure from the mass of the skater on surface area of the skate blade transforms the ice to water and the skater glides along on a thin film of water [liquid H₂O]. This activity chews up the ice surface and makes it rough. That's why the Zamboni machine comes out and puts a smooth surface back on the ice.

The transformational mechanism could be a result of energies imposed on a mass independent of the mass: like microwaving a frozen cookie to warm it up. Don't microwave it too long you will burn it up. "You can eat it, but it tastes like sh__!"⁵⁶ "Been there – done that!" Thus the concept that gravity as an absolute force of mass may be incorrect and it may be only a reflection of size and motion.

This could also mean that a particle in Inner Space could be accelerated and contained with enough energy in an atom smasher to transform it from cold to hot. If this is true then what current physicists are seeing in a particle collider (atom smasher) might not be what they think they are seeing and may not be at all what they are seeking. *"By thinking about the bare essentials, rather than assuming that everywhere, even inaccessible regions, is made up of spacetime that looks like ours, we can deduce what is really fundamental and what is ultimately conceivable and legitimate."* The particle has become a Universe unto itself and nothing that they currently know (their mathematics and linguistics and physics) applies at that tiny space-time-dimensional environment.

NATURE'S MEND will lead us into this tiny environment without smashing anything in later Articles and reveal a basic understanding of quantum physics. NATURE will do this by building with Inner Space particles of a quark (our basketball) and an electron (our ping pong ball). SHE will do all of this in only three physical dimensions over time.

For now we will continue to observe NATURE'S Super Sphere. The internal pulsating approached harmonics (everything working together) as the evaporating and condensing environment eroded away at the crust from the interior. Or maybe SHE built the crust (plaque) from the interior. Maybe like the human body process of building plaque in the arteries on the way to a massive heart attack? Haven't been there or done that yet! This would put the initial planetary mammoth on the edge of a super critical BLEVE (Boiling Liquid Evaporating Vapor Explosion).

Remember at this point this is a guess at what NATURE is doing at the birthing of the COSMOS (the Origin) and may need to be revised before we finalize the recipe card in the last Article. So arguing about this being right or wrong at this point is of little value because we are experimenting with the theoretical of [guessing at] NATURE'S ACTIONS [MEND].

What would be the disposition of this matter (event) of matter (substance) and energy? This condition will be noted as SS₁CME₁, which is the single Super Sphere (SS) containing all COSMIC Matter and Energy (CME) of the COSMOS at the very beginning of time. The subscript (little number below) on the SS and CME just allows NATURE, in the future, the opportunity to recycle everything back into another Super Sphere of SS₂CME₂.

If we then consider that the instability of this matter and energy spontaneously detonated (crossed the harmonic threshold) at the center of mass there would be a condition of hyper-compression (very fast change) (like stomping on a bug – the bugs environment and existence went through a rapid change) of the molten material at the liquid-solid interface of SS_1CME_1 to a point the crust of SS_1CME_1 would fracture irregularly.

The first cosmic event of the birth of the Universe in this New Base Model is the detonation of SS_1CME_1 (NATURE'S TRUE BIG BANG). This lets the TRUE BIG BANG be the chime that indicates a new revolution on NATURE'S Time clock. This also allows NATURE'S TIME to be fundamental and absolute. We just need to define HER life time, which is most likely far beyond 14 billion light years by a power of 1000 (14×10^9 light years)¹⁰⁰⁰.

This detonation would result in a massive fireball, a common brush stroke with the current theory. They call it the primordial fireball.

NATURE'S TRUE BIG BANG detonation would release the following:

1. Visible Radiation (VR) – The LIGHT you can see and it can burn you. “NATURE let there be light. And the light was good. And there was a mixture of light and darkness on the first day of NATURE'S MEND Outer Space.”
2. Invisible Radiation (IR) – You can't see it, and it can still burn you from the outside and from the inside. Ultraviolet light, infrared rays, and microwaves are examples. Radio waves are also included in this: they don't burn, but they can create a lot of noise.
3. Nuclear Radiation (NR) – The scary stuff we always hear about. In some cases it can be helpful. And it can burn you from inside and outside.
4. Thermal Radiation (TR) – Also called thermal shock, which is a drastic change in temperature that affects the composition or properties of matter. An ingredient in current theory. And it can burn (over roast) you.
5. Blast Wave (BW) – a wave of gas at increased pressure, caused by an explosion and radiating from the core of the TRUE BIG BANG. It may not directly burn you, but it will drag you over whatever is in its path and you will have carpet burns, road rash, raspberries, et al.
6. Momentum Displacement of Cosmic matter (MD) – The leftovers of cookie dough matter of the Super Sphere of NATURE being tossed off into Outer Space away from the core or epicenter of the detonation. Shredding apart as they fly and collide with each other within the rapidly expanding Outer Space of NATURE'S Matter – Energy – aNd – Dynamics.
7. Electromagnetic Repulsion (ER) – With all the energy and matter flying around there would be a large amount of like charge built up. And as the law goes, like charge repels.
8. Vacuum Generation (VG) – The HOLE [void] generated by the big blow out of all energy and mater from the core. It may not directly burn you, but it will suck you back over whatever is left after the TRUE BIG BANG pressure is gone: more carpet burns, road rash, raspberries, et al.

Interesting, we have Eight Es (Energies) of MATTER. This is the beginning of the list of ingredients of our Outer Space recipe card. We will work on the amounts later in this article.

Because nothing existed in the Cosmos beyond SS_1CME_1 the detonation would be a perfect spherical accelerating propagation. Again this is an initial guess. We will let NATURE refine it as we work to the end. So we have a TRUE BIG BANG, LIGHT, and CHAOS. The surface of this expanding sphere becomes the outer spherical surface of the Cosmos that cannot be seen, forming the Cosmic Stew Pod (CSP) (NATURE'S Kitchen), which continues to expand today. Remember Mr. Hubbell predicted this expansion in the 1900s. More common brush strokes but defined here with a cause for the expansion.

The Cosmic Stew Pod is the kitchen that produces the chocolate chip cookies [Outer Space Objects]. It is the containment that controls everything in and beyond our small visible space of 14 billion light years. The CSP from SS_1CME_1 is the Ultimate *Supersymmetry* of all that is us, from particles to planets and all that is contained, it is the Whole. *Supersymmetry*, no matter where you look into the CSP from the outside of Outer Space (heaven) it is in balance. There is a balance across the entire extents of the Universe. Like with Formula One or NASCAR, the race day events may change, but the racetrack stays the same other than minor repairs and improvements. There may be internal movement inside the CSP, but the surface of the CSP is smooth.

Looking in from beyond, this also becomes the viewpoint for absolute TIME on NATURE'S Clock. For beyond the surface of the CSP of Outer Space there is no movement and it never changes it is ETERNALLY (no beginning no end) FIXED. This Beyond Outer Space Space [BOSS] is the realm [HOME] of GOD [the BOSS] of Heaven and earth and all that is between.

Interesting, Light, God Creation, and a Big Bang are in chaos today as they were at the Origin of the Cosmos! Does anything really ever change? Or do we only uncover more on our hike of life? As Henry Wadsworth Longfellow noted, "It is curious to note the old sea-margins of human thought. Each subsiding century reveals some new mystery; we build where monsters used to hide themselves." We will continue to build this new theory of the mysteries of NATURE at the turn of a millennium (10 centuries – 1000 years).

Let's look closer at our ingredients and start guessing at some amounts. The first form of energy released would be Visible Radiation (VR) (Light) let us say $VR \rightarrow f(SS_1CME_1)^{0.071}$. The fancy equation simply says that the Visible Radiation energy is only a part of, or a function (f) of everything that makes up the WHOLE of SS_1CME_1 . VR is an ingredient of SS_1CME_1 . The power, 0.071, is the amount of that ingredient in NATURE'S MEND recipe card. Considering that the light would be cast into the void of Outer Space, for there was no Outer Space in the beginning, it would be traveling at the speed of light, at some level beyond what can be relatively measured from earth, let us say $C^{1.174}$. This segregated the CSP; there would be light and darkness. The light is from stars and the darkness from debris, energy, and empty space.

If you really think I'm CRAZY proposing faster than the speed of light motion the current gods admit this with a resounding (definite) YES. You can look it up in Brian Greene's, "THE FABRIC OF THE COSMOS - Space, Time, and the Texture of Reality"^{B.b} paperback edition page 237 first paragraph.

The second form of energy was Invisible Radiation, let us say IR (ingredient) $\rightarrow f(SS_1CME_1)^{0.033(\text{amount})}$. This added seasoning to the CSP.

The third energy released would be Nuclear Radiation, let us say $NR \rightarrow f(SS_1CME_1)^{0.027}$. This would begin the cooking inside the CSP.

The fourth energy released is thermal radiation, let us say $TR \rightarrow f(SS_1CME_1)^{0.143}$. The thermal shock wave brought the CSP to a very high temperature very quickly.

The fifth form of energy released would be a hypersonic (way beyond the speed of sound) spherical blast wave, let us say $BW \rightarrow f(SS_1CME_1)^{0.214}$. This would generate a sound wave that went hypersonic causing the TRUE BIG BANG at the first rupture of the sound barrier. Remember in Common Space you first see the light and then hear the bang with fireworks. If you're close enough you might hear the bang of the launch first. This would agitate and mix the CSP.

The BW is very difficult for early observers and current observers to consider because it is even out of sight today. What's that old saying, "Out of sight out of mind!"? And it is the fifth energy released. How much of the first four are out of sight and out of mind today? Does that make them Dark? Can we consider that this blast wave accelerated past the speed of light in the absence of resistance, and then stretched to a point that its amplitude became null (smooth no longer a ripple of a wave)? It's like dropping a pebble in a pond on a still day. After enough time the wave ripples are lost in the vastness of the lake (Darkness Beyond).

The sixth form of energy release would be Momentum Displacement of Cosmic Matter, traveling hypersonic; let us say $MD \rightarrow f(SS_1CME_1)^{0.350}$. This would result in additional mixing of the CSP.

The seventh form of energy release would be Electromagnetic Repulsion, let us say $ER \rightarrow f(SS_1CME_1)^{0.150}$. This results from the core matter coming apart and breaking down into multiple electromagnetic fields opposing each other. These chunks of molten core gaseous atmosphere blobs would be Origin Stars. This would cause additional mixing of the CSP and spicing with energy changes locally around the stars.

The eighth and last and possibly the most overlooked, because of its minute size, would be the Vacuum Generation as SS_1CME_1 disintegrated into a vast disbursement of light, energy, gases, Origin Stars, and material from dust to planetary blobs to constellation conglomerates to galactic giants; let us say $VG \rightarrow f(SS_1CME_1)^{0.012}$. This Vacuum is the anchor at the core of the CSP and NATURE'S True Black Hole where nothing exists. True black holes and current theory black holes will be addressed again in a later Article.

The TRUE BIG BANG happened so fast that the order of ingredients is not critical except that Light occurred first and the Vacuum occurred last. The last thing we see, or that is visible because we will be long gone, will be the first thing that occurred – LIGHT. And the last energy created will be the first energy to start it all over again by collapsing (sucking) everything back to the core – the Vacuum. Actually they operate simultaneously like a Supreme Philharmonic Orchestra.

The visible matter remaining after this first detonation would be a fraction of the original matter of SS_1CME_1 : maybe only 10%. Could the converted matter to energy account for some dark matter in current theory?

The current theory dark matter definition from the book "Warped Passages": "*dark matter The nonluminous (can't see it) matter that carries about 25% (1/4 or 0.25) of the energy in the Universe.*" I would qualify this with, as applied to the extents of the visible Universe that we can see. I do this because we just don't know how much luminous (light shining) matter there is that we can't see.

Our visible limits may only be a dot in the grand portrait of NATURE. And because the COSMOS is still expanding from the initial BLEVE does it continue to convert matter and disperse

energy? Viewed from the earth the source of this influence is unknown. Is that why it has been dubbed dark in current theory?

Current theory has another dark component called dark energy. Again from “Warped Passages”. *“dark energy The measured vacuum energy in the universe that constitutes about 70% (7/10 Or 0.70) of the universe’s energy but is not carried by any form of matter.”*

Understand that the vacuum energy in this definition of current theory dark energy is not the same as the Vacuum Generation (VG) energy of NATURE’S MEND in this new theory.

The “Warped Passages” definition of current theory vacuum energy goes like this, *“vacuum energy The energy carried by the vacuum, the state in which particles are absent; also known as the cosmological constant.”* And current theory begins to string linguistic definitions together forever never going any place with their mathematics and understanding.

Here’s why! One more of their definitions before we move on with NATURE’S MEND. *“cosmological constant The value of a constant background energy density that isn’t carried by matter.”*: the origins of this constant are from Albert Einstein’s equations of general relativity. His calculations involving his equations showed that the Universe must be changing (expanding - moving outward as I put it). To avoid this expansion AI introduced a constant into his equations that forced the theoretical universe of his mathematics to be static (not moving) this constant was called the “cosmological constant”. AI considered the use of it as one of his biggest blunders.

Today they are still not sure if it exists, and because the Universe is expanding based on actual observations in Common Space of Outer Space the likelihood is that it doesn’t. Thus the likely existence of things associated with it, such as dark energy, don’t exist. So the Common Space observed influence must come from something else. More blanks to be filled in by future Articles. AI had it, but he restrained his “CRAZY”ness to fit with the days understanding. Here, I’m letting my “CRAZY”ness NATURE run wild.

We’ve established the eight (8) ingredients of NATURE’S MEND recipe card.

We have challenged some of the current theory ingredients with actual observations and put them in doubt.

Now we can move onto letting things begin to transform in the Kitchen of NATURE’S MEND, in the CSP.

Now things become a little more complicated. There continue to be detonations of the Origin Stars, planetary blobs, constellation conglomerates, and galactic giants [Little Big Bangs]. There is even the added aspect of Reconstitution & Detonation (RD) of matter (dust particles in Cosmic dust clouds coming together to form new objects and stars).

However, it must be recognized that these no longer take place in the void that surrounded SS₁CME₁, but within the initial propagation sphere (how they spread out from the TRUE BIG BANG) of the first BLEVE, in the Cosmic Stew Pod of NATURE. Thus, depending on the surrounding matter and energy distribution to these second level detonations the shape and dispersion (how they spread out from the Little Big Bangs) may be vastly different for each detonation. For example our Milky Way Galaxy is called a spiral galaxy. It looks like a flat disc with a bulge in the center.

Can LeBron James¹⁷ dunk the basketball the same way every time when he's alone on the court? Put five defenders in his way and I bet the dunk never happens exactly the same way. And I bet sometimes that the dunk doesn't happen. Or ever seen two racecar crashes exactly the same?

This Little Big Banging activity further mixes the CSP and begins to age the CSP based on linkage to the detonation level. Stars become time posts of the cosmic trail. It's like aging a car race based on the body style of the cars. This will come to contrast the two theories with an ancient spiral galaxy in a later Article.

This volatile detonation activity would go on for some time until forces (impositions) began to balance each other. This does not mean that motion in the Cosmos would balance or stop, possibly just the opposite. We continue to observe things popping in the CSP today. (Popping is used here to emphasize its infinitesimal impact relative to NATURE'S first TRUE BIG BANG and Little Big Bangs.)

Consider back to the initial BLEVE, no doubt some material would reach escape velocities and continue to travel with the expanding sphere of the COSMOS never to be observed by man. No doubt other material would be captured by the vacuum and be brought to near motionless stability, other than their degrading orbits around the center of the initial BLEVE. Again never to be observed by man (generic humans).

How many forces influence the orbit of an object? Can we say the sum of the Whole even when we can't see the Whole? Like, what is the true motion of a racecar on its racetrack? You see it going around, but it is also spinning with the earth's rotation and orbiting around the sun, and around the Milky Way, and et al (all others) and the Core of the COSMOS.

Other COSMIC material would be caught in a tug of war between the escaping material and the material of Vacuum degradation, and would be bouncing in an oscillation some distance from the center of SS₁CME₁. As time continues this oscillating becomes less and less. Therefore, depending on the time frame of the observation, completely different observations could be made.

Each detonation (bang) could result in the generation of a true black hole (Vacuum Core – Dark Hole), converted matter, and dispersing energy.

Can you see energy or only observe its effects? Thus, energy itself is somewhat fuzzy if not dark. It was not gravity that brought things together. It is Mass – Energy & Dynamics that keeps it apart. When you run out of Energy and Dynamics the Matter collapses. This collapse [backdraft] can be observed in films of the teeny tiny atomic bomb testing fireworks.

Maybe we are far beyond this and have settled into a perpetual state of expansion and death as all impositions slowly drop to zero? We know the expansion of the Universe is taking place. However, it's any one's guess [theory] as to what happens at the end!

Could the Cosmic Stew Pod expand to a point that all forces (impositions) go to zero (0) [fail] and it is sucked back into SS₂CME₂ by the first Vacuum Generated at the center of the Universe of the First TRUE BIG BANG: NATURE'S Dark Hole?

Could NATURE recycle everything? Does SHE have that kind of POWER? How would anyone ever know? We are far beyond man's ability to observe into space and time. Are we surfing on the sea margins of GOD'S THOUGHTS and WILL? This question may require a whole other work, so let's return to earth and NATURE.

Now from an earth observation perspective, of the Milky Way Galactic detonation, (we are not racing away or being sucked in) it could appear that some things are moving towards us, while other things continue to move away from us. This leads me back to the consideration of the true speed of light and the measurability of absolute position and redshift.

Redshift is a method of measuring how light emitting objects (like stars) are moving relative to earth. The light spectrum (rainbow) changes depending on speed. It involves the speed of light. However it involves the motion of the earth also.

If observed from beyond the sphere of the COSMOS, the speed of light would be at its maximum, I.E. $C^{1.174}$. Anything escaping, positioned at the boundary of the sphere of the COSMOS, would emit light back to us at a varying rate of speed. Initially near the ultimate speed of light, $C^{1.174}$, and finally at earth observed relative speed of light C . If this is true then Einstein's equation from his special relativity theory that $E = mC^2$ ($E = m(C \times C)$), could be subject to modification for Cosmic application; let us say $E = m(C^1 \times C^{1.174})$ or $E = mC^{2.174}$ {remember we add the powers, those little numbers at the top} or it could possibly be $E = m(C_{tE})^2$, where the subscript tE on C is the momentary time where E is to be calculated and thus the velocity of light is constant at that moment and only that moment.

Velocity doesn't just appear as light does; isn't it a function of acceleration and time? Cars or other vehicles don't start at the speed limit. They need to accelerate (go faster and faster from zero or some speed) to reach the speed limit. And often times they speed past the speed limit and occasionally these speeders receive a ticket.

Could the acceleration of light be so fast that they never see what they are seeking when they try to measure it, even though the measurements are repeatable? Then $E = m(ad t)^2$, $ad t$ being a velocity at the end of a given elapsed time of acceleration. Like the speed of a dragster at the end of a quarter mile. And we reach beyond the known to unveil the origin of NATURE (HER recipe card) with another step.

I think we can agree that everything we observe in the Cosmic Stew Pod is from a position of relativity to the origin of the Cosmic Stew Pod for we are all moving at some velocity inside NATURE'S mixing bowl. Remember AI had first developed "Special Relativity" and then "General Relativity", maybe this is just an expansion on his work to "COSMIC Relativity"? So if everything is relative is there anything that is truly absolute? More questions for now that will be answered as we adventure through NATURE'S MEND.

Now we can play with a little math. If we develop a Cosmic Creation Function (CCF), (the mixing instructions for NATURE'S recipe card of ingredients) what would it look like?

Before doing this we must place ourselves outside the CSP and consider the four cosmic benchmarks of time and space: t , x , y , and z . Time measured from this vantage point is constantly moving in one direction and that is forward. And x , y , & z are measured from the center of SS_1CME_1 , the origin (the center of the Dark Hole [vacuum core] of the first TRUE BIG BANG), are absolute. Everything has a specific position in the COSMOS at any given time. Thus from Outer Space everything is constrained by these four impositions. Impositions have been used here to replace the limiting term dimensions.

It is easier for me to think about multiple impositions than it is multiple dimensions beyond three. For example: in Inner Space there can be electromagnetic, chemical, atomic, relativity, and for some bodies (animals) emotional impositions. This may seem trivial and not worth consideration.

However, in my experience one should never ignore the ants (*my play on words inspired by Dr. Lisa Randall's play on words, TY*) because wrong turns can be taken and process deterioration can result. I solved a real life mixed thermodynamics and fluids problem that was thought by many to be indefinable, by considering *broken symmetry*, though I didn't know to call it that, that's exactly what caused the problem. Remember the beer and cooler example from the Prologue?

Now back to some Cosmic math for NATURE'S MEND recipe card mixing instructions:

Combining the terms of our eight ingredients from above we can begin to build the Cosmic Creation Function (CCF): the mixing instructions of NATURE'S MEND recipe card.

$$CCF = f_{ccf}[(VR)(IR)(NR)(TR)(BW)(MD)(ER)(VG)]dx dy dz dt$$

(f_{ccf} just means all of NATURE'S ingredients have to work together)
(dx dy dz dt just means that NATURE'S mixing goes on in every direction over time affecting everything and is constantly changing). That math wasn't so bad was it?

We can transform this Cosmic Creation Function (CCF) by inserting the SS_1CME_1 components of each of these ingredients (the relative amounts - the SS_1CME_1 with its little number above), which results in:

$$CCF = f_{ccf}[((SS_1CME_1)^{0.071})((SS_1CME_1)^{0.033})((SS_1CME_1)^{0.027})((SS_1CME_1)^{0.143})$$

$$((SS_1CME_1)^{0.214})((SS_1CME_1)^{0.350})((SS_1CME_1)^{0.150})((SS_1CME_1)^{0.012})]dx dy dz dt$$

It is noted that the powers (the amounts of each ingredient) are really arbitrary (guessed at) and have been used as a substitute for unknowns (letters in math) to allow for the next reduction. However, once the powers-to-be (the actual amounts) have been established the reduction is the same.

Thus combining terms (adding the powers) we can further reduce the CCF, which results in:

$$CCF = f_{ccf}[(SS_1CME_1)^{1.000}]dx dy dz dt$$

This just means that everything is related to everything in the beginning and is conserved.

Now we can take a little look inside the CSP at the CCF before the first TRUE BIG BANG, before Cosmic expansion began, when it was a batter ball and before it banged. This is when Cosmic time is zero. For $t = 0$ all that exists is SS_1CME_1 (NATURE'S batter ball)

We then take dx, dy, dz and reduce them to x, y, and z. And they can be combined to form the radius of NATURE'S Super Sphere batter ball "r". Everything is contained in the Inner Space of SS_1CME_1 . NATURE has encapsulated everything in the beginning.

SS_1CME_1 becomes the Origin Particle (OP) (the cookie dough ball) encapsulated by the two impositions r & π (pi) (pronounced pie). π is a constant (though we don't know what the exact value is) used for calculating circumferences (the length around the outside of circles), areas, and volumes of round and spherical objects. π could be called an indeterminate constant, and it is. NATURE can be Matter aNd Energy in Motion and GOD can be the Indeterminate Constant [IC – or – I See].

Now we could turn around and expand this Cosmic Creation Function starting with the TRUE BIG BANG. However, that is beyond the scope of this article. To consider the first expansion is not

so bad, we did this in identifying the base ingredients of NATURE'S MEND recipe card. But to consider the second and third and fourth expansions and the interacting impositions of each component of this function and the added component of Reconstitution & Detonation (RD) on the previous and subsequent components is a dark 3-D space we may never find our way out of.

Though, we might find out that a black hole is just that, a hole in space where the net impositions are null and void (don't exist because of the Vacuum Core). The mass is not in the hole, but around the outside of the hole: the exact opposite of current theory supporting the truth of the dream. This hole-e-ness will come up again in a later Article. Thus anything headed for a NATURE'S MEND Dark Hole would be bent around the converging and diverging boundary of the null and void impositions that outline the hole. What you see going in never comes out along an observable pathway.

If we wanted to test the Cosmos Process Engineered, we just need to reverse engineer the Cosmic Stew Pod into a collapsing model that brings everything back to a single point of origin: this maybe an even more daunting task than expanding the Cosmos Creation Function. What SS_nCME_n cycle are we in? (The little "n" just lets NATURE have any number of cycles as SHE wants from $n = 1$ to 1000^{1000} to ∞).

However, we might discover there is no dark matter, dark energy, or black magic and everything observed has impositions from the BLEVE of the OP of Ancient of Days and the multiple levels of detonations thereafter from the ONE TRUE BIG BANG to the everyday popping of super novae today

NATURE'S MEND with the cycles of SS_nCME_n through the CCF is a lock step formulation of the COSMOS. It is the perfect circular recipe card, for whatever SHE starts with SHE has it again in the end. It is just beyond our ability to calculate and illustrate through eigenfunction mathematics and erudite linguistics.

It is like trying to understand GOD through the writings (bibles and books) of men. For all things written are of men and are influenced by men. That's why there have been so many revisions to the bible – man trying to make GOD what he wants HIM to be instead of letting HIM be what HE IS. Just like current theory trying to make NATURE what they want NATURE to be: Absurd as proclaimed by Mr. Feynman.

Though, it's clear that Pierre-Simon de Laplace had a vision of the Whole of the Knowledge of Understanding. Recall his quote in the front of this work?

“An intelligence that, at a given instant, could comprehend
all the forces by which NATURE is animated
and the respective situation of the beings that make it up,
if moreover it were vast enough to submit these data to analysis,
would encompass in the same formula the movements of the greatest bodies of the Universe and
those of the lightest atoms.
For such an intelligence nothing would be uncertain,
and the future, like the past, would be open to its eyes.”

Pierre-Simon de Laplace

Is time relative (speeds up and slows down) or absolute (fixed without change)? If we look from the outside of the CSP, through the EYES of GOD, the Universe's Outer Space Time begins with the TRUE BIG BANG and ends with the beginning of the collapse of the COSMOS. This means there is a time from the beginning of the collapse of the COSMOS to the next TRUE BIG BANG. I will call this the Prehistoric Cosmological Time frame. That means NATURE'S MEND contains a time period of existence before the start of the current Universe's stop watch time (Outer Space Time) (TRUE BIG BANG event).

No matter if the total time projection of this theory is in the ballpark at a 120 billion years (almost ten times that of the current projection) or not there exists a time in cosmology that can be considered darkness. This dark time, clocks from the collapse of the CSP of SS_1CME_1 to the detonation of the Origin Particle of SS_2CME_2 . When you link the life time of the Universe with the dark time of its death and rebirth, time becomes absolute when observed through GOD'S EYES. This will be expanded on in other Articles and finalized in the Epilogue.

Time is relative inside the CSP where we live and breathe and observe things moving around us. But from the outside looking in it is ABSOLUTE for NATURE.

Some might mathematically desire SS_0CME_0 to be the starting point. But then we're back to something with nothing. And if nothing existed what would exist? That jumps BULKS to GOD or some other singular energy and will be addressed with the post script of Article 8 and the Epilogue. All that the old book (bible), says is, "In the beginning when GOD began to create the heavens and the earth. The earth was without form and void, and darkness was upon the face of the deep; and the WIND of GOD was moving over the face of the waters."

We will find out if HE has any WIND left [CAN SPEAK] in the end of NATURE'S MEND.

So we start with our cookie dough (matter & energy), mix it (Mass Energy & Dynamics of the Origin Particle), bake it (change it internally) and then cook it (blow it up with a TRUE BIG BANG), and then let it cool (Cosmic Expansion).

And if we wait long enough will it come back again to form another dough ball? If so we have a very low state of entropy (disorder) in the beginning and a high state of disorder (everything spread out everywhere) just before the collapse. So NATURE'S MEND meets the challenge of low entropy in the beginning and high entropy in the end. Something they haven't grasped in current theory because in their theory it begins with everything spread out in the Higgs Mechanism of low entropy, so how can it have high entropy in the end if it's all spread out again?

A second way of testing NATURE'S MEND is by overlaying current observations in the COSMOS on top of the theory and seeing if they mesh together. There are documented observations of the Universe that indicate that the temperature, pressure, and radiation have almost identical values no matter where you look. This is called the "horizon problem". They call it a problem because they don't have a real good answer for it. A matter of fact they don't even have a real good guess in my opinion.

Here's "The Elegant Universe's definition of it: "**Horizon problem.** Cosmological puzzle associated with the fact that regions of the universe that are separated by vast distances nevertheless have nearly identical properties such as temperature."

With the detonation of the OP, and the expansion of the CCF and its mixing function in the CSP the temperature, pressure, and radiation distribution throughout the COSMOS rapidly takes

place in a uniform way. And over time slowly degrades to absolute zero in a uniform way. So relatively speaking we can't see a difference in what we see. Our field of view (what we can see) is just too narrow (too small), compared to the whole of the COSMOS. With this the *horizon problem* of cosmic property continuity over its expanse is explained. It will gain more definition as we move on through the whole of NATURE'S MEND.

But the whole from the OP core of detonation (a Dark Hole vacuum) to the CSP's Celestial Sphere surface could have slight variations and track the process life cycle of SS_nCME_n . As these values approach absolute zero the end is nearing. This will be further developed in other Articles as this Article and the other Articles flock together to capture the Whole (completeness) of the theory. [any guesses?].

In closing this article let us again return to our Beyond Outer Space Space observation point (GOD'S EYES).

I think we can summarize by saying that everything in the Cosmos is strung together along complicated pathways of time and three spatial vectors (x, y, z), influenced by multiple impositions (The TRUE BIG BANG & Little Bangs, and popping energies) of NATURE.

It is this complexity that makes it so very elegant and beautiful, a great multidimensional masterpiece!

It is born from *logical simplicity* and living in *heretical uncertainty*!

Wonder if it will ever come to rest as accepted reality in relativity?

Thank you for your precious time and consideration of the Cosmos Process Engineered. I hope you smiled and laughed out loud! Now we can go to work on testing this new recipe of NATURE.

Respectfully,

kevin I olson

PS: I enjoyed the book "Warped Passages" in creativity, content and as a reflecting pool for my thoughts (maybe a refracting (bending) pool is better)!

"Secrets of the cosmos will begin to unravel. I, for one, can't wait."

It is an exciting time we live in.

"A lot of people have desired to see what we are seeing and have not seen it."

I have to constantly remind myself that, patients is a virtue, and I am happy to have contributed in some small way to the Whole. My theme song you know is "Crazy".

The COSMOS Process Engineered the M – EnDing THREADS

THE UNCERTAINTY PRINCIPLE – 3 SPATIAL DIMENSIONS SPECIAL
SUPERSYMMETRY – HIERARCHY – ANARCHIC PRINCIPLE

[THREADS – string along (talk about) the LOGICAL SIMPLICITY of NATURE 17-JUL-2007]

The purpose of this Article is to look for some beef (as an old Burger King commercial cried, “Where’s the beef”¹⁸), to add to the first Article on the COSMOS Process Engineered, which was a wholistic view of the COSMOS to its Point of Origin – the gigantic massive Origin Particle full of Matter – Energy aNd Dynamics.

I learned from reading Ahmed Ali’s translation of the Qur’ān⁵⁷ that the English language has “stretchability”. I make attempts to use this aspect in my writing though I’m not sure of the affect, because I feel a necessity to explain the use. I chose ‘wholistic’ versus ‘holistic’ above to avoid the conveyance of anything holy or religious. Though, Holistic works for NATURE’S MEND in the sense of Fix & Repair.

This Article will involve Inner Space adventures into current theoretical endeavors (difficult struggles - principles) contrasted by NATURE’S MEND alternatives to see which of the two has more beef [substance].

After completing my second study of the book Warped Passages, I have come to understand one omnipotent truth (having very great influence)! There are three *Bulks (master categories)* - Bulks [Largest Part – Main Mass], which permeate the Universe: Substance ∷ Life ∷ LIFE. I used the upside down question mark “∷” to link them because no one is sure how we transition from one to the next. And no one is sure what the last one “LIFE” after death in Life really is.

Science and physics [Laws of Science – Pure Science] govern the first bulk – Bulk₁ of gas, liquid, heat, matter, and motion – NATURE’S MEND. Man (generic) should be able to figure this entire bulk out.

Existence, emotions and instinct govern the second bulk – Bulk₂ of plants, organisms, animals, and humans – Life on earth. We’re all unique and the likelihood is that man will never figure everything out about this bulk. NATURE changes things as we figure them out: diseases mutate [change] to fight against man’s drug therapy.

SPIRIT and TRANSLUCENT (see through not visible) POWER govern the third bulk – Bulk₃ of MOTHER NATURE and GOD. This bulk belongs to the individuals mind, heart, and soul of which the person with NATURE & GOD only KNOW!

All three seem to reside (live) (exist) within NATURE’S MEND and will be summed up in the end. The emphasis of this work will be focused on Bulk₁.

Current theoretical physics defines bulk as “*bulk Full higher-dimensional space [space with more than 3 physical dimensions].*” There will be no higher dimensional space in this work. I will, with *due diligence* (careful effort), focus only on the 3 physical dimensions of my Bulk₁. I will sprinkle the other two Bulks in on occasion for spice – flavor – tickling of the mind - imagination.

One could argue that Science [Laws of Science – Pure Science] also governs the Second Bulk, however there is a lack of precision and perfection that is missing with living things, and thus the Physical Science of Bulk₁ is different from the Life-Science of Bulk₂. Even though today we expect medical doctors and the medicine they practice to be perfect, they and it are not! The NATURE of living organisms just has too many variables and results in individual uniqueness and unpredictable responses to medical events such as broken bones, car crashes, diseases, chemicals, and near death experiences.

My father was one such oddity with his spinal cord surgery in the mid-1950s as he outlived a 100% Mortality Rate Study of his type of surgery by some 21 years. And I may be one such oddity as I have been told I was pulled into this life out of a dry womb. My mother had starting losing her water [Amniotic fluid] a week before I was born. It was completely gone when she suffered terrible pains 7 days later and went to the hospital for my delivery. As the story goes the doctor proclaimed “Dry Birth!” and they knocked her out and pulled me out. Maybe that is what has made me “CRAZY”. My parents tried to have more kids, but my mom couldn’t carry a child to term after me. I was saddened and felt responsible.

If we can better understand Bulk₁ and how it operates I believe we will be able to improve the Life Science and our performance in Bulk₂. Bulk₃ will always remain in the mind, heart, and soul of each individual. Religions and Science need to recognize that they don’t and can’t define and control and own this third bulk. GOD will have HIS DAY at Court!

One of the primary things that I learned as a process engineer is that you need to close the loop on any process. I think of this as meaning: everything that goes in, as matter and energy must come out in some form of matter and energy and be controlled in between. A simpler way of stating this is that there can be no unanswered questions if the process is to operate at its highest level. We can’t conclude our NATURE chocolate chip cookie recipe card without mixing, baking, cooling, and packaging instructions from Inner Space [Quantum] to Outer Space [Cosmological].

Currently there are a tremendous amount of unanswered questions in current theoretical physics and this new theory. The goal is to have this new theory first encapsulate these questions and then bulk (strengthen – beef up) the encapsulations on the side of NATURE. Often times this requires an engineer to work backwards to the solution.

For example selecting the input power for a pump is the last thing determined even though it is the first thing required to make the pump run. You’re exposed to pumps every day. They are used to lift the water to high elevations (water towers) so gravity can push the water to the faucets in your kitchen and the fire hydrants on the street. If you have a car or truck or have ridden in a taxi there is one on it driven by the engine moving water-antifreeze to keep the engine from overheating: most of the time in North Dakota it is to keep it from freezing. That’s how bad a car or truck engine is. It rejects 2.3 times more energy than it uses to make power for you to speed down the road or around town. If beer was gasoline and there were 11 beers to the gallon you would drink 3-2/3 cans and have to dump 7-1/3 on the ground. You won’t catch me drinking beer like this. It might improve my waist line, but what a waste.

My approach to the COSMOS Process Engineered is the same, look at everything from the outside, if it seems plausible, then take it apart and engineer the details, BEEF it up - bulk it up. Thus, I will attempt to address and challenge the current theoretical physics concepts/principles of UNCERTAINTY – DIMENSIONALITY – SUPERSYMMETRY – HIERARCHY & ANARCHIC in this first dissection (taking apart) of the Cosmos Process Engineered. All of these are rooted in the lack of understanding of Current Quantum Mechanics as Richard Feynman stated, “no one understands

Quantum Mechanics.” So if NATURE’S MEND gives us an understanding of Quantum Mechanics beyond theirs what then?

This Article has been, and is the most challenging and difficult part of this work. Current theory monster math and their long lingering linguistics has been a burden for me. I hope my effort to dissect these is not too much of a burden for you!

We will start by looking at the Uncertainty Principle and then Dimensionality. The Uncertainty Principle is rooted in the dark unknown of Inner Space Quantum Mechanics that no one understands.

Strange things take place in this Inner Space realm (kingdom) that none have been able to explain. H.J. Habba paraphrased, “They need to *postulate*, *axiom-ate*, and *theory-ate* [guess] on what is going on.” And some that do a real good job of guessing come up with guesses that are made into Principles (a TRUTH that is a foundation for other TRUTHS).

Claiming these as Principles maybe the Cain that dis-Abels their work. Remember Cain killed (dis-Abelled) his brother Abel in the ancient scroll of Genesis written by Moses. A Cain (spelled cane) is also used as a support. So these Principles support current theoretical physics. If NATURE’S MEND breaks their cane does current theoretical physics become crippled in the start of this new millennium?

If we are staring into the deep dark untouchable unknowns of Inner Space, it’s not a Principle [A Truth that is a foundation for other Truths: fundamental, primary]. It is a Speculation [the act or process of guessing] – like I’m doing in this work. This means that our best guesses have uncertainty (doubt – lack of basic understanding) associated with them.

What is the TRUTH of the Uncertainty Principle? It is a statement by the German Physicist Werner Heisenberg from the early 1900s on understanding the smallest parts and dynamics (motion) of these parts inside unseen Inner Space (Quantum Mechanics). Our quark (basketball) is only 12×10^{-15} (12 quadrillionths) of an inch (30.5 quadrillionths of a cm) in diameter in this realm. Remember the quark is still almost 10 times larger in diameter than our ping pong electron.

The Uncertainty Principle goes like this from “Warped Passages”, *“uncertainty principle The basic principle underlying quantum mechanics that restricts the accuracy with which pairs of quantities (such as position and speed) [location and miles per hour of a racecar on the track] can be simultaneously measured.”*

Here is a common space example. Time your car (particle) in a car race. The quantum mechanics quandary (a state of perplexity or uncertainty: dilemma) is you have to do this without watching the race. You are the master experimenter [atom smasher] so you control the starting and stopping of the race. You click the stopwatch to start the experimental race. You know your car started in first place. When you push the stopwatch again at the end of the experimental race you know the time elapsed. But you’re not sure or certain where in the race your car (the subatomic particle) is now. You know the distance of the race and thus you can calculate the speed of your car. But you can’t be certain about your car’s position – is it still in first place or could it be in last place. Did it finish the race? Maybe that’s why atom smasher experimenters make a billion tries before they think they have something useful that they think they can look at.

Here’s the current theoretical physics Catch-22 [A condition intended to deceive or cheat by its hidden complicated or perverted (absurd) nature especially in spite of efforts to override such a condition]. They are trying to override a hidden basic understanding of NATURE. Just because they

fail in their ability to measure things in the dark hidden Inner Space they can't see doesn't mean NATURE is uncertain in HER process operations in this dark hidden invisible Inner Space. It just means they're not sure: they're uncertain – they're missing some basic understanding. And it was Albert Einstein who said to the masterminds of Quantum Mechanics, "We must be lacking some basic understanding." So we will work with AI and NATURE'S MEND to see if we can increase our basic understanding.

The other thing that I've learned as a process engineer is that most engineers look at each piece of equipment in detail and only glance at the whole system. They select each piece based on individual optimum operating efficiency [each and everything has to act like a son of god and the physicist/engineer is god]. This does not translate to optimum operating efficiency of the whole system and the system is never what it could be. I have had to consult with clients on operating improvements of the whole of these systems. This resulted in a lower operating efficiency of one of the components, but a higher performance of the system. Can I do the same thing with current theoretical physics in NATURE'S MEND?

Focusing in on one item also seems to be what is going on with Current Theoretical Particle Physics (CTPP) and Multiple Physical Dimensions (MPD) beyond our Common Space 3 physical dimensions. They are focused in on Inner Space without considering the WHOLE. They want so badly to have it all come from nothing with gravity that they've lost something. And what they've lost is Common Sense & Logical Simplicity with the birth of Uncertain Quantum Mechanics.

A line from Brian Greene's "The Elegant Universe"^{3.a} says it all about current theoretical particle physics, "You must allow nature to dictate what is and what is not sensible. As Feynman once wrote, '[Quantum mechanics] describes nature as absurd from the point of view of common sense. And it fully agrees with experiment. So I hope you can accept nature as She is—absurd.' " They make these statements because they have constructed their theory to fit the results, versus letting the theory define the expected results. They haven't come up with a theory yet that can explain the results. Most of this is the outcome from the Thomas Young double slit experiment on light. Is NATURE absurd? Know that NATURE did not dictate these principles men did. What if SHE has a better explanation that agrees with experiment than what they've said about HER?

At the end of this work you will be able to answer these questions for yourself. For now I'm asking you, please take a moment, turn off everything about Current Theoretical Particle Physics & Multiple Physical Dimensions and glance at the Whole and the dissection of the COSMOS from the Process Engineering perspective, *"even when we don't know where they're heading, interesting new models often explore untouched, delightful terrain"*. I thanked Ms Randall for this line in her book! She goes on to say, *"I will therefore keep all options open, so as not to omit anything interesting."*

It's been years since the second letter was sent to Dr. Randall and years since the last letter was sent. Is this new model not interesting or is the terrain too rugged and risky? It's hard for people to admit they've been deceived: especially when it's by their own lack of basic understanding and certainty.

NATURE'S MEND is not a revision to the last 100 years of quantum physics with an absurd nature, but a coup d'état [ku day ta] (a sudden and decisive overthrow) of current theoretical physics with Logical Simplicity letting NATURE navigate the terrain in Heretical Uncertainty.

It has to be unsettling for those who have lived their lives governed by CTPP & MPD. They must be thinking like the believers of a flat earth centered Universe, when the sun centered revolution came into turn, "It just can't be true!" They must be absurdly certain about that.

As my opinion of “Warped Passages” and the other books I’ve read settles, even though I don’t necessarily agree with the contents, I must confess that I found them fascinating, intriguing, and inspiring with a little fancifulness added for flavor. I’m a picky person and I was trying not to let this picky nature impose on their efforts to deal with the subject matter. Lisa pegged me early on in her book (Footnote on the bottom of page 14)! When I studied her book I trekked Roget’s (a detailed thesaurus (a book of words with similar meanings)) for picky, and supplanted (replaced) it with detailed, critical, fastidious; noting that I think my thought process is extremely refined, but my etiquette needs honing. I just tell it like it is. Warped Passages has been and will be a great refracting pool for my thoughts of the COSMOS Process Engineered.

I gave her my best regards, for intellectual thought has no gender, it is all splendor! You see some men in science don’t believe women can compete with them. Dr. Randall points out this specious nature of some men on Page x, middle of the last paragraph of the Preface and Acknowledgements of her book.

I think Madame Curie would beg to differ with these men! She worked and researched in the physics field of radioactivity in the late 1800s and early 1900s, and won two Nobel Prizes, one in physics and one in chemistry. She shared the one in physics with her husband and another man.

Where would we be without radiation therapy? It was radium treatments that saved my dad’s life 56 plus years ago, so without it he would have died long ago and I wouldn’t have been born. Some are probably cussing the Madame as they read this. My dad passed away 11-Jun-12 the day after my brother and I visited him in the nursing home.

That last visit was very special as he was very special. You should have picked up by now that my faith is not religious faith. During the visit my dad was talking about his faith. In the middle of his comments he looked at me and asked, “Is that was ok?” I said yes, and he went on. I was touched by his respect for my choices that he would ask that of me. You see, he never said much along those lines or about his feelings. He just did what men did and that was love with the soul and work hard. I wrote a poem about him and this inner-being some 30 years ago. It’s in a book of poems that I wrote and compiled called Moods.

Let’s get back to work on CTPP and MPD.

Before we complete our look at the Uncertainty Principle we need to look at dimensionality. Dimensionality – NATURE looks like all SHE ever needs in Common Space is three physically: Length (x), Width (y), and Height (z). And these three can change over Time (t). And if they do change over time we say they are dynamic. So when you here about spacetime having four dimensions, it is these four [x, y, z, t].

I look at it as we live in Common Space with four-dimensional space-time: three of physical space and ONE of Absolute Time. Because from outside the Cosmic Stew Pod Time moves only in one direction from beginning to end and never speeds up or slows down as in current theory relativity. We will come back to this in a later Article. We exist as the Cosmic Creation Function is powered by $dx dy dz dt$ (how everything everywhere changes over time).

The darkness (unknown) arises as we probe deeper and deeper into the beginnings of Outer Space and deep into Inner Space, down to our particles and beyond, and how they came to be.

The ping pong ball (the electron) was discovered in the late 1800s. Our Basketballs (quarks) weren’t discovered until the late 1960s. This means we’ve only been working with current Inner

Space structure for four decades (forty years). Very young considering the Brief of Physics began some 3300 years ago. Because current theoretical physicists ran into a dead-end – dark road-block they recently invented strings in extra physical dimensional worlds to tie up NATURE: force HER to do what they want. We will see where their thread (string theory story) is going in a later Article.

Lisa also claimed in her book that, *“No physical theory we know of dictates that there should be only three dimensions of space.”* This allowed them to crawl into the Catch-22 of more physical dimensions to override NATURE.

Now there is; the COSMOS Process Engineered as presented in the first Article dictates that there are only three spatial positions. NATURE’S MEND works in Outer Space and by the end it will be operating in Inner Space with three basic physical dimensions.

As she discussed the vagueness of the definition of dimensions in her book, I have chosen to use impositions, which can encapsulate more.

Time therefore is the fourth imposition of our three imposed physical dimensions. Matter and Energy make these four Dynamic and they form the **M – EnDing THREAD** (string imposition) of the COSMOS Process Engineered, which allows it to have seven impositions (x, y, z, t, M, E, & D). If you break **M – EnD** down to each physical dimension there are nine (M-EnD which is 3 impositions on 3 dimensions x, y, & z so $3 \times 3 = 9$) plus the 4 original, makes 13, add gravity and you have 14. Chemical adds a 15th imposition. The two internal bonding impositions of strong and weak force make 17. If you consider the 11 internal to humans you have 28. If you add the two of LIFE you have 30. That makes 3 times 10; the three are linked inseparably, and want to be a friend!

Oops, I’m getting sidetracked into Life and LIFE. If you’re wondering about electromagnetism it has a special place in NATURE that will come to light in a later Article. Think of it as we live in a three-dimensional physical world plus time with many people, places, and things imposing on us.

Let’s work our way into a perspective of looking at dimensions before we deal with the content of the original letter to Lisa that questioned and countered her perspective of looking at dimensions presented in the beginning of her book “Warped Passages.” We will start at the whole and work our way inside. The whole in this case is our day to day reality [Common Space] of three dimensions. One can call this a volumetric perspective; the pitcher is half full or half empty.

A two-dimensional perspective can be called a page perspective; we are either on the front of the page or the back of the page. We don’t often think of the thickness of paper when we are reading something.

A one-dimensional perspective can be called a point perspective; there is no half full – half empty; front or back; or left or right there is just a point. There are really no dimensions that can be put on it, it is just a point. A point is that moment when you put pen to paper and the ink leaks out before you start to write, or when you have decided to go some where just before you start to journey. Or it is why most people argue, and that is “Just to make a point!”

There is a lot of linguistics that circle around “point” and more so when other words are attached to it.

If we are going to space travel as three dimensional beings into lower visible order dimensional space, what do we need to do to acquire the correct perspective of limited dimensionality – the correct point of view?

Before we space travel to inner dimensions lets stay and play in the day to day. Look at the space you live in. How would you describe it? Most would use areas [square feet or square meters] to size the space and then describe the rooms. This is a two dimensional discussion because the building industry has acquired some standards for the height (the third dimension) of a typical room to be 8 feet (2.44 meters). The height of the rooms is only mentioned when it is bigger than standard, in which case you are buying more wall material, air space, and energy use (you pay more to use more energy): doesn't sound very green.

I don't recall ever seeing a United States {Sorry I have not traveled the world} real estate add selling 7'-6" (seven foot six inch) (2.29 meters) for the room height as lower cost because of less material and improved energy efficiency. So we are accustomed to talking and understanding in two dimensions when we are living in three dimensions.

What does it actually mean to live in two dimensions of space? Living in two dimensions means that we reside in the thickness of the paper, or the plane of dimensionality (we have no height). You can look left and right, but not up and down. If a friend brought you a picture, you could not look at it. You could spin it, but you could not tilt it up to look at it because then it would extend out of the thickness of the paper into the third dimension.

Spinning it you might [not likely] learn that sometimes it looks longer. You might [not likely] deduce that it has two different lengths of a & b. You might know that one is the short side and the other is the diagonal (opposite corners of a TV). By the way that is how they sell TV's so the screen seems bigger than it really is. It's a marketing deception. So in 2-D land you can't be certain about the shape and you're said to be uncertain. In 3-D this shape could be a square or a rectangle. If by chance the picture he brought you was in the shape of a circle (disk) you would only see one length (one dimension), the diameter. Though you wouldn't know it was a circle (disk) because you can't see it from 3-D land, it would only look like a straight line.

It is like laying an object on top of a table, putting your eyes level with the table and trying to describe what the object looks like from above without standing up into the third dimension and looking down. You just can't see THREE-D in two D.

You can't even see 2 D for all you can see is one D, length; and sometimes it is shorter or longer and sometimes it doesn't change. So in two D all you can see is one D.

Now what happens when we shrink from 2D into one D? Can you already see? You can't see any D because your part of the picture (the 1D line) and all you can be is inside the line (no up or down; no left or right; and no front to back), which is really nothing at all: you're just a point! So in one D you really can't see which is zero-D [0-D].

But in 3 D if we look we can see 3 D, 2 D, 1 D, and we don't have to look or don't want to look and that's Zero D. I think this has something to do with the Fifth Amendment and court testimony: "I hear nothing - I see nothing - I know nothing!" I try to hear everything & see everything & feel everything: time will tell if I know anything! So in 3-D, we can see all of NATURE'S physical dimensions, of 3, or none of HER dimensions of 3.

This of course is my view of dimensionality from Logical Simplicity. And I'm not a Master or a Doctor of engineering, so I must just be BSing. So let's look into the current MS and PHD world of dimensionality for a moment.

The last book that I read and studied for this work was the book, “FLATLAND – A Romance of Many Dimensions” from 1884. How does one choose an obscure book like this? Because the authors (PhD gods) of the other books I read referenced this book as the foundational basis for building beyond three physical dimensions by first looking into space with fewer dimensions and then looking out beyond three dimensions.

I think they are up to eleven at this point and claim this can be equal to ten depending on how they apply their mathematic and linguistic strings (equations and stories). They have five independent theories, which they believe are linked by a sixth. It’s like having five different chip flavors mixed to make one chocolate tasting cookie. I think you lose the flavor or at least would be uncertain about the taste.

Flatland is a short little book (115 pages) and worth a read. The first chapter is only 2 and one half pages long and the author does a much better job at describing the change from three dimensions to two than I attempted above. And what you will learn from reading the book is that he adds other impositions to allow him to have a two dimensional view in Flatland instead of the 1-D reality that I described above. It is a fi-sci (a fictional look at the science) of living in a lower (3 less 1) dimensional world. However, when the authors of the other books that I read use his work as a foundational basis for their writing they for some reason leave this small detail out and lead (deceive) you to believe that it is reality.

Be careful what you believe when you read: test it or you might be uncertain or deceived about what is the reality of the “Really Real World”.

I guess that’s what this work is doing, testing what I’ve read about the work of current theoretical physics. And as I think about it, most people don’t like to be tested and most people don’t like doing this kind of testing. The best example is religions and all of their followers, “Don’t test me, just let me be deaf, dumb, and blind and tell me what to do: {Brainwash Me}!” Those that like to test them are called radicals – free thinkers. Doesn’t GOD have a rule about free thinking: “Free Will”?

What does GOD think about testing? “Let us test and examine our ways, and return to the LORD!” Lamentations 3.40 from the man of GOD, Jeremiah that the three big religions, judaism – christianity – islam, at war today claim to abide by. GOD said it was ok to test HIM and as I said, I would, I will test HIM with NATURE!

If you haven’t grasped it, here’s why three spatial dimensions are special: the point of visual reference and the number of dimensions actually viewed are equal. It can be hard to grasp so don’t think in 3-D, think restricted, dimensionally. In 3D I think we can see all 3 dimensions; in 2D I think we can see only 1 dimension; and in 1D I think we can’t see and that’s 0D.

Here is some simple math equations and linguistics of physical dimensions (PD) to visible dimensions (VD):

In NATURE’S 3D land – our Common Space:

[3 PD = 3 VD] – Three Physical Dimensions equal Three Visible Dimensions

In FLATLAND – 2D land – the imaginary Sheet Of Paper Space:

[2 PD ≠ 2 VD] – Two Physical Dimensions does not equal Two Visible Dimension

[2 PD > 1 VD] – Two Physical Dimensions is greater than One Visible Dimension

In POINTLAND – 1D land – the imaginary Existence Without Substance Space:

[1 PD ≠ 1 VD] – One Physical Dimension does not equal One Visible Dimension

[1 PD > 0 VD] – One Physical Dimension is greater than a Zero Visible Dimension

I asked Dr. Randall some questions in a letter to enhance insight beyond physical dimensions versus visible dimensions. She didn't respond. Dr. Randall used a story of a Red Queen living in her one dimensional land (zero viewable dimensions) as an attempt at Inner Space travel hoping to leap into multi-dimensional Inner Space travel. You can find all of the Red Queen text in Chapter 2 – around Page 32 of her book. The questions have been expanded in this Article for clarity.

How can a *Red Queen* living in *OneDland* have any idea what chess is? Chess is a multi-dimensional game with three-dimensional pieces. How could she even consider checkers for all that is visible to her is one point, which is really nothing? And checkers involves jumping making it multi-dimensional. She cannot turn and look beside or behind her for that would add an additional dimension to her space. She is blind! Thus in *OneDland* the viewable is Zero-D. The Red Queen is making insane vocalizations {warped passages – crazy sentences} psychologically speaking to deceive the viewable reality.

How can *A Square* see a disk (a paper thin section of a sphere [ball]) pass through his 2D plane of existence when he lives in *Flatland (TwoDland)*? Figure 6 page 19 of "Warped Passages". He would only see a line, for you need to be outside the two-D *Flatland* plane in the three-D to see the disk. He would only perceive a disk after he stacked all the lines including the first and last point lines up in his mind as a sphere passed through his plane of existence. So in *Flatland* the viewable is One-D. He wouldn't know to stack the lines up to form a disk because that is 2-D viewable. So he could never see a sphere let alone a disk.

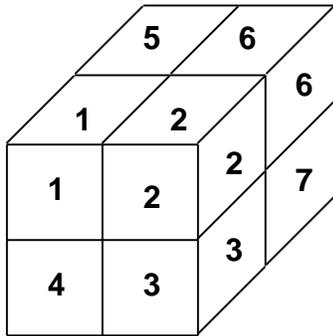
If you took him into the three-D to see, it would be one mind-blowing experience, and with his mind blown he would be absentminded. Isn't there another story about the "Absentminded Professor"⁵⁸? Maybe it's about the Absentminded Engineer! Sorry, I just couldn't resist the humor in all of this dimensional disarray (lack of order – confusion – uncertainty) in current theoretical physics BS-MS-PHDing on physical dimensions and what can and can't be seen. LOL!!!

Now for one last look into three spatial special dimensions: a puzzle of the "*Corpus Hypercubus*". A hypercube is what Dr. Randall calls a four physically dimensioned object. The "*Corpus Hypercubus*" is what she calls the cross in Salvador Dali's Crucifixion Painting: claiming the cross to be and opened up hypercube. See pages 26 & 27 of her book. It would be less expensive and faster to look the painting up on the Web. But, you're reading this book so I would suggest reading her book also.

I will call Salvador's cross an **8-cubist-cross-three-D...ist** [eight cubes in 3D]. See Figure 2.1. If you take a cube and divide it into eight equal cubes you can unfold it into the *Corpus Hypercubus* without a need for a fourth dimension. Number the cubes starting at the front upper left proceeding clockwise. Thus the front four cubes are numbered 1, 2, 3, 4 and the back four cubes are numbered 5, 6, 7, 8. Cubes 2, 3, 4, and 7 are fixed and won't move.

Step 1: rotate cubes 1, 5, and 8 as a unit 180° about the front vertical intersection between cubes 1 and 2.

**THE 8 CUBES
IN ONE CUBE**

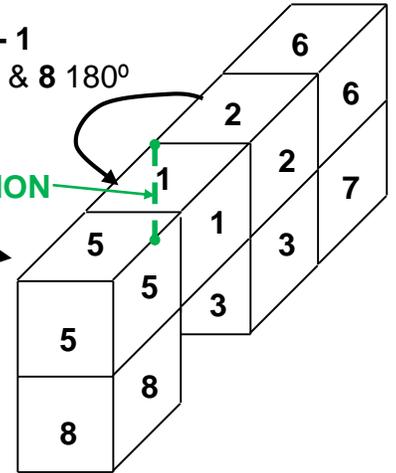


**CUBE 8 IS IN
THE BACK
LOWER
CORNER**

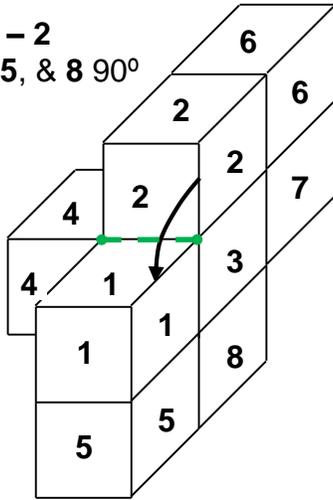
**STEP – 1
ROTATE 1, 5, & 8 180°**

LINE OF ROTATION

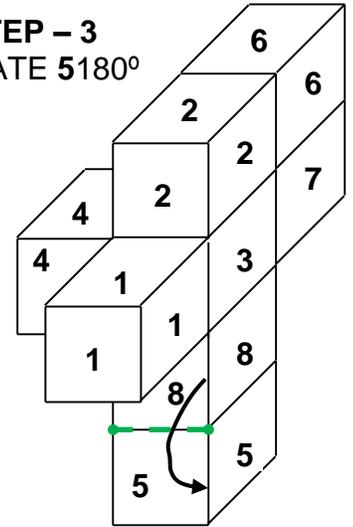
CUBE 4 IS
LEFT OF
CUBE 3



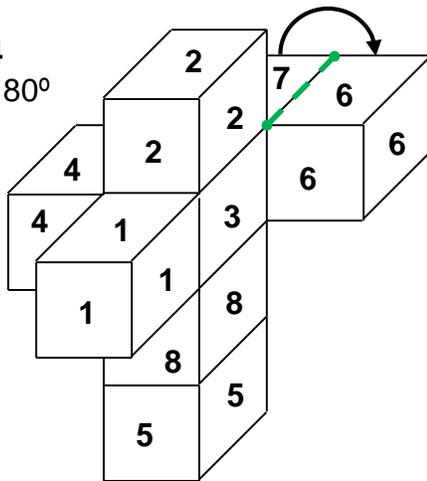
**STEP – 2
ROTATE 1, 5, & 8 90°**



**STEP – 3
ROTATE 5 180°**

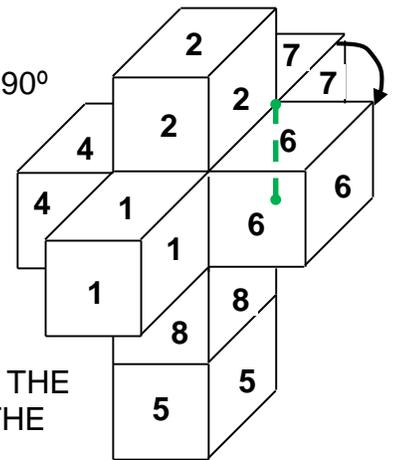


**STEP – 4
ROTATE 6 180°**



**STEP 5
ROTATE 6 90°**

**CUBE 3 IS IN THE
CORE OF THE
CROSS**



8-CUBIST-CROSS-THREE-D...IST

Figure 2.1

Step 2: rotate cubes 1, 5, and 8 as a unit 90° about the front horizontal intersection of cubes 2 and 3.

Step 3: rotate cube 5 180° about the bottom horizontal intersection between cubes 5 and 8.

Step 4: rotate cube 6 180° about the right side horizontal intersection between cubes 6 and 7.

Step 5: rotate cube 6 90° about the right side vertical intersection between cubes 3 and 7.

One might argue about interference (cubes running into other cubes in the rotating steps above) and there is in this expedited version. However, each cube could be rotated individually without interference. Each cube could also be separated from each of the other cubes by gravity leaving a gap between cubes. It would still open up the same way on the lines of rotations spaced equally between the cubes. For illustrative purposes I chose group rotations.

Thus in Dr. Randall's Four-D land of hypercubes NATURE only needs 3-D [Three Physical Dimensions]. Dr. Randall even alludes (hints) to everything appearing three dimensional, plus time [x, y, z, t], in NATURE near the end of her book.

If NATURE gives them a three-D physical look over time, why do they seek a fourth, fifth, sixth, seventh, or even an eleventh physical cranny or nook: a hidden chink (weak spot) – an uncertain link? They are trying to override some missing basic understanding of NATURE.

We live in a “3 Special Spatial Plus Time 4D Chinkless Universe”! I like 4D it kind of rhymes with 40 and I to am over that hill. Now can you see over the hill and through the trees of many Ds and understand *why three spatial dimensions are special*, please? The physical dimensions match the viewable dimensions. *Many ideas, whether believed-in or mistrusted, have turned out to be true.*

This new theory of NATURE full of Heretical Uncertainty with Logical Simplicity could become NATURE'S TRUTH of spinning physics and the physically viewable! This may hold true even when we can't see that deep into Inner Space or that far out in Outer Space. It could become the basic understanding for quantum physics and creation of the Cosmos that current theoretical physics is missing!

Now that we've cleared up the uncertainty of 3-Dimensions we can conclude the work on the “Uncertainty Principle”! If the uncertainty principle is true as she stated, *the uncertainty principle says that certain pairs of quantities can never be measured accurately at the same time*, how can there be current theoretical physics certainty switching back and forth between matter and energy in Inner Space? Current Theoretical Physicists do this on a regular basis with the equation $E = mc^2$ to figure out (define) things in Inner Space.

Does this not in and of itself raise questions about the certainty of General and Special Relativity, $E = mc^2$, and quantum mechanics? If you can't measure both of them how can you depend on them in a current theoretical exchange? You can't and that means their mathematics, linguistics, and Principles are all uncertain and reside in the realm of speculation.

Current Theoretical Physicists are like followers of religion today, “Use the doctrine - principles (written words of other men) when it's a benefit and abuse it when it's not”! The missing beef of their own Uncertainty Principle has left everything they've done in Inner Space full of uncertainty. Oh, the poor little god particle might not have a father god and thus he just might be another iodine element profit of baal.

As uncertainty was raised about AI's theoretical completeness in the first Article of the COSMOS Process Engineered this should principally establish the uncertainty of absolute relativity and the uncertainty of current theoretical physics itself and its principles: even the Uncertainty Principle. Maybe boiling rice is a Natural Common Space example of the uncertainty of $E = mC^2$; the more rice you want to make, the ratio of water to rice goes down and thus the ratio of energy to mass goes down. If it doesn't work in NATURE day to day does it work perfectly anywhere in any way?

How are energy and mass related? This question is current theoretical physics' *"hierarchy problem The question of the weakness of gravity or, equivalently, of why the Planck scale mass that characterizes gravity's strength is sixteen orders of magnitude greater than the weak scale mass associated with the weak force."*

Maybe $E = mC^2$ is a specific event formulation and not transferable, like a ratio of cookie mass energy to total process (maximum) energy. The cookie mass energy varies based on the time when you look at the cookie mass. Is it in individual ingredients; the mixing bowl, the oven; or the cookie jar: maybe the cookies are in the freezer. That's why they're not done until they are completely baked and cooled.

However the total energy and mass of everything from the temperature of the ingredients, oven, and room back to the cookies cooled to the same temperature is fixed. Therefore $E(\text{cookies}) = \text{mass}(\text{cookies}) \times \text{speed of molecules in the cookies at the time of evaluation (mixing; baking; cooling; cooled)}$. So maybe we should look at it as a ratio $(E = mC^2)_{\text{EVENT}} / (E = mC^2)_{\text{TOTAL}}$ and sum each event [mixing – baking – cooling] for the total energy to make chocolate chip cookies? This ratio will come into play later when we look at an atomic explosion and calculate NATURE'S MEND theoretical energy release.

Maybe certain forces and energies have event boundaries (solid to liquid to gas) (ice to water to steam) and we need to understand these boundaries to fully understand [be certain about] what is going on? This then raises uncertainty about *"renormalization and perturbation"* (Current theory leap forging with guesses from one condition to the next) across these event boundaries. These boundaries could be Natural to any substance and even particles, such as phase change boundaries from solid to liquid to gas. Everything is a solid at an absolute temperature of 0°K [Kelvin] (-459.67°F) (-273.15°C).

As we add energy, things begin to change, they begin to flow (run all over the table and floor like spilled milk), they can become a gas, and ultimately they can be annihilated. At annihilation all matter would be converted to some form of energy, to entropy, the point of no return. This is a guess of mine at this point. Thus movement along this energy curve is not bi-directional. You just can't go back and forth between E & m ! Something has to be added to account for this irreversibility: that is entropy. Simply said it takes more energy to make a bond than break a bond at the particle level in Inner Space. Maybe that's why they can only achieve 1/1000 of the energy out of a nuclear explosion based on $E = mC^2$. NATURE just likes to be at her lowest energy state. SHE gives up energy from the TRUE BIG BANG in expansion as the Universe drifts (moves) apart relatively speaking [Very quickly in the beginning – Very slowly in the end].

Therefore, the **M – EnDing THREAD** of the Cosmos Process Engineered involves fluid dynamics and thermodynamics.

Fluid dynamics deals with energy related to matter within a phase (solid, liquid, or gas). Fluid dynamics would deal with how fast does molasses (thick sticky ingredient used in backing) flow at

room temperature and how much energy does it take to pump a truckload full in 20 minutes. The fluid flow property is called viscosity: the thicker the liquid the higher the viscosity.

Thermodynamics deals with energy alteration of fluid properties within a phase (solid, liquid, or gas). Heat the molasses and it will flow easier because the energy (heat) added makes it runny: reduced (changed) it's viscosity. Thermodynamics also deals with properties and energy across the boundaries of phase change (ice to water to steam). Heat the molasses enough and it can run like milk or it can become a solid by releasing gases. Heat it too much and all you will be left with is ashes.

If this is true, and it is in Common Space, then with the sped up (accelerated) motion due to imposed energy on particles in a current collider (atom smasher), the particles could be experiencing an event boundary. If so how can current atom smasher annalists be certain as to what they are seeing captured on detector films and what they are trying to reconstruct from their analysis after the collision? They can't, and that makes all of their work and their theory uncertain. And that means AL was right in that "They are missing some basic understanding." By missing something, leaving it out, or lacking the basic understanding they can't be certain about their theory. The certainty of their son of god is in uncertain critical condition!

Let's continue to work on some more concepts and principles of this Uncertain Current Inner Space world. The next will be symmetry; then we will finish the hierarchy problem; and then conclude with the Anarchic Principle.

The last one sounds a lot like anarchy (an absence of a system of government and law) (disorder and confusion) (without NATURE and GOD). I don't think I could describe the state of current theoretical physics or monotheistic (one god) religions any better! Current Theoretical Physicists don't understand Outer Space black holes, dark matter, or dark energy; and they are completely lost in the maze of 10 or 11 physical dimensions in Inner Space. By the way it linguistically evolved to the Anarchic Principle in the mind of Dr. Jonathan Flynn, from the Totalitarian Principle of Dr. Murray Gell-Mann, which evolved from the Sum/Over/Paths Principle of the god Dr. Richard Feynman [recall he has been proclaimed the son of god Albert Einstein]. He's not really a son of Al, but the one that took the throne after Al. Mr. Feynman passed in 1988. Has anyone taken the throne, or is there a mad scramble of sages for the seat?

Let's move on with NATURE'S MEND symmetry and some definitions. We will start in Common Space work our way out to Outer Space and then dive into Inner Space.

Common Space Symmetry: Cut a car in half from front to back and observe it from the outside and the halves are identical for the most part. Antennas or single exhausts can alter this slightly. But for most cars it can be said the left and right halves are symmetrical (the same – a mirror image) from the outside. If you slice it in half front to back or top to bottom symmetry is lost. If you look at the car halves from inside out the symmetry is lost. So symmetry is something special. The bigger the car or truck "Hummer" the bigger or super the symmetry. Also the more special the symmetry is, it can also be considered Supersymmetry.

Cosmic (Outer Space) Supersymmetry of the Cosmic Stew Pod (CSP): occurs from the outside looking in. Just like the car, however it occurs from side to side, front to back, top to bottom. It occurs in all three dimensions. As Al said, "The most incomprehensible thing about the Universe is that it is comprehensible.": NATURE can be understood if we can find HER basic process operating principles. Viewed from the outside, the BOSS [Beyond Outer Space Space] looking in at the Cosmos everything is absolute (comprehensible) and thus nothing is relative and there is CSP-

SUPERSYMMETRY. It can expand and contract, but only as a whole, everything (Matter – Energy – Dynamics) is balanced across its entire volume. Remember the CSP is the Whole containment of everything we see and can't see in the COSMOS: NATURE'S REALM. Local (Internal) Symmetry is relative and breaks, but in time it settles and balances, as NATURE would have it. This was discussed in the previous Article. From a wholistic point of view, the COSMOS, from the BOSS is symmetrical in all three dimensions, it has balance, it has Supersymmetry. And I bet it is the unseen matter and energy, currently dubbed "dark" that maintains this Supersymmetry of everything we see and can't see even though the Universe is expanding.

Current Theory Quantum Mechanics (Inner Space) *Supersymmetry*: A symmetry that interchanges partnered bosons and fermions. An example of a boson is a photon (energy) with its partnered fermion the electron (particle). This relationship will be addressed further in a later Article. For now it will be considered when particles, quarks (our basketballs) and electrons (our ping pong balls) unite. One thing to remember here is this current theoretical *Supersymmetry has never been found in NATURE* its only part of current theory mathematics and linguistics guessing. But it will be found in NATURE'S MEND before the end of this work.

With these definitions and the uncertainty of quantum mechanics and relativity let's consider expanding the **M – EnDing THREAD**. Starting with Supersymmetry we will move from the wholistic perspective beginning outside and engineering are way down to the quark (our basketball) of matter. I think that supersymmetry from the Outer Space perspective on the CSP has been established and will be discussed only briefly because at this outermost viewpoint gravity might have implications.

Gravity can be considered a force of balance or a force of cosmic symmetry. Without it the Cosmic Stew Pod would be in turbulent motion. Thus gravity is not a warping of spacetime (current theory idea), but an imposition of multiple objects on each other resulting in a stable CSP, though we know Outer Space and our solar system is expanding. So gravity isn't strong enough to keep it together. Maybe gravity isn't the force they think it to be. It's just more of their uncertainty.

Inside the CSP, on occasion there maybe local upsets, total chaos, from a particle level to a *super-duper nova* (big exploding star), but the Whole keeps it under control. If we drop down to a galactic perspective is there not symmetry about the center of every galaxy? This is a core of balance, where there are no impositions; a true Dark Hole in space. Dark Hole has been used here versus black hole to differentiate between NATURE'S MEND and the current theoretical physics definitions. These will be discussed and defined in more detail in a later Article.

Is there anything more symmetrical than a flying saucer: that flat disk with a bulge in the middle? Maybe only a sphere! Look up *solar system* in the 1988 edition of the World Book Encyclopedia and you will see that our galaxy, the Milky Way, is the typical flying saucer, it's called a spiral galaxy. There are also elliptical galaxies, which are the bulge without the disc. The formation of these shapes will be discussed in a later Article.

Now if we step down further to a solar system level, first the sun and planets and then the earth and moon there is gravitational symmetry. This is different than physical symmetry, but it is symmetrical for it balances dynamic motion into an elliptical trace in space. It is the same with the moon and earth; however the elliptical trace is much more subdued (hard to tell the difference from an ellipse and a circle). And if you look up the shape of these ellipses you will learn they are much closer to circles in some cases.

Now we're down to earth, and even though there are surface discontinuities and diameter deviations, is there anything more symmetrical than a sphere (a perfectly round basketball or ping

pong ball)? Let's take a look at surface deviations on earth. Mt Everest is 5.5 miles (8.85 Km) high and the earth is a nominal 7900 miles (12,713 Km) in diameter. Thus the surface deviation of this tallest mountain is a ratio of 5.5 miles ÷ 7900 miles, which equals 0.0006962: or a ratio of a particle of dust to a basketball. If you consider the highest at 5.5 miles (8.85 Km) and the deepest [Mariana Trench near Guam] at 6.85 miles (11.02 Km) below the ocean surface that's 12.4 miles (20 Km) of deviation. Thus the total surface deviation of earth is 12.4 miles ÷ 7900 miles which equals 0.001569: still a particle of dust on a basketball. And if you consider the diameter deviations of earth of 26.5 miles (42.65 Km) you have 26.5 miles ÷ 7900 miles which equals 0.003354: still a dust particle on a basketball. Conclusion - Earth has a relatively smooth surface and is very close to a perfect sphere. Tough for us to grasp when we look at the mountains with Mt Everest some 5,200 times taller than the average person.

What is it that makes up a planetary sphere? Is it not a conglomerate of substances, a mass of things? If for a moment we move out from earth doesn't each and every mass have some imposition on each and every other mass? For example, doesn't the moon have an affect on the earth, observed in ocean tides? So what is it that brought these substances together? Maybe they have been together from the beginning or have been reconstituted due to cosmic dynamics and are kept apart by NATURE'S Matter Energy aNd Dynamics?

If we look back at the first Article and consider the First TRUE BIG BANG and the subsequent Little Big Bangs, our solar system may just be a collection of chunks from the Milky Way Galactic chunk and it's Little Big Bang. What ever it is I think we can agree there is Cosmic Supersymmetry in what we see in Outer Space. And most likely beyond in all of Outer Space that we can't see! Maybe the whole COSMOS is a gigantic spiral galaxy and not a sphere? This is just an upgraded guess from Article 1 where the Cosmic Stew Pod was a sphere.

Now we can begin to move from Outer Space through Common Space to Inner Space as we begin to journey into the substances and their phases within the earth itself. You just have to look outside in Common Space and see that you are on solid ground that is as long as you're not on a boat. Thus the solid phase of substances is Natural.

However, what is this molten stuff that pops out of a planetary pimple every once in a while? Lava, so a liquid phase is also present in NATURE. And with this facial rupture of earth are there not gases that escape as well? Thus, gases are also natural.

To slip into life, Bulk₂, for a moment, we couldn't survive without earth's gas; its atmosphere (atoms of nitrogen, oxygen, et al.) and one of its liquids; water (H₂O – 2 hydrogen atoms and one oxygen atom).

What is it that makes up these substances? They are made up of quarks (our basketballs) and electrons (our ping pong balls). This is a trivial question in this day and age, but I think one would find symmetrical structure. For these point particles of the atomic structure are not quite points like points discussed earlier in 1D land, but very, very, tiny, tiny spheres as mentioned with the diameter of the quark being 12/1,000,000,000,000,000 [12 quadrillionths] [12 x 10⁻¹⁵] of an inch [30.5 quadrillionths of a cm]. And we already know spheres are symmetrical.

If we look small enough there is symmetry in forces. The strong force is always at the core, the weak force in the atmosphere of an atom, and bonding forces of elements and compounds diminish as you move out. Maybe the **M – EnDing Force Magnitude Map** will better illustrate this in a dynamic fashion as we move from gases to liquids to particles (Inner Space objects) to compounds (Common Space objects) to conglomerates (Outer Space objects). See Figure 2.2 M – EnDing Force

Magnitude Map. The GeV is for gigaelectronvolt which is equal to a billion electron volts. One electron volt is a unit measure of energy in current particle physics atom smashers. As you can also see on Figure 2.2 the world's largest atom smasher, the LHC, is theoretically below the energy to liquefy electrons and quarks. However the true shape of this energy curve is unknown so the LHC energy could be much closer that it looks. Their god particle might not be a solid particle.

The interesting observation is that at the conglomerate threshold the force magnitude (Imposed Energy) is relatively negligible (doesn't take much to overcome gravity). And in Common Space the force of gravity is very, very, weak compared to the strong and weak forces of Inner Space.

Current Theoretical Physicists claim that as conglomerate mass goes up the force of gravity goes up so we need to evaluate what happens at and beyond this boundary of compounds and conglomerates. We know that at some point beyond this boundary some conglomerates take on a dynamic state of symmetrical motion. For example the earth rotates about its axis where comets do not. The question becomes; what was the cause or origin of the conglomerate dynamics? This may also relate to the transformational mechanism related to cold core – hot core in Article 1. This is outside of Supersymmetry and will not be addressed in this Article.

To summarize, starting at a point particle, a quark, and moving out spherically, it can be said that force magnitude displays supersymmetry and weakens over distance.

Why only three quarks in an atom of the hydrogen nucleus, the simplest of all elements and #1 on the periodic table [a chart in chemistry that lists all the known elements some of which are manmade], and why 6 total in NATURES form of hydrogen? This is because three physically and dimensionally allow for close packing, and close packing defines symmetry in three-D.

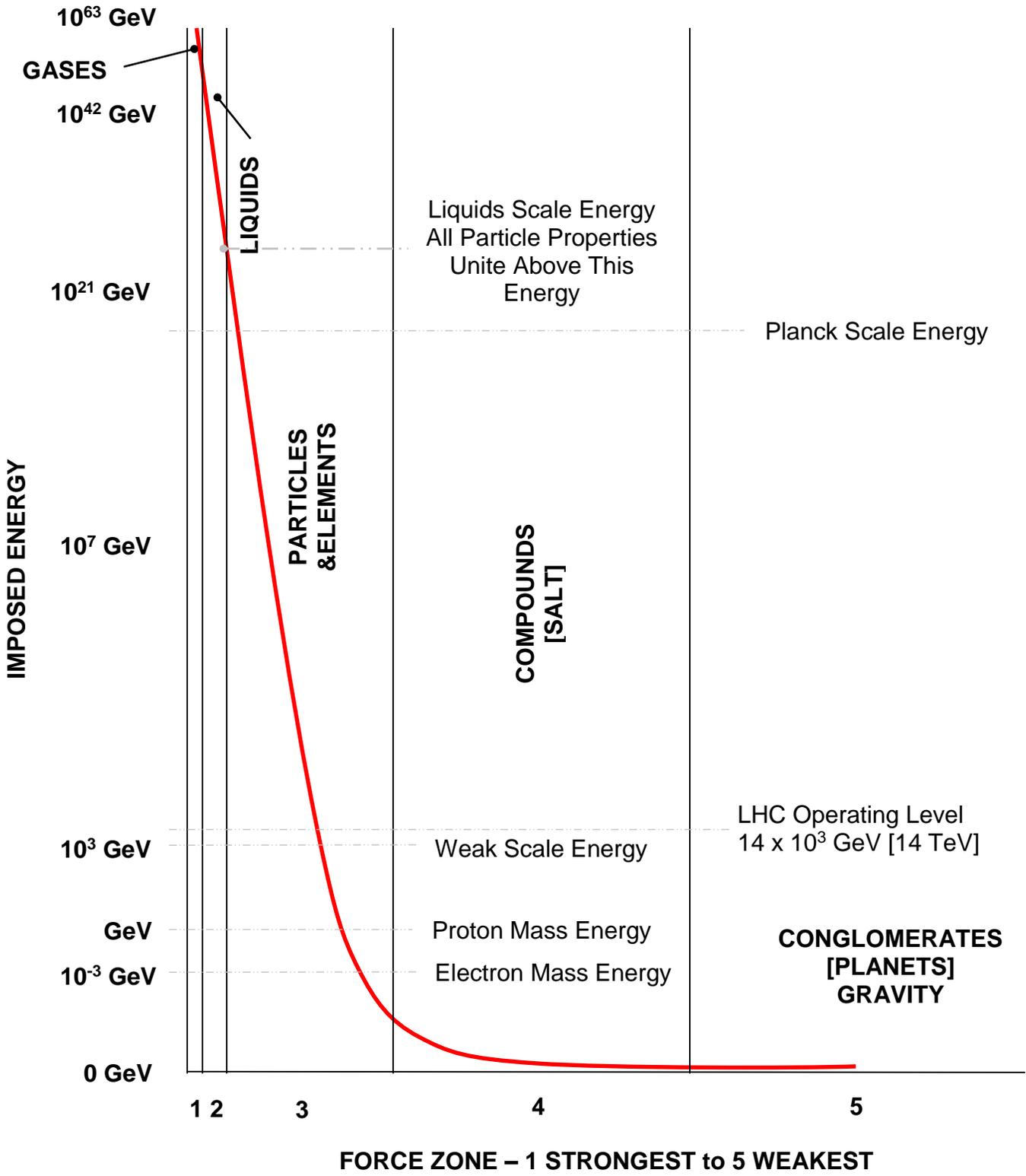
In NATURE hydrogen (H_1) doesn't like to be alone so it links with another H_1 to form H_2 or what is called diatomic hydrogen. With six there is symmetrical stability (if you rolled a basketball model of H_2 around on a table it would always roll and not lay flat. An H_1 model with three basketball spheres would want to flop and lay flat on the table top). This will be expanded on in another Article. NATURE wins again in symmetry and stability with Logical Simplicity.

Though the core of three is empty, a dark hole. Just lay three basketballs on the floor and roll them next to each other. If you do, I bet a ping pong ball or golf ball will drop through the center of the three nested basketballs

Now we can change Force Zone to Viscosity Zone (how things flow) on the **M – EnDing** Force Magnitude Map and we have a **M – EnDing** Viscosity Magnitude Map. See Figure 2.3. The earth is thick at room temperature. Even the lava (liquid rock) that flows out of it is thick. Milk is thin and runs at room temperature.

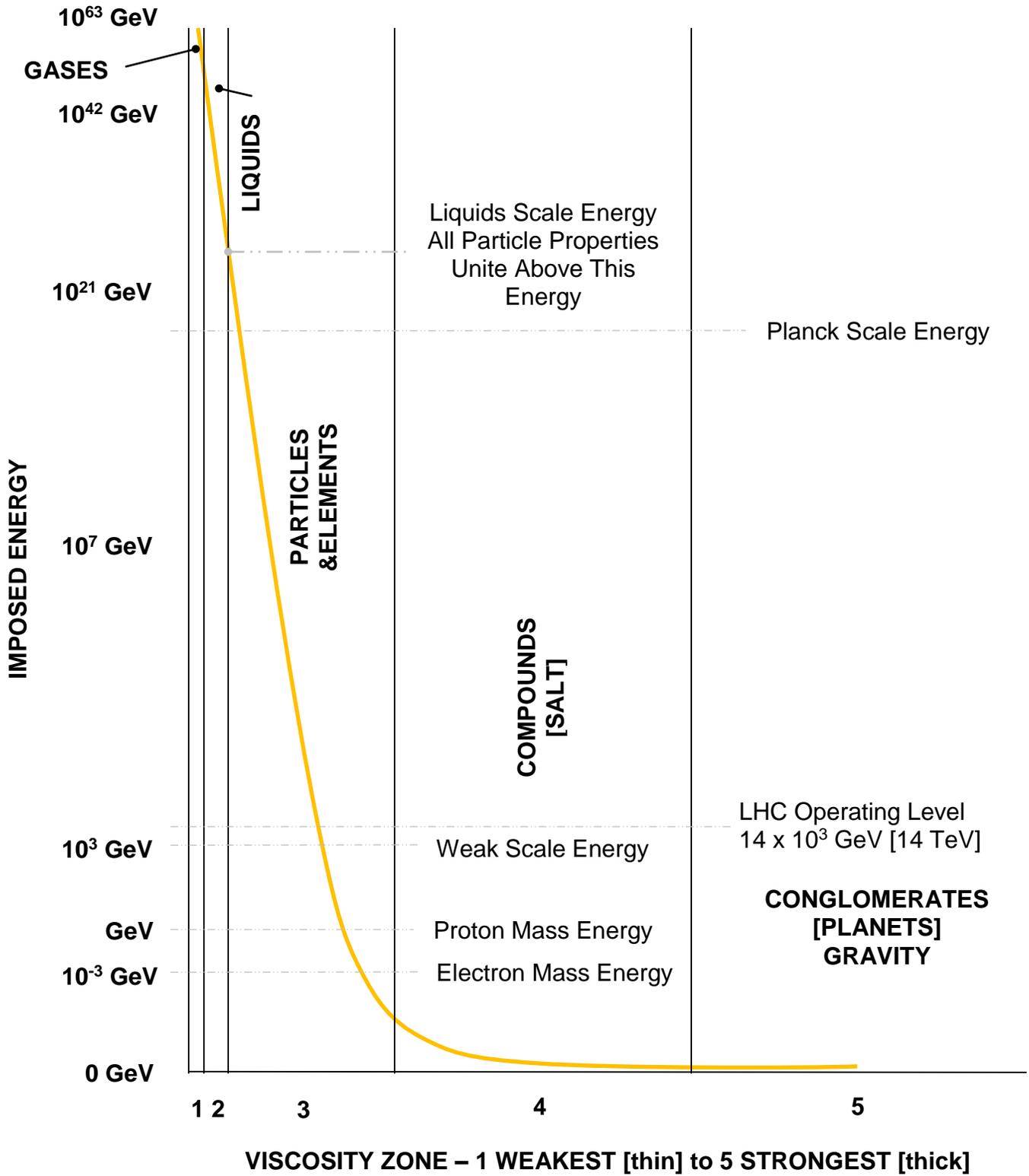
As we impose more energy things heat up past lava and the viscosity decreases. Thus all particles can become fluidic [energetic] (flow – move very easily). With more imposed energy they can cross the liquids boundary line from the particle side.

If enough energy is added particles can cross the gas line from the liquids line side and annihilate becoming absolute entropy (an invisible gas). This is a boundary condition beyond the discussion of this Article and will be addressed in detail in a later Article.



**M – EnDing Force
Magnitude Map**

Figure 2.2



**M – EnDing Viscosity
Magnitude Map**

Figure 2.3

If you want as close to NATURE Common Space one on ONE experience with this activity, visit Yellowstone National Park in the state of Wyoming in the United States. It is a wild and crazy place of NATURE at work. The park sits on a great volcanic caldera (giant pool) of lava which acts as the energy source and drives all kinds of gas making and bubbling pools of particles and liquids. Have just a glimpse of this in Figure 2.4. It is a photograph of my son standing next to Black Pool in the West Thumb Geyser Basin on 10-Aug-2011 around noon. The water temperature rose in 1991 killing dark green and brown thermophiles (heat-loving microorganisms) changing the color from black to what you see in the photograph. It also erupted several times in 1991.

From an Inner Space particle stand point (inside atoms) as energy is added and particles approach the liquids boundary all bonding forces unite and become one in a bubbling ooze and Inner Space [Supersymmetry](#) occurs at this Inner Space liquid level. This is the GUT (Grand Unification Theory) in NATURE'S MEND gut (stomach) that current theoretical physicists have been looking for but can't find. Albert spent the greater part of his later years looking for the GUT including gravity. He could not find it.

There are a few liquid elements that occur in NATURE'S Common Space that will be touched on in a later Article. It is just an opportunity to Beef NATURE'S ways, means, and methods up.

This Inner Space Supersymmetry is slightly different than the current theory definition for Inner Space, but at this imposed energy level you can't tell the difference between a photon and an electron. This allows the interchangeability of the two and meets the current theory intent, though they have never found it in their current theory work with atom smashers.

As NATURE details Inner Space in a later Article SHE will lock onto their exact definition. Thus [Supersymmetry](#) and Cosmic Supersymmetry are part of NATURE and HER Matter Energy aNd Dynamics. NATURE'S light is starting to show.

What is at the core of the earth? Currently they think a solid chunk of iron and nickel at around 9000° F (5000° C) which is near the surface temperature of our sun @ 10,000 F (5,500 C). Maybe it's a liquid and a dark hole? Because when you spin a liquid it moves away from the center of the spin where the three dimensions of x, y, and z originate. Thus a dark hole in this theory cannot be the same as a black hole in current theory or the earth would have imploded into itself. We have discussed that the liquid inside earth that is called lava. In current theory they go from a solid surface to a liquid layer and then back to a solid core. This just doesn't seem natural

Black holes seem to be very simple but are not truly understood in current theory. But NATURE'S dark holes will come to life in this work.

A final note on NATURE'S Supersymmetry: A dark hole of impositions is the core of symmetry in NATURE from particles to atoms to elements to substances to conglomerates (planets and galaxies) to the COSMOS itself.

Could Cosmic Supersymmetry stretch to a point of failure of forces, like a rubber band snapping when stretched too far and the WHOLE collapse back into the Dark Hole at the core of the COSMOS (The origin point of the Universe) as SS_1CME_1 truly becomes SS_2CME_2 ? This is an opportunity for later bulking in another Article and will not remain a mystery and allows Outer Space to work into Inner Space and vice versa.

With NATURE'S **M – EnDing S-Supersymmetry** (Outer & Inner Space) established along with the **M – EnDing Force** and Viscosity Magnitude Maps the hierarchy problem can be finalized. The



hierarchy problem *“The question of the weakness of gravity or, equivalently, of why the Planck scale mass that characterizes gravity’s strength is sixteen orders of magnitude greater than the weak scale mass associated with the weak force.”* The weak force links electrons to quarks in atoms. The hierarchy problem stated another way: *“Why is gravity so weak.”*

Think of it this way, you can see the earth and yet most have the strength to resist gravity and climb into a car. Earth’s gravity force you can overcome. Now try and pull the atoms apart in the metal door of the car you just climbed into. The atoms are very small, but their bonding strength is far greater than your strength and again that much stronger than gravity.

Another way that Dr. Randall stated this related to particles (our basketballs and ping pong ball) obtaining mass was, *“The mass seems to come out of thin air”*. Let’s not think thin air, but a very thin fluid, just below the threshold of vapor. Because the Force and Viscosity Magnitude Maps are similar in curvature and energy impositions as we trek down (move from left to right) on one, we are simultaneously trekking down the other. As a fluid solidifies the strongest bonding particles form first, and so on and so forth. Quarks are first and they bond by what is called the strong force. And then they attach an electron by a weaker force. NATURE has made H₁ (Hydrogen).

Thus the answer to the hierarchy problem: particle masses are independent of each other from a physical constraint and are linked to energy and phase change and thus naturally drop out of thin fluid. This will be detailed further in a later Article. Because gravity is not a particle phase change or a bonding force, but a conglomerate force, it takes a much greater mass in motion to accomplish any little affect and never comes close to the weak effect (force) of atomic structure let alone the strong force of bound quarks.

We know we can melt plastic with a fire, but how fast would a racecar have to go to melt the plastic on it? Maybe this would be as fast as the speed of light (C) if it were racing in Outer Space? It takes a lot of speed to make a little heat from friction. Try waving your hand in the air and see if you can warm it up. There are a lot less particles in Outer Space to wave against so you would have to wave that much faster.

A take on Lisa’s example of a bureaucracy might help here with hierarchy? How much does it cost (staff hours and material) for a sole proprietor (individual particle) to design and purchase letterhead versus a Cosmic Bureaucracy (beyond a New World Order democracy) a New Universal Order, a single COSMIC government? Clearly staff hours are magnitudes more than material in both cases. No matter, I wouldn’t be at all surprised if it cost the Cosmic Bureaucracy sixteen orders of magnitude more. I don’t buy letterhead. I made my own with my computer software and print it onto paper as needed.

Mammon (money) and gravity have similar attractive strengths. The more you accumulate the greater your attractive powers (pull on things) become. To compare a Quark god, the strongest bond, to weak gravity, the cosmic servant, the entire COSMOS of matter combined is required. And the equivalency is established in the hierarchy: Particles are in a different Force Realm than gravity and aren’t comparable. And thus in NATURE they can never be made equivalent and their hierarchy problem dies. Gravity’s equivalency will come to life in a later Article.

As one final reflection go back and look at the M-EnDing Force Magnitude Map. Hierarchy from the dictionary is defined as an organization of persons or things arranged into higher and lower ranks, classes, or grades. Energy is the rank for sub-atomic (quantum) physics. Particles and elements are gods – atoms are NATURE – compounds are man and animals, and conglomerates are servants and bow to all others. How many servants does a god need? Just look at the big three

monotheistic religious gods (judaism – christianity – islam) and all the servants (worshippers) they claim. I think one of them claims 2.333 billion: one third of all of mankind. WOW! Men (generic) can't be gods and gods can't be GOD!

Finally, the last item to be addressed in this Article is the Anarchic-Totalitarian-Sum/Over/Paths Principle, which will be address as the anarchic principle. The ***“anarchic principle*** *The statement that all interactions that are not forbidden by symmetries will occur.”* Lisa also stated that, *“the anarchic principle, which says that everything should interact, doesn't always hold true. The problem with the anarchic principle is that theories end up predicting interactions and relationships among masses that are not seen in nature.”* Their mathematical masses are to large for NATURE.

Let me say I think they are chasing a mythical mathematical string of compounding equations that will never sing with their linguistic string. It's so contorted (twisted in every direction and dimension) that I've struggled to grasp it let alone challenge it and then explain it. But I will give it a shot.

She also talked about *“sequestering”* (not allowing something to happen or restricting how much it happens), though she related it to branes and extra dimensions. They want this so that they can reduce the matter mass.

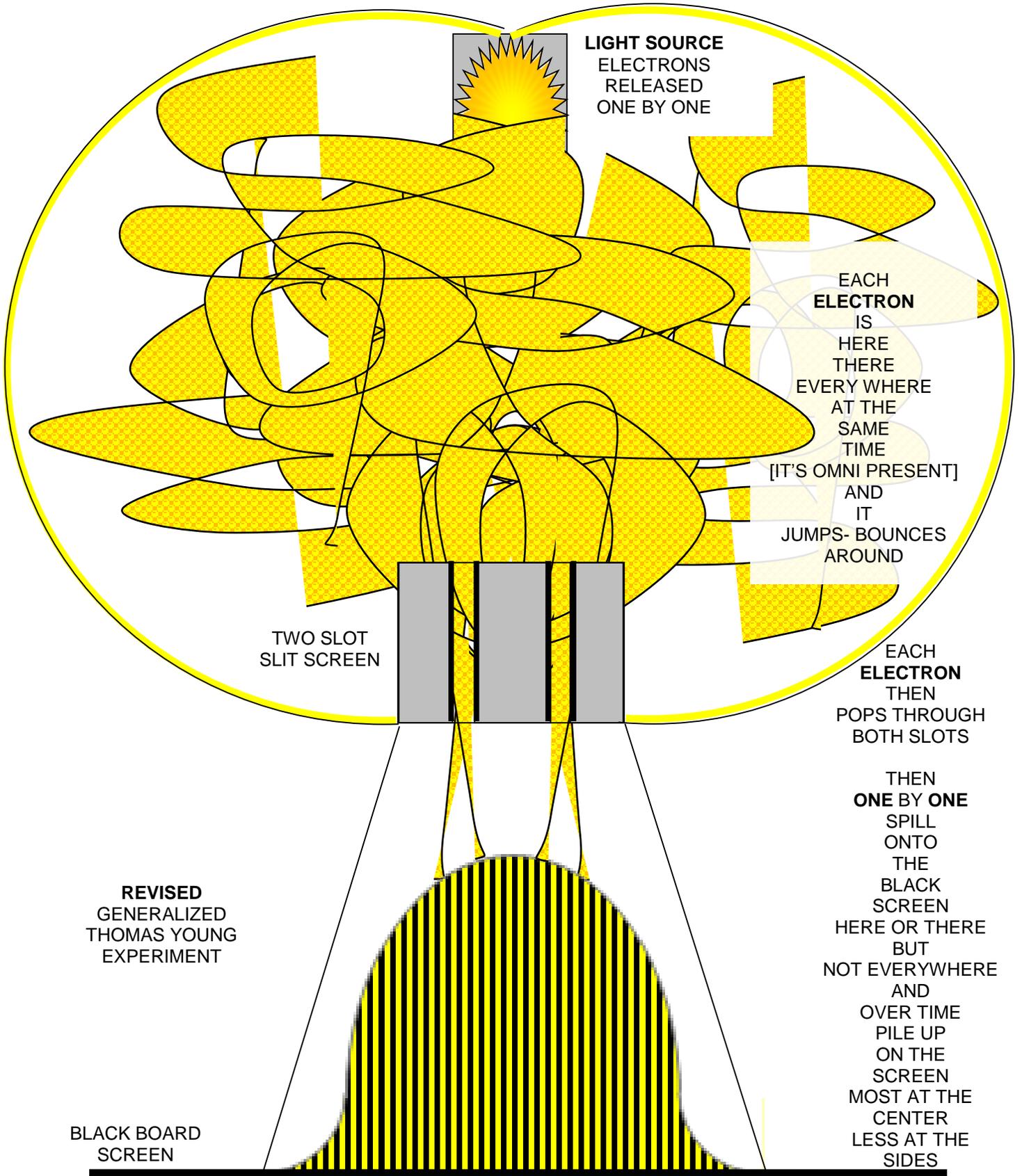
Recall from the Brief of Physics in their attempting to guess at light as a particle or wave they birthed the evolution of this anarchic principle. See Figure ABOP.1 in the A Brief of Current Physics. It is now also known as what I call the “Omni-Present-Electron god principle”: that it (the electron) is everywhere at all times. Yet NATURE puts it in a specific place at a specific time.

I've talked about their linguistic strings (long tales – stories), but for this one I thought reading directly about it would add to the truth. Dr. Richard Feynman's, the god after Albert Einstein, tale as expressed (told) in the “Elegant Universe”, by Dr. Brian Greene:

“Feynman proclaimed that each electron that makes it through to the phosphorescent screen actually goes through both slits. It sounds crazy, but hang on: Things get even more wild. Feynman argued that in traveling from the source to a given point on the phosphorescent screen each individual electron actually traverses every possible trajectory simultaneously: [See Figure 2.5 Omni Present Electron (ping pong ball) Anarchic Principle in this work]. It goes in a nice orderly way through the left slit. It simultaneously also goes in a nice orderly way through the right slit. It heads toward the left slit, but suddenly changes course and heads through the right. It meanders back and forth, finally passing through the left slit. It goes on a long journey to the Andromeda galaxy before turning back and passing through the left slit on its way to the screen. And on and on it goes—the electron, according to Feynman, simultaneously “sniffs” out every possible path connecting its starting location with its final destination.”

But Feynman was able to show it with his mathematics and it matched their wave function method and experiment so it must be right – it must be a Principle of Inner Space.

Who has heard of anything more absurd? Maybe their very own claim that, “NATURE is absurd”. Is this because they can't explain it with logical simplicity, it can't be simply logical? AI was right, *“they are missing some basic understanding”*. And as the old saying goes, “Figures (numbers – mathematics) don't lie, but remember liars (mathematicians) can figure.” If the math is bad the answers are wrong.



OMNI PRESENT ELECTRON (ping pong ball) ANARCHIC PRINCIPLE

Figure 2.5

I will use a Natural example against their tale and see if NATURE can grab them by the tail. I will use pre-present-post analysis of a Natural occurring Common Space event to raise the question if the sum/over/paths – anarchic principle really exists in NATURE or if it is “shadow games” [Now you see it now you don’t, it acts like it spins, but it really doesn’t spin.] of current theoretical physics.

I will call my shot, “NATURE’S *avalanche principle*”, of which there is what is called a gravitational slide and what is called a long-run-out slide. We will see how NATURE traverses the sum/over/paths – anarchic pinnacle. Sometimes one slide occurs and sometimes the other occurs. It acts like the anarchic principle in sometimes one thing occurs and in other times another thing occurs. Because both don’t always occur raises the very question of the existence of the anarchic principle as something true to NATURE. Why don’t both slides always occur in NATURE?

I think the following example though occurring in NATURE’S Common Space relates to motion and momentum and mass in particle physics. Thus, I will attempt to present it in terms of particle physics. NATURE’S **avalanche [land slide] principle**: A particle exists, constrained at some elevated energy, by impositions of other particles. This particle could move towards many other particles along many different paths. If all particles and paths (omni present – sum/over/paths) were considered and summed together the very mountain of matter that this particle resides on would be an avalanche of annihilation (nothing left). If an avalanche of annihilation occurred there would be no matter, and there would be no purpose to discuss it. A matter of fact, there would be no us to even discuss, discussing it.

Symmetry does restrict the anarchic principle, as it does the avalanche principle. A particle on the symmetrical or opposite side of the mountain will not be in the path or involved with the slide we are discussing.

Restricted motion reduces energy involved in all motion, though there is a lower limit and an upper limit to the slide. Therefore, there must be some other basis of actual interaction than “*all possible interactions not restricted by symmetry*” as required by the anarchic principle. Because once the particle begins to move all paths are broken at that scale and all subsequent scales until motion settles.

To understand this, imagine that an external imposition displaces the particle in question and a gravitational (lower limit) slide begins. The first particle collides into another particle and that particle begins to move. As soon as this occurs all possible paths before motion have been altered by motion itself. And thus the possible paths that existed prior to motion no longer exist. Thus, they can no longer be part of the motion and final path.

It’s like lead changes in a car race. Every lead change changes the predicted outcome of the race. And if you look at the entire field (all the racecars) every position change within the field changes the outcome of the overall race. The possible paths before the change have been sequestered or removed from the equation of motion by changes in motion itself.

If the next particle involved refuses to be involved, because it is anchored to its own position, it sequesters some of the pathways and energy of the slide. This destruction and reconstruction of possible pathways is a dynamic of motion and thus limits all possible pathways. However, when motion settles or in some cases stops, if you turn around and look back at each and every particle involved only some of them have moved and each of those have only traversed one pathway. This particle pathway is a sum of incremental components of various pathways, but not all pathways; and certainly not all the possible pathways in the beginning. This holds true even if you limit your review only to the particles that moved. Thus there is an exchange of energy in the event, but not

necessarily a change in particle mass. Even if there is a change in mass, the total mass and energy of the event would be conserved.

This is what is special about a long-run-out (upper limit) slide. The boundary layer between the static mountain and the slide forms a rolling friction (a racecar stopping without braking – it rolls to a stop) condition versus a sliding friction (a racecar stopping with the brakes applied – it slides to a stop) condition and thus the rate of energy consumption is reduced and the long-run-out slide travels further than a gravitational slide. Yet, if you look back at this long-run-out slide from post to pre-conditions, each particle only traversed one path. Which, again is a sum of all incremental (small sections) of each possible path, but not a sum of all possible paths. By the way Feynman applied a number (a fudge – a manmade adjustment) to the math for each of the paths so their combined average matched the needed results. It's just a little current theoretical physics override to force fit man's ways, means, and methods onto NATURE and force fit a match to experiment. This is some more of their missing basic understanding of NATURE'S MEND. Was this fudging born with Mr. Planck and his "h-bar" universal constant? Current theory is bloated with physics fudging.

So the concepts of the anarchic principle, *"which says everything should interact,"* and *"that all interactions that are not forbidden by symmetries will occur"* doesn't hold true. For in a slide some particles interact to take energy and/or mass away from the slide. This affect is minimized in the dynamics of a long-run-out slide, but is nowhere near eliminated as would be required by the sum/over/paths - anarchic principle in current theoretical physics. The mass and energy involved in this long-run-out slide is still too small. And most obvious of all is that some particles with potential to interact never interact at all. See Figure 2.6 NATURE'S MEND AVALANCHE PRINCIPLE.

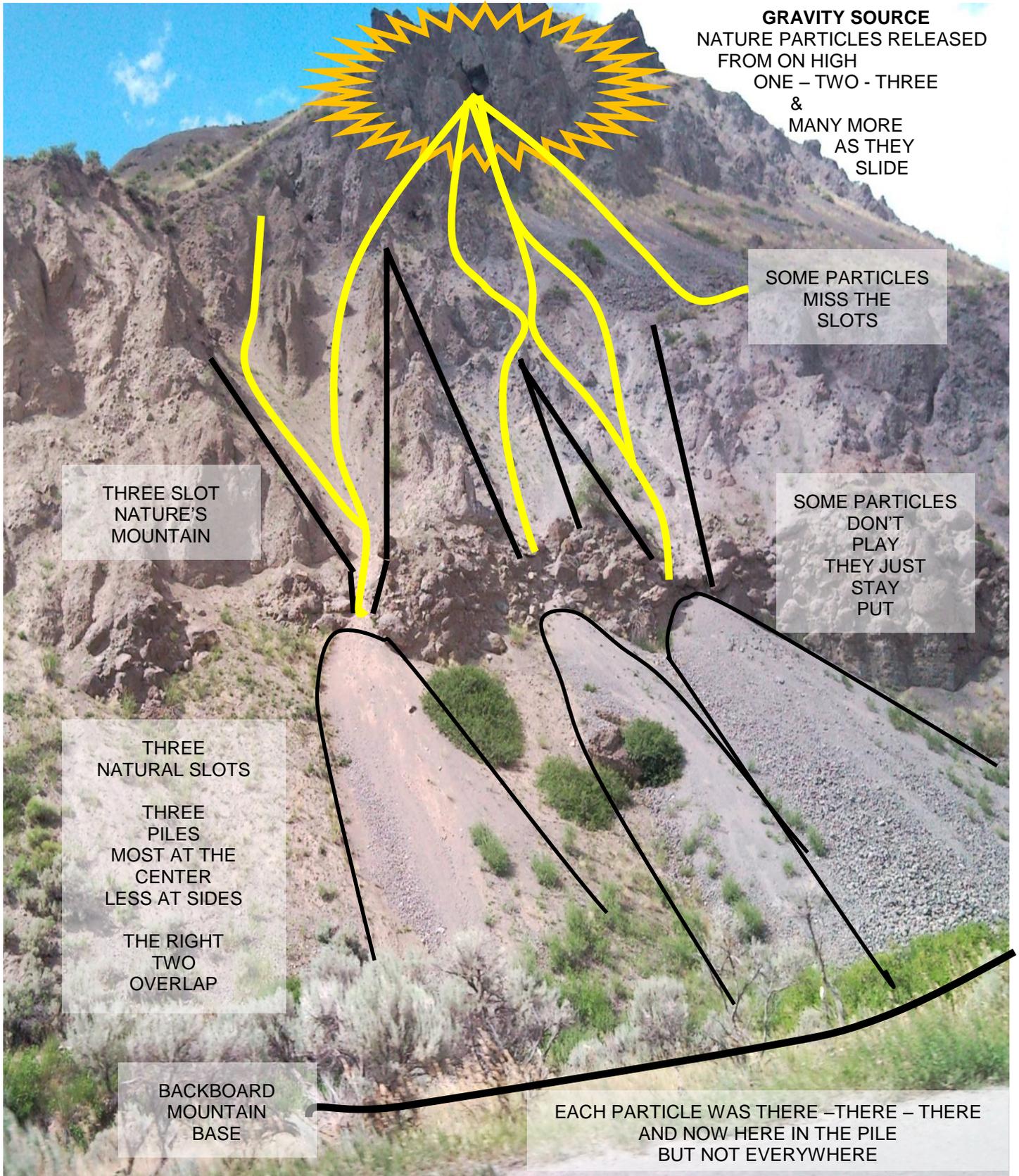
The background picture for this figure was taken along the road to the North Entrance of Yellowstone Park in 2011 while my son and I were visiting the park in early August.

The Common Space NATURE'S MEND Avalanche Principle is different than the Inner Space current theory anarchic principle, but the figures 2.5 and 2.6 are similar. The current theoretical particle physicists will argue that, "what goes on inside Inner Space can be different than what goes on in Common Space" to bolster (beef up) their principle. My point of the avalanche principle is just simply that once the particle starts to move it can't be someplace else at the same time, as the current gods want to claim. Their mathematics just can't replicate NATURE so they fudge-override it to force a fit. And now they're in a fit over strings because something is still missing.

However, on a Cosmic Stew Pod scale of everything seen and the unseen of the Universe, all particles do interact and they do so to maintain Cosmic Supersymmetry. Thus the anarchic principle does hold true on the opposite end of the scale from particle physics. Though it is somewhat contorted (twisted & crazy) to think of it as working outside of symmetry to maintain symmetry.

The challenge in all of this is predicating the path of any particle before it occurs. Maybe the uncertainty principle applies best to the sum/over/paths – anarchic principle. You cannot measure the mass of one particle based on all the pathways and interactions that it could take and make. If you want to be certain about mass you can't be certain about path. Though, you know only one path is Natural.

Thus an average of parts of all paths $f(dp)dx dy dz dt$ where dp denotes the path changes with each change in length (dx), width (dy), height (dz) over time (dt) might be the best SWAG (Scientific Wild Ass Guess)! It's called a five dimensional problem with five unknowns and is more complicated than the Cosmic Creation Function (CCF). But it is required to understand the expansion of the



NATURE'S MEND AVALANCHE PRINCIPLE

Figure 2.6

COSMOS. That's why it is so difficult to expand the CCF. And with that the sum/over/paths – anarchic principle begins to lag (fall behind). It will eventually drop out of the race for influencing NATURE'S MEND as the Revised Generalized Thomas Young Light Experiment of Figure 2.5 is rebuilt by NATURE one electron at a time in a later Article.

Oh, what to do about a current theory quantum quandary (failing principles) and a shoe string theory? The **M – EnDing THREAD**, of NATURE, the **Cosmos Process Engineered** is required to transcend all phases and changes of COSMIC particles and energies from above Planck scale (Inner Space) to galactic giants (Outer Space).

Maybe this evolving theory can alter black holes, dark matter, dark energy, and black magic (fudging) into Dark Holes, matter conversion, energy release, and the dynamics of phase change. Maybe it can even alter gravity?

Thank you for your precious time and consideration of the first dissection of the Cosmos Process Engineered.

Who do you think has more beef: NATURE or current theoretical physics?

I hope you enjoyed the hike through my intellectual thoughts and will continue on! For in this work the mysteries will TRULY unravel with NATURE over TIME!

Respectfully,

kevin I olson

The M – EnDing THREAD

The COSMOS Process Engineered [CPE] – [M-EnD] VERSUS The UNIVERSE BORN OUT OF A PARTICLE & OUTER SPACE GAS CLOUDS [IS GAS THE SOURCE OR THE AFTERMATH – 24-AUG-2007]

The purpose of this Article is to continue to spout (to speak, especially in loud and emotional tones) heresy about the Current Theoretical Universe from the Process Engineering prospective. Will this challenge to the origins of the Universe and Star birth continue to bulk this new theory or will it diminish (lessen) its light [understanding]?

Dr. Randall in her book “Warped Passages” and Dr. Neil deGrasse Tyson in his book “Death by Black Hole”, both allude to the possibility that their Universe began as a very, very, tiny, tiny particle (way smaller than a dust particle on our ping pong ball). Some now say it might be as big as a fist. How many fists will fit in the earth? There would be around 4.64×10^{24} [4.64 septillion] fists in the earth.

It was this super small particle right before their Big Bang. However, their origin-invisible particle was so dense that it contained all the mass of our Universe, both seen and unseen (current theory black holes, dark matter, and dark energy) today. This dark stuff constitutes (makes-up) 95% of all Common Space unseen gravitational and non-gravitational energy, but they can't understand where it comes from so they dub (call) it dark.

If all the stars (there's hundreds of billions of stars just in our Milky Way galaxy, which is 5/1,000,000 [5 millionths] [5×10^{-6}] [0.000005] of the diameter of the viewable Universe today) were solid aluminum ping pong balls, there wouldn't be enough ping pong ball star mass to amass (make-up) their particle.

If all the stars were solid Lead basketballs: with Lead being 4.4 times as dense as aluminum. And basketballs being 1000 times larger in volume than ping pong balls, making them 4,400 times as massive. All the basketball stars wouldn't amass enough mass for their particle.

If all the stars were solid gold racecars; with gold being almost 7.5 times as dense as aluminum. And racecars being 700,000 times larger in volume than ping pong balls, making them 5.25 million times more massive. All the racecar stars still wouldn't be enough mass to amass (build – bulk) to their tiny particles mass.

If all the stars were a hundred billion (100,000,000,000) times the size of our sun which is around 99 percent of our solar system and were solid platinum, which is almost 8.3 times as dense as aluminum, making them almost 4.2×10^{42} (4.2 tredecillion) times more massive. They would still be missing most of the mass they need for their very, very, tiny, tiny particle mass.

They have a dark black invisible spec particle in the darkness of nothing at all that is massive beyond measure, let alone calculation, without massiveness, and principles full of uncertainty.

Where NATURE'S MEND has a huge sphere of COSMIC cookie dough with unknown gigantic radius [guessed at 120 billion light years], which in and of itself makes it massive with lots of mass.

So they have mass without massiveness, like they have spin without spinning, and uncertainty of lots of dark stuff, and principles that sometimes work, and don't work sometimes.

Where NATURE'S MEND has both naturally; for the Earth is massive and spinning, and it is only a very, very, tiny, tiny particle in the WHOLE of Outer Space in both theories. However, NATURE'S Origin Particle could swallow our entire visible Universe of 20 billion light years as if you were swallowing a drop of water.

And their still in the dark about what their particle really was before it blew up and almost completely silent on how it blew up. It just caught fire [think Primordial Fire Ball], so I'm not sure it even blew up? The mathematical equations blew up.

NATURE'S MEND has already set both of these conditions in Article 1 with the ORIGIN PARTICLE of SS₁CME₁ [Super Sphere – Containing all Matter and Energy of NATURE] and the BLEVE [Boiling Liquid Evaporating Vapor Explosion] of the pulsating core. Whether our sphere of COSMIC cookie dough was in the dark or not will be addressed in a later Article.

Mr. Tyson seems to affirm (buy into – swear by) the idea of their massive mass without massiveness black invisible spec particle in darkness. But it didn't seem like Lisa was as sure about it. Brian Greene in "The Elegant Universe" talks at length about it in Chapter 14 "Reflections on Cosmology". Maybe Mr. Tyson sums it up best, "A coherent description of the formation and evolution of the large-scale structure of the universe continues to elude us."^D Now there is such a description – NATURE'S MEND! And you will grasp it all by the end!

It seems every one [left apart versus everyone together to denote individuality] has a little different slant [spin] on the current theory Big Bang story [tale, line, string] ([] just a little of my linguistics playing). As does the 1988 World Book Encyclopedia in the section on Cosmology. Now they have invented string theory to stitch their story – tale together. Current String Theory will point to NATURE'S MEND in a later Article.

I think another way to state their idea is that the UNIVERSE began from almost nothing, it was created in some stellar (figurative – chief, principal, god) way: an eightfold way of two quarks and an electron to enlightenment!

You see in the current theory they have two different quarks (two different basketballs). One quark is an "up" and the other is a "dn - Down". Is one on top and the other on the bottom? Is one, for Adam and the other for Eve? It would fit with a creation story and allow them to breed.

If you look up *eightfold way* you will learn it has connections to Nuclear Physics and the Buddhist religion and the coming together of elementary particles. And it is the coming together of elementary particles that ignites a stars birth later in this Article.

How did their mass come together before it blew apart? Current theory is clueless, but NATURE'S MEND will establish HER basis for being together in a later Article with the conservation of everything: Matter – Energy – Motion – Entropy. There are limits to everything, even the disorder

of entropy. Will NATURE with HER MEND be strong enough to recover entropy? Asking the right questions should help us reveal HER ANSWERS!

Creationism of current physics and religion seem to be intertwined without end that everything came from nothing. Thus they both need some kind of a god to have created all of it. Maybe GOD created NATURE and HE is the GOOD MAN behind the GOD WOMAN? HE lets HER play with us everyday!

Aren't there eight energies related to matter conversion and matter in the Cosmic Creation Function of NATURE'S MEND from Article 1? Yes, so maybe the eightfold way like the 8-cubist-cross-three-D...ist is just Natural to our Inner Space - Common Space – Outer Space and has nothing to do with man and man-made physics and man-made religion. This is more common brush strokes between theories, but theorizing with different colors.

Just remember in this theory: [man – him: is generic as it is with GOD]. Sorry, I just can't avoid a little spice of LIFE (BULK₃). Maybe you prefer “evolved” versus “created”? I do, it fits better with BULK₁ and this new theory.

But what does current theory really fit with: created or evolved? I think we can all answer this question by now. It is based on creation from the god Higgs Mechanism and its “it” (not really sure if it is a son or daughter): the Higgs Particle. Is this more specious [probable – but no really so – without good merit] work by physics men to claim it as a “son”.

The question of what NATURE'S cookie dough was before it became something to evolve is left for a post script (PS) in the last Article.

As I stated before, “nothing is sacred in this work”, this allows me to work on everything, including GOD. Jacob wrestled with GOD so why can't I?

The Grand mysteries will all be gone at the conclusion of this work, and all that will be left is clearing up localized confusion. Like why does Phobos, the inner satellite, of Mars rotate faster around Mars than the planet itself rotates. You see a Mars' day is close to an Earth day (24 hours 37 minutes). Phobos circles Mars every 7.5 hours. It's the only satellite known to do this. Remember Mars has two moons (satellites) the second is Deimos, which is smaller and slower. It takes 30 hours to circle Mars. Don't we always expect the smaller guy (generic) to be faster?

Our moon rotates around us at almost the exact same speed we rotate. I have some thoughts about Mars' moons, but I can't write it all for I would never finish it at all. There is a huge amount of bulking that needs to be done to fatten NATURE'S MEND up. For I am just a man, and NATURE is always in motion, so there is no way for me to keep up. All I can do is make a small contribution, and hope some one else will pick it up in the future when I'm dead and gone. Now we will go back to the limited Article at hand.

The current theory Big Bang guessing (perturbation and renormalization) goes something like this with my added commentary. Actually it was a solution to Einstein's equations of general relativity by Alexander Friedmann, a Russian Cosmologist, which gave rise to their Big Bang in 1922; 15 years after Einstein developed the mathematical equations.

Remember Einstein had his own solution using an added ingredient called the Cosmological Constant. His solution showed the universe to be a nice settled place not expanding or contracting. He considered later his use of the Cosmological Constant his biggest blunder. Hell, if AI can make a

mistake please give me some latitude in this heresy. Now in current theory they are trying to include AI's blunder. Could they and their theory be more torn asunder, stringing out everywhere from nowhere?

We know Mr. Hubbell's observations of Outer Space showed that NATURE was expanding the Universe. NATURE proved one of AI's solutions to general relativity to be wrong. Can you imagine if SHE did it a second, third, or even a fourth time?

Mathematics and its strings of equations and strung out linguistics rules their roost (PHD pulpit), while NATURE rules this humble house (work) with imagination in simplicity.

Their nonexistent particle (they now think the particle popped out of that god wave of nothing). [Was it the chicken or the egg – the particle or the wave – that came first?] This nonexistent particle that was under infinite (never-ending) compression blew up (had really bad gas pains (indigestion) and exploded). It let one hell of a burning fire fart! I've been there and done that.

Then the infinite compression can't be never ending, it can't be infinite. I think there is a fairy tale called the, "Never Ending Story"⁵⁹. It could be the title for where current physics theory is headed with their string. The compression had to have an upper limit. Like the boundary conditions of the long run out avalanche slide we talked about in the previous Article.

The upper limit means it was finite, had a value, a very large value say $10^{1,000,001}$ (that is 10×10 multiplying each time by another 10 for a million times). All that was left after this cosmic fart was a lot of gas (radiation). There are no big particles, no Origin Stars, no planetary blobs, no constellation conglomerates, and no galactic giants like in NATURE'S MEND after HER TRUE BIG BANG. Thus they have no gravity. Remember from the last Article that it takes a huge conglomerate mass even to make just a little gravity (tugging (attractive) force).

After their Big Bang they have only the Origin Stellar Radiation Cloud. I hate to call it a cloud, because that leads one to believe it was like a cloud in the sky, visible stuff, and it was not. So let's call it the Origin Stellar Radiation Sphere (OSRS). It could also be called the origin nebula (cloud in Latin). It is the counter part to the CSP (Cosmic Stew Pod) in NATURE'S MEND, which is now a flying saucer shape instead of a spherical shape. Remember the BIG BANG of NATURE'S MEND and the COSMIC CREATION FUNCTION has four components of radiation of which only one is visible to our eyes. I've never seen an explosion without some light. Even the childhood little firecrackers "Lady Fingers" that I lit gave off light when they banged! You can see the light much better at night, in the dark.

They claim their OSRS formed a rapidly expanding region called the *primordial fireball*. Though I'm not real clear where the ignition (spark) came from to lite it off. You ever ignite (spark) a small fart? Trust me its a little fireball [Just some experimenting in college with some classmates after eating Mexican food and drinking beer while at an American Society of Mechanical Engineers student conference in Iowa City, Iowa USA]. We also stacked several beer cans up in an upside down pyramid in our hotel window. It defied logic! We fudged (cheated) by using "Super Glue". Maybe I should have gone into physics for fudging seems to be a primary tool of theirs.

As mentioned earlier fart gas on fire means there has to be an ignition source for their Big Bang. I've never read anything about this in Current Theory. Though some are dancing around with what is called Repulsive Gravity: meaning it pushed away instead of pulled towards in the beginning. Their nature is really absurd, for she can flip flop laws like politicians and physicists flip-flop on issues and dimensions; and principles. In revelations the "Beast of the Earth" brings fire down from heaven.

Maybe the current theoretical physicists are the beasts of the earth making fire come from heaven to lite their fart gas, but it is all wet and won't ignite [bring light {understanding}] to NATURE

I have never seen an avalanche slide up a mountain, or any other example of a Common Space Repulsive Gravity event that can't be explained. For example: water running up hill (up your windshield) as you race down the highway in a rain storm. This is just another example of the weakness of gravity. But, NATURE'S MEND has an ignition source, recall the core pulsations that crossed the harmonic threshold in Article 1 and caused the BLEVE?

After a few centuries of expansion and cooling, their radiation formed matter. The matter is mainly in the form of hydrogen, the first element, which is a gas and likes to explode. Hydrogen was naturally formed by NATURE in the last Article. They have a lot of radiation (invisible cancer killing rays) and a lot of explosive gas (hydrogen) and no gravity. No wonder it can expand rapidly and cool, there is nothing to slow it down and keep it heated up as their fart gas (radiation & hydrogen matter) burns up in repulsive gravity. If you burn it all up in the beginning what's left for anything?

What they claim happens next with this matter is absurd, however it just complements their current absurdity of quantum mechanics and what they think NATURE is doing. They claim the main part of the fireball was matter. It was a super dense, massive clump of matter (not a gas) and it continued to come apart decreasing in density. They must have a gigantic anti black hole or what I will call a gigantic fart hole that spews radiation (stink), gas (hydrogen), and mass (shit) out into their universe.

Then at some point, about a billion years after their Big Bang, attractive gravity kicks in (stops being repulsive – the fart hole closes up – one could call it the tight-ass effect) and galaxies formed first, then stars, and ultimately planets. But now they have an ancient galaxy that confounds them?

So in the beginning all they have is radiation, can't see it, it has no matter. So "darkness was upon the their face of the deep". Sounds like a line from that "old first book" of Moses talking about when GOD began to create. And then they have burning hydrogen (light). So there was darkness and there was light on the first day of the current Big Bang Theory (maybe not day in the sense of our 24 hour Common Space day today). It's more religious overtones to their guessing? They actually go from darkness to light in about 1/100th of a second.

Then in three minutes they have the first three Common Space elements formed (there's that spatial special three again). So out of this very, very, tiny, tiny particle under infinite compression that was denser than anything we know of, other than what they claim happens in a black hole, they have the WHOLE of the COSMOS coming forth.

Now they claim black holes can come apart. Apparently physicist don't just flip-flop, they also flop-flip (bounce around in all directions and dimensions). What was it their fine-man Feynman said about the electron, "They traverse every possible path simultaneously (at the same time)"? So like the electron, current theory physicists are omnipresent (everywhere at all times – in all places – in all dimensions with their thoughts) with their creation – they are gods.

In their beginning without attractive gravity noting can come together. So everything can come apart after their Big Bang. And after a while they need it to come back together and up pops attractive gravity after about a billion years. The fart hole opens up again and instead of spewing stink it begins to pull it in. This can be called the sinkhole effect.

If you study, gravity is something they experience every day in Common Space, but they can't explain it with theoretical grace (Simple Logical movements). To paraphrase what Lisa said, their ignorance about it shines bright in current theory.

To anchor their theory they need something that can't be seen that has all the gravity they need. And in darkness their infinite attractive gravitational hole, the black hole, of which light can't even escape, arises. Did it do this on the third day? They say there is one of their black holes at the center of every galaxy holding it together with gravity. And that's kind of how they proclaim star formation in Outer Space gas clouds occurs (mysterious gravity).

In the beginning they have darkness and then light. The light is from a single star, what they call a "first-generation high-mass star". She is hot and fast. Adam must be the gas cloud and Eve the star? She was after all, the one that attracted the devil in the creation story of the three religions at war today. Isn't there an old saying, "Star Struck"? They call this star and all stars element factories of nuclear fusion.

Nuclear fusion is a high-energy release [mating] event of NATURE. It takes four hydrogen atoms to make one helium atom (the second element of NATURE). And in NATURE hydrogen is found most commonly in a diatomic form, called H₂, which means two hydrogen (H) atoms make up one H₂ molecule. So in NATURE it takes two to tango.

Man has never been able to contain and control a fusion reaction in Common Space, though they have released the process. It's called the hydrogen bomb. When you hear about power plants (those things that produce electricity) being nuclear reactors they are fission type (it's the splitting of atoms versus the joining of atoms). It's breaking a bond versus making a bond. Fusion is like marriage "two joining to become one" and fission is like divorce "two being torn asunder". Though in Bulk₂ I think in most cases it is harder to break the bond than make the bond: cost more money to get divorced than it did to get married! I'm an oddity here also.

Their (current theory) stars are element factories and work like this. Two diatomic hydrogen (H₂) atoms mate to form helium, releasing a large amount of energy. NATURE'S mating process will be detailed in a later Article. The energy released has enough pressure to overwhelm attractive gravity and the star's light keeps shining.

When the hydrogen mating is over the energy pressure is gone and gravity takes over and the star collapses. Even though there is no mass at the core (all the hydrogen is gone) to produce the attractive gravitational force it somehow still has gravity. The collapse causes helium atoms to begin to mate. And this cycle of mating pressure expansion and attractive empty core gravity collapse to start another mating cycle is how all the elements come to be in their theory.

The catch is at the element Iron. For at this element the process in NATURE takes heat to make it fuse instead of releasing heat in the process. NATURE'S MEND will resolve all of this before the end. Maybe repulsive gravity is just a name for energy pressure pushing out. Could attractive gravity be just a name for a cause of a different energy event? Article 7 of this work is dedicated to gravity and what it really could be.

Thus from nothing at all (darkness) they have gas, light, flip-flopping – flop-flipping gravity and black holes, and an element factory for everything. From nothing, everything is created by nothing. Yes, I used created! And it applies very well to their theory. It can't evolve, because to evolve you have to start with something. Ever try and make chocolate chip cookies without the ingredients, or

anything else for that matter? Sounds absurd! I did as a kid. Those big people said I was playing make-believe (pretending). That's kind of like what I'm doing in the heresy of NATURE'S MEND.

Remember NATURE'S MEND starts with everything so SHE can evolve to encapsulate everything, everywhere at all times.

Physicists in current theory pretend to know what's going on in Outer Space and Inner Space. They cloak (hide) themselves in complicated mathematics and confusing linguistics with uncertain principles from NATURE'S Common Space Logical Simplicity.

NATURE proved them wrong once. So from their dark absurdity let's let NATURE MEND (fix or repair) the "Really Real World" of the Universe's birth and what's going on in Nebula (gas clouds) for star birth.

If their way is worth considering then shouldn't that which lies at the opposite end of the COSMIC spectrum, that everything came from everything (NATURE'S MEND), also be worth consideration? Maybe parts of both are at play, like we both have Big Bangs, and until we consider and mix both recipes we will never savor the true flavor of the COSMIC cuisine!

For example, the current theory with gravity (attractive & repulsive) as its mainstay is missing 95% of the matter and energy called Dark Matter and Dark Energy required to support itself, based on Common Space observations of Outer Space.

However, the Cosmos Process Engineered theory [NATURE'S MEND] proposes that the TRUE BIG BANG and subsequent degrading Big Bangs established the COSMOS through energy and dynamics until feeble gravity began to settle matter. The missing 95% of mysterious gravity matter and energy in the current theory is matter converted to detonation placement energy (which is still taking place today with the expansion of the Universe) Dark Energy and Matter beyond our COSMIC site Dark Matter in the Cosmic Stew Pod of this new theory.

Because of gravity's feebleness, motion continues today because some stuff is just out of its reach. Like Outer Space clouds, and thus allows for Reconstitution and Detonation (RD) which I called secondary object formation. The RD of NATURE'S MEND was touched on in Article 1. This takes place after primary object formation from the Origin TRUE BIG BANG and subsequent bangs.

Primary objects in NATURE'S MEND are stars, planetary blobs, constellation conglomerates, and galactic giants within the CSP.

Things are still exploding in Outer Space today. Most often you hear about it when they talk about supernovas.

Here is what confuses them (current theorists) even more. Sometimes super nova explosions form a black hole and sometimes they don't.

This RD processes (works and produces stars) not through gravity alone, though it is a player, but through imposed energy. Thus the two theories begin to mix for a while. It's like sampling different Chocolate Chip Cookies (3Cs) to come up with the best recipe. In my opinion Nestlé Toll House^{®19} has conquered this 3Cs physics problem and I'm only attempting to use it for a Common Space bridge to simpler Outer & Inner Space understanding. Though, I have modified a fudge recipe using Nestlé Toll House chocolate morsels that everyone who likes fudge thinks is really great. The recipe is the last post script of Article 8.

Here's some more linguistics. Current theory Doctors fudge (manipulate – cheat) their mathematics to make the equations do what they want so they can have their desired answers (taste – flavor). Einstein did it with his cosmological constant and NATURE in Common Space proved him wrong. He admitted his blunder. Study the books I've studied there's no BS, MS, or PHD-ing slang about them fudging their mathematical work. When their mathematical masturbation and anarchic (disordered and confusing) consternations aren't working they have to kick in the linguistic lubrication of BS, MS, and PHD-ing slang to lead you to believe they know what they are doing.

Whereas NATURE'S MEND with everything in the beginning, everything can evolve over absolute time in three dimensions without cheating; flip-flopping–flop-flipping; spin without spinning; mathematical masturbation; linguistic lubrication; or fudging.

SHE just does what SHE wants, where SHE wants, when SHE wants, how SHE wants without ever giving us any consideration. Some might call HER pigheaded (stupidly obstinate [not giving in, hard to control] or stubborn). I would supplant (take the place of) “brilliantly” for “stupidly”! Most would say the same about me, without changing any of the words.

My E-gut (engineering understanding [knowledge of making systems operate at a high performance level]) is indicating that the Cosmos Process Engineered might lead us to NATURE'S MEND (fix and repair) of our lack of basic understanding and has possibilities to bring about the “GUT”. The “GUT” is one of a few Grand Prizes that physicists have been searching for since Albert Einstein. He spent most of the latter part of his life in search of the “GUT”. It is the Grand Unification Theory: a theory in which all forces, the strong at quarks (our basketballs); the weak at electrons (our ping pong ball); the Omni-present electromagnetism around both of these and in life (its everywhere at all times); and mysterious (attractive – repulsive) gravity come together in one theory. It was implicated by NATURE'S MEND in the last Article to be part of HER ways, means, and methods.

They haven't even come close in Common Space understanding so they have warped into a dark mud hole with extra physical dimensions allowing them to use their mathematics to do what ever they want - when ever they want – the way they want with complete ignorance of NATURE. And then they're Fudging here and there and everywhere as needed to smooth out the roughness: the absurdity.

Just like religions and their religious sects do with fudging (changing the words to change the meaning or strength of meaning) the WORD of GOD to claim they own the WAY to GOD.

Then along comes a CRAZY engineer standing outside this pool of bubbling darkness and begins washing away all the layers of overburden (piles of waste – excrement – shit) that have accumulated for the last 100 years of physics and the last 2,600 years of religion. They must be drowning in disbelief or at least choking on the spiciness or smell! Maybe that's why they haven't responded.

We will hang onto NATURE and swing over this pool on a vine (a strong string) and see if we will reach the other side passing over their lack of basic understanding, and land on the shore of knowledge – NATURE'S WISDOM.

Or the string (the completed story line) of this theory may break and we to fall into their pool of darkness about the beginning and the end and everything in between. Just a little tease! I've stood on the other shore – read the completed script (story line) and NATURE is GRAND and FINE in Logical Simplicity, with everything coming from everything in Bulk₁ without a god particle, a god mechanism, or a religion.

Let's be very clear. Nothing manmade can survive NATURE'S wrath over time. SHE plays every day in a simple logical safe way with the fusion process of mating particles and elements, and expanding the Universe. The best man has ever done with fusion is the worst, and that is blow stuff up to kill GOD'S children and injure HIS MATE – MOTHER NATURE.

It is NATURE who makes the Laws. That leaves GOD to be the JUDGE. It's physicists who are supposed to uncover the laws, and Engineers who are supposed to apply them. WOW, what possibilities if Ps & Es worked together on NATURE'S MEND. It opens up a new view of CPE (Collaborating Physicists & Engineers) mending the GUT of the Universe. Dreams are made of such thoughts. Oh, that's right; it was a dream that started this whole craziness of NATURE'S MEND.

When you hear of some one discovering a law of physics, think not like them, but understand that if it is a TRUE LAW it belongs to NATURE and all they've done is uncovered it. And if it's not proven as a law, but claimed to be a principle (truth), it really is only a speculation (a guess). Like the Uncertainty Principle and Anarchic Principle and what is going on in current theory COSMIC creation. These were beat to near death in the last Article.

We now know how they claim stars work from their first generation high mass star. But there is another current theory quandary. How they say stars form from gas clouds. Mr. Tyson does a great job of explaining what is going on with stars and what size they are. Then he makes the following statement a little over half way through his book, "DEATH BY BLACK HOLE"^D subtitled "And Other Cosmic quandaries". Quandaries being a state of perplexity or uncertainty: a dilemma. *"But only about 1 percent of all the gas in the original cloud participates in star birth, and that presents a classic challenge: figuring out how and why the tail wags the dog."* A second Doctor admitting they're ignorant and don't really know what's going on. Remember Dr. Randall said they are ignorant about gravity.

As a process engineer, I've learned to constantly question myself: If what I am observing, is the cause or the effect. In most cases what you observe turns out to be the last thing that occurred and in all likelihood is not the cause. Like when you see a fire, it is not the cause, but the effect. Did the fire start on its own or did man, a system failure, or NATURE start it? A forest fire burned the trees, but it was not a forest fire that started the forest on fire.

We need to make sure what we see and what we perceive is what it really is! We observe gravity working in NATURE and the UNIVERSE and generations of genius thinkers have cemented this effect as the cause. But with all the ignorance in current theory, I have begun to wonder and wander if it is the cause. I will beat the force of gravity to death in Article 7.

Now along comes a crazy thinker (a stinker), casting doubt on the path of the past and present geniuses. Will it even be considered? They sentenced Socrates to death and burned others at the stake so I guess I'll be considered bad company, like *K Square* (a Mr. Bad-Company character in Lisa's book). Mr. Bad-Company may apply even more so in my case, because I don't speak the same language, or at least not in a refined linguistic manner (manor) like current theoretical physicists. However, in bad company with Socrates, *K Square* et al. I consider myself fortunate. Remember, "My heroes had the heart to lose their lives out on a limb".

Let's work with this dog analogy.

Is the particle universe (Inner Space – Quantum Mechanics), a bobble head dashboard dog rattling its head all over the place in the absurdity of repulsive – attractive gravity in 10 or 11

dimensions: Current Theory? Or is it the DNA (that small stuff that makes every one of us different but the same) of the BIG DOG: NATURE'S MEND Theory?

The Process Engineering prospective would argue that it is not the tail wagging the dog, but the BIG DOG scratching an itch. Take away COSMIC energy [gamma rays, beta rays, ultra violet light - all the stuff of the CCF (Cosmic Creation Function)] imposing on the cloud and what happens? Not much! So COSMIC energy is the BIG DOG, and the gas cloud is an itch. And itches come in all sizes, shapes, and places. And scratching is an effect of energy and time. What happens to calm the itch? A scar or a star is born! Its fun to play with analogies, but they can easily be misconstrued (taken the wrong way) and become bothersome so I will return to process engineering to answer this last question and leave the sleeping dog rest.

To start, I will set some event boundaries and conditions to keep it simple. The BIG BANG is the initiating cause for both the bobble head (particle birth) and BIG DOG (SS_1CME_1 birth) theories of the UNIVERSE. The latter is a crazy (Gnarls Barkley definition) man's concept, so in the minds of the current theory gods it doesn't even qualify as a theory. It at least qualifies as a hypothesis (something assumed because it seems likely to be a true explanation) so I will continue to call it a theory. There is another small tidbit of commonality, the BIG BANG! Small here because the Big Bang from a tiny particle is a little Big Bang and the BIG BANG from the massive mass of SS_1CME_1 is inconceivable by most – a TRUE BIG BANG. The actual boundary (diameter) of the unseen universe could be 1.5×10^{18} (1.5 quintillion) light years. This is 76 million (76,032,000) times what they currently see and think it to be.

What happens to most objects in an explosion? They are converted to energy, gas, and reduced to dust, and maybe quarks-e liquid, which reconstitutes rapidly to dust or flashes to gas. How much matter and energy is missing from the current theory? The current gods admit 95% is missing. The current theory calls this dark matter and dark energy. The CPE theory calls this "converted matter to energy" and thus it is not missing or dark, but black (Energy is difficult if not impossible to see: you only see and/or feel the effect). As noted above there is a lot we can't see!

Now both theories have another common player: dust and dust clouds. In the little Big Bang theory do you have an order of Planck scale mass of fragments of quarks-e (3 basketballs and a ping pong ball) hydrogen? Or is it an order of Planck scale mass to the power of an order of Planck scale mass (Remember an order of Planck scale mass is a really big number just to achieve a little attractive gravity). Thus a really big number to the power of a really big number (REALLY-BIG-NUMBER^{REALLY-BIG-NUMBER}) is a really huge number to produce enough dust to produce the UNIVERSE? And how is all this dust to settle without attractive gravity in the beginning? Remember everything in their beginning is being pushed apart by repulsive gravity.

Where as in the BIG DOG TRUE BIG BANG you have all the dust you ever wanted plus more from the subsequent detonations (Little Big Bangs). And you have all the big, bigger and biggest chunks to have stars, planets, solar systems, and galaxies.

To fertilize the UNIVERSE what is more feasible, a little gas of nothing or a lot of gas with liquids and chunks? Hydrogen gas is the first element and most prevalent one in the COSMOS.

Now that we both have gas clouds NATURE can work on Reconstitution and Detonation (RD) – star formation within HER gas clouds. Though not precise it is accurate to use absolute zero as the reference temperature outside the gas cloud and what is desired at the core and star formation sites. We can do this because current Common Space observations of Outer Space put the near empty regions (where gas clouds play) at a temperature around 2 to 3 degrees within absolute zero.

Absolute zero temperature is 460° F (273° C) below zero or 0° K (Kelvin). This is not a place in space that I would want to be born. The heat required to keep you warm would burn you up before you even got hot. It's called a flash fire, an atomic bomb. The brightest and hottest blue stars have a temperature around 50,000° F (27,760° C). NATURE is just the opposite of man: man's (not generic) hottest blonde stars never seem to be very bright!

For now I will only consider the dynamics of the cosmic energy (itching) and not the mass.

I haven't been able to really grasp this gas cloud shape with a good Common Space example. I think it best to consider it as a group of amebic spheroids (a bunch of single cell blobs clumped together). Therefore, I will call it NATURE'S Amebic Nebula. It blobs in all three dimensions and constantly changes with time. How do I draw a picture of this? Or do I come up with some other analogy (better description) to provide Common Understanding?

The best I can come up with is that it is like NATURE playing with several colors of Play-Doh²⁰. SHE pulls it apart, squeezes it together, mixes it around, and once in a great while SHE makes something with it. Most of the time, like a kid, SHE just loves to play with it.

Gas clouds are constantly changing shape and can take-up and slough Outer Space dust. I never could get all the little pieces of colored Play-Doh out of each other. Maybe NATURE is the same way? In the beginning every thing in HER dough ball is organized into its own Play-Doh layer. See Figure 3.1 SS₁CME₁ CROSS SECTION (PRE TRUE BIG BANG PLAY-DOH BALL). We've evolved from the cookie dough ball. But after the BIG BANG it gets all mixed up and is full of disorder. This would mean not only is there an arrow to NATURE'S Absolute Time (points and moves in one direction), but there is also an arrow to NATURE'S Entropy (disorder). SHE is orderly in the beginning and disorderly in the end.

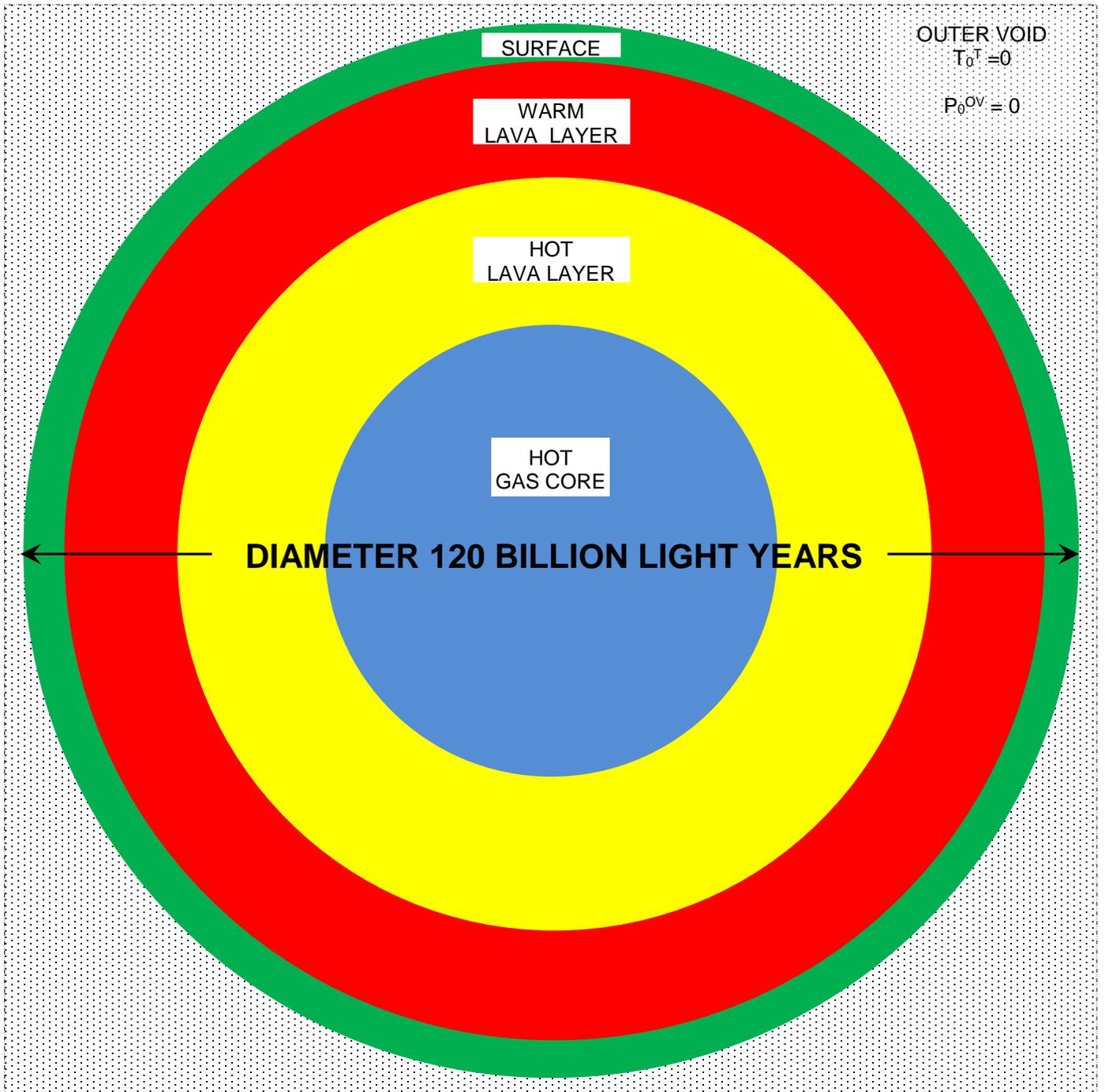
And out of current theory disorder and chaos comes a revolutionary change in Cosmology: NATURE'S MEND!

Because of this dynamic (constantly changing) shape and mass modification of the Amebic Nebula (gas cloud) there can be multiple apexes (focused areas) where the various impositions at play form birthing sites for new stars.

One additional thing that we need to consider is the turbidity (dirtiness and darkness) of the cloud. It's not some fluffy white thing, which floats in our atmosphere that sunlight can pass through, and "*Looks like a rabbit lying down*"²². A snippet from the movie "Wild America"²⁷. There is a gas cloud in Outer Space that is called the "Horse Head Nebula"⁶⁰.

Outer Space gas clouds are more like the billowing cloud of a volcanic eruption making its own weather, so to speak. But in a volcano it is the multiple forms of energy generated inside the earth being released that cause the dynamics and result in the instantaneous weather effects locally and if big enough globally over time. The volcanic dust doesn't settle until feeble attractive gravity takes hold after the energy released dissipates.

However, the opposite energy flow is the starting point in Outer Space gas clouds. The energy is being imposed on the cloud, not generated from within the cloud. Energy isn't released from the cloud until an inner cloud transformation from dust to star takes place. And this transformation process can take 100,000,000 (100 million) years.



THE CURRENT THEORETICAL PHYSICS THEORY PARTICLE IS NOT EVEN AS BIG AS ONE OF THE BLACK DOTS

SS₁CME₁
CROSS SECTION
(PRE TRUE BIG BANG PLAY-DOH BALL)

Figure 3.1

Hopefully we grasp the shape and characteristics of the Reconstitution Detonation Cloud of NATURE'S MEND Amebic Nebula.

Now, let's consider imposing energy on it and the effects this would have on the dynamics (motion – expansion and contraction) of the RD Cloud. Note energy can cause attractive and repulsive motion, as they desire their mysterious gravity to do: Heating and cooling cause this motion. Heating of the cloud causes it to be repulsive: expand and move apart. Cooling causes it to be attractive; contract and collapse together. So NATURE'S MEND climbs higher and swings further with energy in motion over their current black hole repulsive-attractive gravity.

Remember in a growing black hole they have attractive gravity and even light can't escape, but they also have said a black hole can die, and when it dies attractive gravity is lost. Thus the motion around the failing black hole becomes repulsive (moves away from the hole). So as current theory flip-flops black hole gravity, NATURE just strides away with imposed energy.

Because it is not a fluffy white thing energy can only penetrate to a given depth into the cloud. That means there are spots of darkness (lacking energy) present in the cloud. Cold spots where local motion slows down and can even stop. These are star birthing sites near absolute zero. And when motion is slowed down things begin to clump together, like a traffic jam in a car race or in Boston.

Some of the imposed energy is reflected back out into Outer Space.

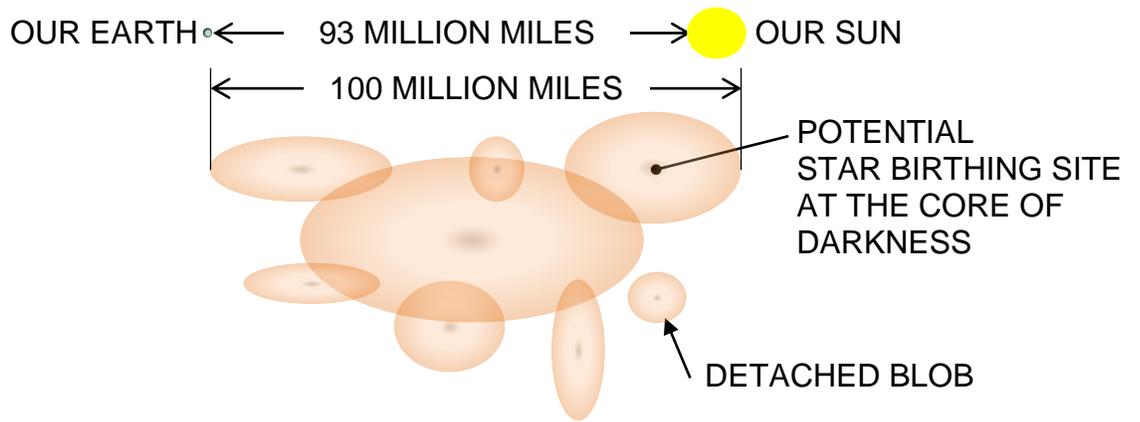
The remaining imposed energy heats an outer layer (blobs and mantle) of NATURE'S Amebic Nebula, which causes the blobs and mantle to expand.

Some of the pseudopodia (amebic blobs – Play-Doh chunks – gas cloud warts) can be engulfed by the main RD Cloud. The expansion of the main body of the RD cloud may even be enough to capture some of the detached gas cloud blobs. This would result in additional site specific densification (clumping) within the RD Cloud. This expansion would also result in an increased surface area exposed to absolute zero and thus you would have a rapid cooling effect. These things are giant beyond my grasp as their expanse can exceed the distance between our earth and sun of 93,000,000 (93 million) miles.

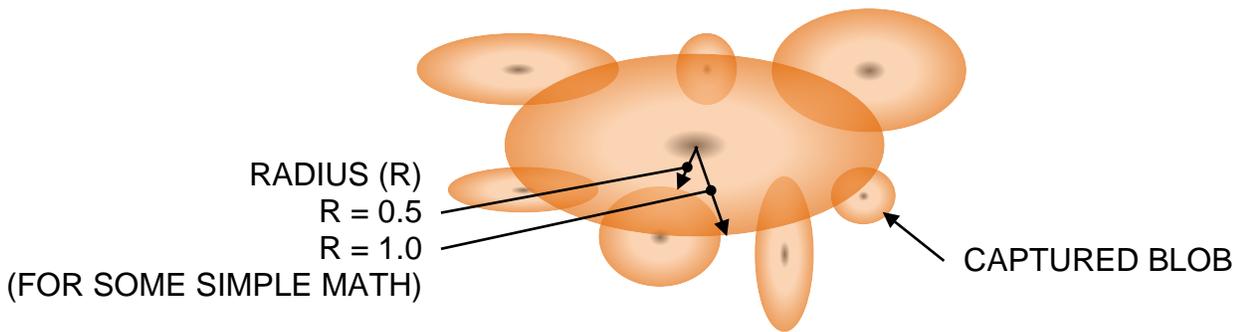
This rapid cooling can even extract heat from the core and spots of darkness pumping them ever closer to absolute zero. The cooling can cause NATURE'S Amebic Nebula to collapse to a volume less than it was before the expansion cycle, resulting in further densification of the mantle and increased impositions to pull particles from around the star formation sites.

Now I will try and draw a group of very simple pictures, which will be a 2D (sheet of paper) slice through the cloud and try and show this sequence. See Figure 3.2 NATURE'S MEND AMEBIC NEBULA – SIMPLIFIED GAS CLOUD (EXPANDING-CONTRACTING-BIRTHING STARS).

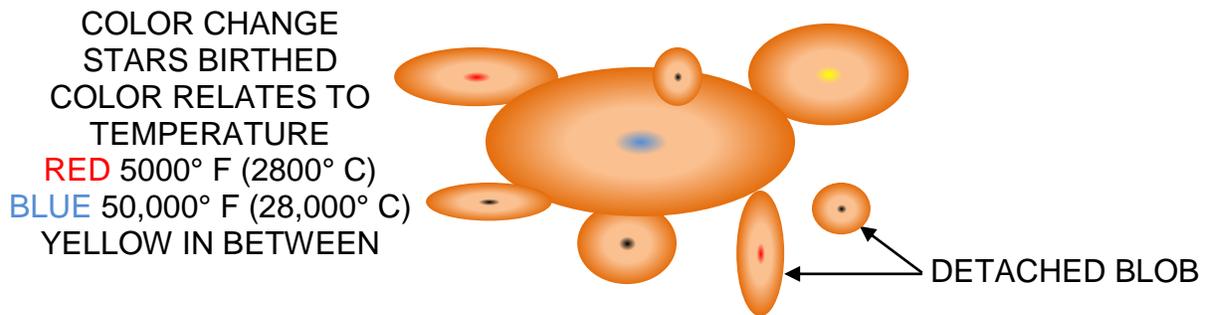
One has to recognize that this energy playground of heating and cooling– expanding and contracting [NATURE flexing HER muscles – scratching an itch] is taking place simultaneously in all three direction with several millions of blobs. You really need to go to the World Wide Web to see what NATURE can really do with colors, shapes, sizes, with HER Matter Energy aNd Dynamics. SHE has created a couple thousand (2,002 ±) of the gas cloud giants in our galaxy alone.



GAS CLOUD – STAGE ONE – REFERENCE STATE
AGE 10,000,000 [10 MILLION] YEARS



GAS CLOUD – STAGE TWO – GAS CLOUD HEATING (EXPANDING) STATE
AGE 50,000,000 [50 MILLION] YEARS



GAS CLOUD – STAGE THREE – COOLING (CONTRACTING) STATE
AGE 100,000,000 [100 MILLION] YEARS

**NATURE'S MEND AMEBIC NEBULA - SIMPLIFIED GAS CLOUD
(EXPANDING-CONTRACTING-BIRTHING STARS)**

Figure 3.2

I like to think of this process as an Outer Space anti-doughnut heat pump. When you look at a doughnut there is nothing outside or at the core (the doughnut hole). That is, we must ignore the clever marketer that came up with selling the dough that was the doughnut hole.

It is just the opposite with the RD Cloud and the process of object formation thus the anti-doughnut concept. The donut is the missing part with the outside (mantle) in a pulsating dynamic dust storm and the hole the core in what appears to be a feeble state of gravitational collapse and conglomeration.

They think the clouds are made up of hydrogen (element 1) it's a gas and it likes to blow up; helium (element 2) it's a gas but it is a loner doesn't like to mix with anything; carbon (element 6), it's a dust particle and it likes to burn more than blow up; silicon (element 14) it's a dust particle and it is an ingredient in sand; and a mass mixture of other stuff – gases, particles, elements, compounds- a regular ingredient storehouse.

The mass mixture of all of these gas-dust clouds varies depending on the age of the Nebula and how many and what size of stars (cookie factories) have formed in it. It is the stars inside and outside of the Nebula and all the other energy imposing on the Nebula that mix and bake the ingredients of the Nebula to make new ingredients and form new stars. I guess we could call star birth an Outer Space wind-sand-dust-thunder-lightning storm. I bet you there are even a few twisters; vortexes (reverse twister); hurricanes; mushroom clouds; and shock waves in them.

The mixture of these gas-dust clouds begin to age the cloud and thus age the stars that are in the cloud. Old stars are generally more massive than present stars. This may be a result of NATURE'S MEND. Early Nebula would probably only have hydrogen gas alone, which means it would take a much larger cloud to amass enough mass to form a star and thus the stars that formed would be much more massive. This might also mean that the stars near the center of a galaxy should be much older and larger than the star (sun) in our solar system. This is just another bulking opportunity for NATURE'S MEND. This works well with NATURE'S MEND Arrow of Time and stars being time posts as discussed in Article 1.

I always have to circle back and close the loop. Because of the dynamic nature of the beast with so many blobs several anti-doughnut sites can be present at once (spots of darkness throughout the cloud). These anti-doughnut sites can even collide like racecars crashing. This colliding effect can easily overwhelm gravity and result in momentum (mass and speed) energy converting to heat energy triggering a fusion reaction, star birth.

Now I think we have an idea of the shape of the cloud, its dynamic motion, and its Outer Space debris and the mechanism for development of star birthing sites. What conception happens next? We now expand the playground with mass and ingredient dependence.

If the RD Cloud is small, a few particles or even up to asteroid production, nothing much happens, it adds to the suppository for Lagrangian Points L4 and L5 (current theory zero gravity points in Outer Space). And yes these suppositories are real; they just might not be caused by zero gravity zones in NATURE'S MEND.

If the RD Cloud is medium, up to almost a tenth of our suns mass (which would be 333,000 times the size of the earth) a brown dwarf (a star without light, so it actually isn't a star, it's a COSMIC object) can be produced. This is because the distance over which collapsing particles travel is too short for velocities, and thus momentum, to reach the threshold of implosion to fusion reaction (conversion of speed and motion to heat).

You need a large cloud (mass sizes the cloud) for the expansion and contraction cycles to develop the gap (distance) between mantle and star birthing sites. It's like a bunch of racecars crashing and sticking together, chunks of junk form in short distances. Once you go beyond this mass limit stars (our bright light shining COSMIC objects) can begin to be produced. So mass has an established impact on what happens at the star birthing sites.

What does ingredient make-up have to do with it? Ingredient make up affects how much energy is absorbed and how deep the heat penetrates into the cloud. Ingredient make-up is the trigger tension (how hard and far the pull and release), called the amplitude of the oscillation frequency (how fast it cycles through expansion (heating) and contraction (cooling)). It's a wave function.

But we already have particles (the dust cloud) so the particles must come before the wave. This will be important in a later Article when the electron comes before the photon and the wave is born when they travel together in Inner Space Supersymmetry.

The higher the frequency smaller stars are formed more rapidly. The lower the frequency larger stars are formed more slowly. Remember these cycles to star formation can take millions of years.

Now there are three characteristics at play. There is that three poking its Special Nature around again. You have RD Cloud surface density, total mass, and ingredient make-up. The denser the RD Cloud blobs and mantle the more imposed energy can be absorbed with less penetration. The RD Cloud blobs and mantle ingredients can also allow more imposed energy to be absorbed. Thus the two combined increase the blobs and mantle expansion, and act in concert to pump particles to the surface and leave particles isolated to collapse to the star birthing sites.

There is more than direct gravity at play in star formation. There is a gravity power factor greater than three at play, because it seems every other force is stronger than gravity. As particles are pulled away to the surface of the blobs and mantle there pull on particles bound for the core is broken and thus the core bound particles accelerate faster to the cores. Here is where mass comes into play again. With enough mass collapsing with enough acceleration the impact at the apexes (star birthing sites) over takes all restitution (bouncing basketballs and ping pong balls) with momentum (mass and velocity) converting to nuclear fusion (heat) and all matter melts and a gas is formed and ignited and a star is born.

Let's try a little simple logical math around these complicated blob covered amebae. The volume (for simplicity the mass) can be calculated by an equation that uses the radius (half the width of a ball) and pi (π) for a perfect sphere (round ball). The two things that define NATURE'S MEND Origin Particle. The equation is as follows: volume (mass) = $4/3\pi R^3$. So for our calculation we will be fair and give the outer half of the R to the mantle and the inner half to the core. We will use $R = 1$. Because we are doing a ratio the units (inches, feet, meters, centimeters) on the length of the R are not needed.

First we calculate the total mass (volume) $4/3\pi(1 \times 1 \times 1) \Rightarrow 1.33 \times 3.14 \times 1 \Rightarrow 4.189$. Second we calculate the core mass $4/3\pi(0.5 \times 0.5 \times 0.5) \Rightarrow 1.33 \times 3.14 \times 0.125 \Rightarrow 0.524$. To calculate the mass of the mantle we subtract the mass of the core from the total mass $4.189 - 0.524 \Rightarrow 3.665$.

If we calculate the percent ratio of the core mass to the total mass we have $0.524 \div 4.189 \Rightarrow 0.125$. To put this into a percentage we multiply by 100. So the available core mass of the blobs to form a star is 12.4 percent of the total mass of blobs. However, because our gas cloud is not a

perfect sphere but can be considered a bunch of little spheres (blobs of ameba) around a main non spherical blob the mantle mass of blobs and main cloud could be a factor of 10 greater and thus the core percent mass becomes 1.24 percent of the total mass. This supports that a mass not in a sphere, but in a conglomerate of blobs reduces the number of birthing sites by limiting the areas with the required distance separation to form stars and thus reducing the mass available for star formation.

There is an old rule of thumb (good guess) in Common Space process engineering that uses an 80/20 distribution for mass energy conversion to heat energy. This means 80 percent of the mass available for star formation is converted to heat (star birth) and 20 percent is lost from the process to the surroundings. Lost being not all the dust collapses on a perfect pathway for a perfect collision to perfectly convert all the momentum to heat. Some of the dust in motion, which could have added to the star's mass, remains as dust in motion around the star. So 80 percent of the core mass makes up the star mass. But the core mass is 1.24 percent of the total mass in our amebic spheroid. So 0.80×1.24 results in 0.992 percent, or about 1 percent of the total mass going to star formation mass.

NATURE'S MEND explains with the BIG DOG scratching an itch, what Dr. Tyson et al. in current theory are uncertain about as he stated, *"only about 1 percent of all the gas in the original cloud participates in star birth, and that presents a classic challenge: figuring out how and why the tail wags the dog"*.^D

But what kind of star and how long lived?

I need to confess some of this paragraph is speculation (guessing). Like the human belly button is the star birth an inny or an outty (not to be confused with the car Audi²¹). Here comes the three again, H (hydrogen), He (helium), and C (carbon).

If the star birth is a fusion reaction with the H at the core (an inny) the core eventually burns out and the star dies.

If the star birth is a fusion reaction with the H at the mantle (an outty), then the He, and finally C at the core it can live for, well almost ever.

If the atmosphere around the star has the correct ingredients, an outty can make its own H and never die. Do they (the current theory gods) really know what kind of star our sun is?

Closing the loop on the amebic spheroid, when star formation is triggered you would have lots of little ones along with a few bigger ones and possibly one large one. Remembering here that size is relative to RD Cloud mass then little, bigger, and large are also relative. And because the pump moves mass outwards, magnitudes 10^2 , (100 times), more mass resides near the surface than at the star formation sites of the anti-doughnut Outer Space heat pump. And $1/100$ is 1%! It's just the NATURE of the COSMOS, the BIG DOG scratching an itch. Kind of like me scratching my brain, while itching my dream about the physics of the COSMOS.

After the star has formed and the gas-dust cloud begins to dissipate the current theory is the particles in the dissipating cloud begin to clump and form planets. This is how they claim our solar system developed. This will not be addressed in detail in this work of NATURE'S MEND it will only be outlined. The detail will be left for later bulking.

The one comment that I will make is that if you look at our solar system from a cross section it looks like a flying saucer discus. Thus in NATURE'S MEND the COSMOS became a flying (spinning) saucer discus UNIVERSE after the TRUE BIG BANG; the Milky Way became a flying (spinning) saucer discus spiral Galaxy after its Little True Big Bang; and the same with our solar system. Thus earth may not necessarily be a clumping of particles, but a chunk of our solar system little big bang. Earth could have shred into a sphere as it decelerated to its current twin velocities of spin at 1,000 miles (1,600 Km) per hour and orbit of 66,000 miles (106,000 Km) per hour; and was at the same time imposed on by the solar winds from the sun at up to 2 million miles (3.2 million Km) per hour.

To close, let's go back to the very beginning of the current theory and this new theory and have a farting contest. Was it nothing at all or almost nothing at all [Current Theory]; or all [NATURE'S MEND] that birthed the UNIVERSE?

If it's nothing or almost nothing at all, the little big bang would be like someone letting a fart in the physics building when you're having coffee and ice-cream in the student center of any university. There is just too big of a gap (big black void) for it to register (sink/stink in).

If it's everything, the CPE TRUE BIG BANG of NATURE, it would be like having an elephant fart in your face when you were giving them a rectal (ass) exam. It's hard just to think about it let alone deal with the stink about it.

No doubt, when one imposition is stimulated another is dulled, either over distance or just overwhelmed. As NATURE'S MEND and Her Nuclear Fusion overwhelm current theory's flop-flipping gravity in star formation and planet creation.

The Cosmos Process Engineered has possibilities beyond our senses and understanding and can mend the holes in the current theory to make it WHOLE. Even the production of super symmetric quarks-e plasma (the DNA of NATURE) where all forces are unified and from which all things precipitate (drop out and form); the strongest forces, particles, and lightest elements first and so on and so forth along the M-ENDING Force Magnitude Map of the second Article.

With expanding and new thought into the CPE and M-EnD, the GU (Grand Unification) of the COSMOS has begun and we've only swung about a third of the way across the current theory mud hole.

Thank you for your precious time and consideration of the BIRTH of the UNIVERSE and RD Cloud star formation of the Cosmos Process Engineered. I hope you enjoyed the wafting heresy. May it add a little spice to your thoughts and efforts and Life. Now the real work begins!

Respectfully,

kevin I olson

The COSMOS PROCESS ENGINEERED



M-EnD

QUARKS → SPIN → CHARGE → ELECTRON



HYDROGEN ATOM

[THINGS BEGIN TO TAKE SHAPE WITHIN NATURE'S INNER SPACE 10-Sep-07]

There will be no more heresy! It's time to begin to close the loop on CPE  M-EnD. The symbol  was crafted to represent a three dimensional evaluation over time using process engineering techniques to look at Matter & Energy in a Dynamic way (M-EnD). Therefore the purpose of this article is to present the genesis (NATURE'S Formation) of the Inner Space Origin Objects of our quark ball and electron ball from everything, in the beginning.

We will look at a quark (our basketball) and its spin letting it really spin in NATURE'S MEND. Really spinning in the "Really Real World" is the first difference in NATURE'S MEND from current theory spin but not really spinning spin. The second difference is that everything that has ever existed, existed as a gigantic particle [singular] planet in the beginning of NATURE'S MEND. Then we will look at its charge.

Then we will look at an electron (our ping pong ball) and its spin (it to really spins in NATURE'S MEND) and its charge.

And last we will look at the birth of the hydrogen atom mentioned in pervious Articles and its make-up.

This Article is the first detailed look deep inside NATURE'S Inner Space and it will be a little blurry in the beginning. But in the end, the last Article, it will be coming into perfect focus [clear – clean & sharp understanding].

This study of NATURE'S MEND GENESIS will be done using CPE  M-EnD as a basis for linking particles to planets. And we have just seen how particles relate to stars and Mass-Energy-aNd-Dynamics (NATURE'S MEND) of a gas cloud in the Amebic Nebula of the last Article.

I'm neither a mathematician nor a physicist of any sort. I am, however, attempting to be honest with my imaginary thought applications of geometry to NATURE through my engineering background. Therefore, this Article might be worth more than a good laugh by free thinkers or scoff (scornful irreverence [disrespect] or cynicism [doubting the sincerity and goodness]) by the current theory gods.

It will take me a few paragraphs to un-warp it. Sorry, I'm hung up on my story! Pardon the poetic tickle, it's an inspired pastime and provides another dimension of looking at things. I've done this since I was a child. I captured my thoughts and drawings in my first pseudo (having only the

appearance of) book when I was in High School. I've scribbled and scratched a few poems about NATURE and have included one in the Eighth Article.

At this stage in my research of scratching my brain to itch my dream I had reached the end of the first chapter of, "The Elegant Universe." I must say it was tantalizing. Though, my mushy gray matter was being dissected by two lobotomizing edges₃ (if they thought you to be crazy they use to stick a cutting edge into the lobe of your brain and stir it around to cut nerves in the brain to treat the craziness) of string theory. The subscript 3 on edges is to denote the third of six definitions in my dictionary – just some linguistic gymnastics. For how do you know what the author really meant, if you don't know what definition they're using? {edges₃ – a thin, sharp side that cuts}

We've tugged at string theory only slightly in the previous Articles. As it is the leading concept in current theoretical physics endeavors (struggles) along with extra physical dimensions (The extra physical dimensions are required for string theory to function mathematically) to try to define NATURE we will tug at it a little more.

If extra physical dimensions beyond three don't exist in the "Really Real World" of NATURE then strings can't exist. This is not my claim, but the confession of current theory gods. At least they admit they need something absurd for their absurd theory, to fit into their claims of the absurdity of NATURE.

In string theory they claim there is an object smaller and more fundamental than our quark and electron balls called a string. They claim it is a one-dimensional object that moves back and forth and twists and turns. Remember an object in 1D is really 0D: it's imaginary. They claim the oscillations (jerking rubber band back and forth) and the winding (twisting and turning rubber band) effects of their one dimensional string cause the size and energy of everything. They are still stuck on everything coming from nothing in this new string theory.

And here is where I ran into trouble; their jumping dimensions in their theory from 1D to 2D to 3D based on the "Flatland" fallacy (untruth) of being able to see two dimensions in 2D Land.

Mr. Abbott in his book Flatland used extra impositions such as fog and rain to allow for depth perception and direction in 2D land. When in the reality of the "Really Real World" only one dimension, 1D length is viewable in 2D land. He admitted he was doing this in the beginning of his book. "Nothing was visible nor could be visible to us except straight lines." Why don't the gods of current theoretical physics tell us this when they write about it. Because it road blocks their extension into additional physical dimensions beyond 3. Chapters 1 & 2 of Flatland cover this quite well along with his introduction of the first additional imposition of an attractive force to the South. One could call this force 2D gravity.

Let's work on their string in the "Really Real World" of NATURE at play in a true 3D way! Remember, Lisa in her book "Warped Passages – Unraveling the Mysteries of the Universes Hidden Dimensions" admitted near the end that everything looks 3D over time in NATURE. By the way the mysteries were never unraveled by Dr. Randall.

How many have we unraveled in the first three Articles of NATURE'S MEND? At least one, star birth! And in NATURE'S Outer Space reality, particles making up gas clouds are required in the beginning before a star is born. Why not let everything come from everything in the beginning of the Universe before it Big Banged?

If a string is truly one-dimensional and in one-dimensionality zero dimensions are viewable then only a point exists and it cannot oscillate (stretch & relax) or wind (twist & turn). Some will argue a string (literally a piece of thread) is one-dimensional based on length. And so it is if you ignore the diameter of the rope. For a thread is a string, a rope, a line, it is just a very, very, thin, thin, line. Their string line has a diameter way larger than their quark ball, which is 10 times larger in diameter than their electron ball. That's right, in their string theory quarks and electrons are point particles and don't have a diameter so they are not really anything at all and that's why they don't actually spin. Again, they want everything from nothing. I don't recall NATURE or GOD ever using strings.

When they ignore something NATURAL, to aid their understanding because they can't grasp it in NATURE'S 3D playground, means they have left the reality of the "Really Real World".

Let's stay in NATURE'S 3D land and play with this string theory.

Thus to oscillate it must exist at a minimum in two-dimensional land as a straight line, a string. However, in two-dimensionality only one dimension is viewable, thus a string is a line and is always open. They claim in string theory the ends of the string can link and form a circle (be closed and you have a closed string). Remember a circle is just a straight line in 2D land. You need to be in 3D land to see the circle. Thus in 3D land the string must also have some thickness or it is nothing at all.

Their open strings can be mathematically allowed to become longer or shorter in length. Their closed strings are allowed to become bigger or smaller in diameter. They can be mathematically allowed to do this very quickly adding time to the mathematics. So mathematically PHD gods can make open strings oscillate back and forth, and closed strings oscillate in and out. But you have to be in 3D land to see this effect, which means you must also do your analysis of it in 3D land if the theory is to hold water (be part of NATURE'S MEND) in the "Really Real World".

"Yep", they have a rubber string band living in 2D land. It can't play music, but in can do everything else. Yet, Dr. Greene says a string is like an infinitely thin rubber band. Thus, strings must be three dimensional at a minimum with one infinitely small dimension. And we're back to that spatial special 3D in NATURE.

I don't care how small you make one or two dimensions of a 3D object. For that matter make all three infinitely small. They still exist and NATURE will make use of them and abuse our ignorance. HER oysters make pearls for HER from an infinitely small grain of sand. So a string is three dimensional, it's not a straight line, and it has some diameter.

Their strings are like one of those wavy 3D plastic straws, but in their case it's the sucker, one of those microbes (teeny tiny germs) would use to drink your health and make you sick. This does agree with what they want strings to be though the hole in the straw is very, very, tiny, tiny.

Here is a little Common Space play: you could suck on their string straw all day and never drain that cold milk away. I like really cold milk with my chocolate chip cookies so you won't see me using any string straws day to day or in this theoretical play.

There is one additional quandary I have to dimensionality of string theory. With the string oscillating back and fourth – in and out – and twisting about (spinning), there exists a condition when the frequency (how fast the rubber band oscillates) and amplitude (how much snap is in each oscillation) and its spin are zero regardless of its dimensionality, whatever that may be. [10, 11, 12, 13, 26, 52 – maybe an extra dimension is a week and there are 52 in a string year.] LOL.

It's that wave function again. Though we now know the particle came before the shock wave for star birth. We just aren't sure about this string, line, tail in current theory. They must be stuck on the tail wagging the dog (everything from nothing) from their view of how gas clouds produce stars.

This zero condition would be the state where the string is at rest. At zero frequency, amplitude, and spin the infinitely thin string becomes a point of no thickness and thus exists as nothing, no matter how many dimensions you want to wrap or warp around it. If strings can exist as nothing, then everything came from nothing in string theory and we are back to a creation basis for the COSMOS. Their father god Higgs Mechanism must be a bunch of connected dancing strings.

Even anti-matter can arise if the string frequency, amplitude, and spin can go negative as they pass back through its point nothingness. And thus it really is a super theory of strings. And actually the PHD gods call it Superstring Theory.

Add extra Dimensionality and you have an STD (Superstring Theory Dimensionality)! I don't care what kind of STD it is; it's not something I want to play with. Talk about an Immaculate Conception! More so, talk about an IMMACULATE BIRTH: everything came from nothing! What a virus!

It seems to have infected and mutated all intuitive common sense thought into a dark world of extra dimensions, branes, bulks, and incredible hulks. And they are looking for what they call the Higgs mechanism particle or what some have dubbed "the god particle". It's just more religious overtones of the COSMIC Creation Story. But they claim to have found it in July of 2012 and the Mayans said the world would come to an end in December of 2012. I guess they had to find it before they died. Its 2014 so it looks like the Mayans missed the mark, or we are in the dark about how to interpret their calendar, like current theoretical physicists are in the dark about what they are seeking on atom smasher detector films.

Popping into BULK₃ for a moment even the ONE & ONLY GOD needed a virgin for HIS Immaculate CONCEPTION & BIRTH on earth story. So there is more of NATURE'S MEND in "the old book" of Moses than there is in current theoretical physics. And there are several other examples of NATURE'S MEND in "the old book". If GOD exists, HE follows NATURE. So in the case of this work of NATURE that reversed saying of, "There is a GOOD MAN behind every GOOD WOMAN" could hold true.

Something's missing in Superstring Theory! If we put a small dimension on the rubber band, then at its lowest energy potential (no motion no length no spin) it is a point with a small radius, which is a particle and we're back to the standard 3D model of particles: of quarks and electrons.

But, the consensus among all in the know (The PHD gods of current theory) is that something's still missing from particle physics. And a "CRAZY – Gnarl's Barkley" man from the outside with CPE $\bar{\nu}$ M-EnD, a Cosmic Stew Pod, and a SUPER TRUE BIG BANG of a SUPER BIG ORIGIN PARTICLE with all kinds of massive mass and spinning comes swinging and twisting along.

Will they dance with me or will they throw me out of the club. Though, you may think me to be literally crazy. I guess I have to get into the club before I can find some one to dance with. Dance here meaning have an intellectual (brainwave) thought exchange. That's why I like the song "CRAZY", it is rather definitive on ones mind being at the outer edge₂ (the extreme border or margin) of thought! When you lead where no man (male or female) has lead before, it is often called the cutting edge and if you press far enough it's called the bleeding edge. "edge" here is covering all six definitions for a noun in my dictionary.

I think we can say theoretical strings have been strung up to twist in the WIND (SPIRIT) of NATURE'S MEND.

Please indulge me for a little longer, before I dance with the basic particles, the DNA of NATURE and ultimately the COSMOS.

Let's take an internal look at the Cosmos Process Engineered in the beginning: inside the Origin Particle. All matter in the UNIVERSE being contained in the Origin Particle, SS₁CME₁ (The First Super Sphere containing all Matter and Energy of the UNIVERSE) was so huge it put the core at temperatures and pressures beyond estimation and maybe even calculation. We know this core pressure and temperature effect is seen in a miniscule (very small) way in Outer Space from our Common Space with the formation of stars.

A rough shot is that it would be like having a sextillion-ton elephant sitting on your face. I think we can agree that it would be the extreme of extremely hot and compressive. You would go where no man has gone before! You would have even gone way beyond the conditions of star birth.

To put a number to it would be somewhat meaningless, so I will for arguments sake put a magnitude to both of them, that being Planck Scale mass. This put a condition at the core where nothing can exist, a state of temperature and pressure that nothing can penetrate, or that everything has evacuated; the core is hollow or at most a highly compressed gas beyond the fusion reaction of star birth.

It remains a gas because it is so damn hot, probably even hotter than hell. And gravity: can it originate from nothing? NO! It may act like it does, but it can't. So what we see in gravity can't really be! And that's left for an Article dedicated to gravity and what it can be.

Let's look at a picture of this Origin Particle for a third time before I use 1000 words to explain it in detail. It will be a paper-thin cut through the core (The very center). I will still use the words to explain it. The intent is to have the picture in one hand and the written explanation in the other. So make a color copy of the picture and look at it as you read along. See Figure 4.1 SS₁CME₁ CROSS SECTION (PRE TRUE BIG BANG).

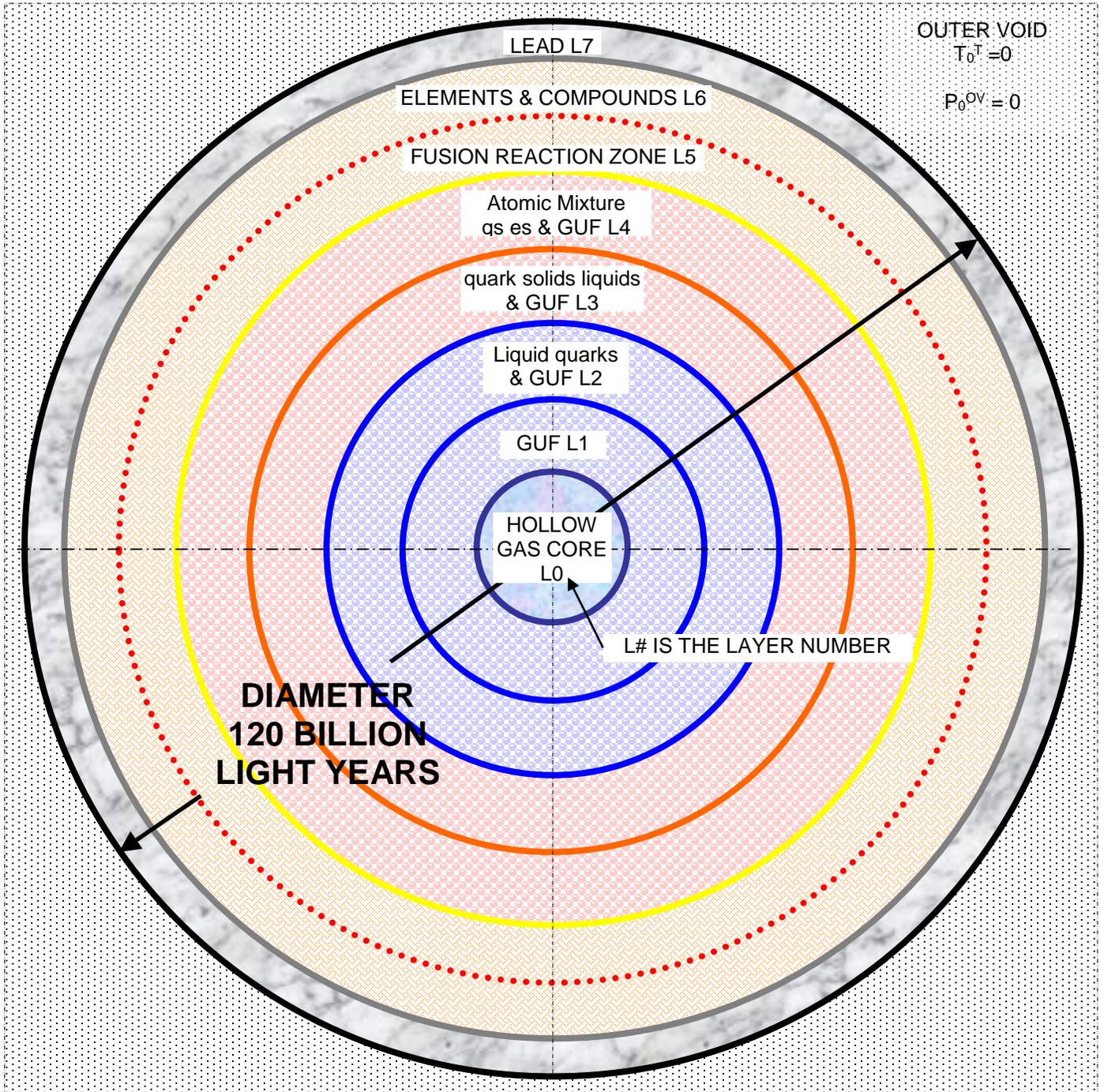
We will begin at the hollow gas core, that I will call L0 (Layer 0) and work our way out. It's really not a layer for it doesn't cover anything, but it could have substance and not be empty. Also this allows the first true layer to be called L1. So in the beginning there was an Origin Particle with a hollow gas core. The gas core is then wrapped in a layer [L1] of fluid that is only distinguishable by temperature and pressure, a fluid where all particles are unified thus forces are unified in this liquid state and maximum density occurs. Would it be of Planck Scale mass density, or beyond?

So both theories have extreme density in the beginning. This is more common brush strokes, but in this case, completely different colors, light and dark, white and black. With white being visible and understandable and black being dark and hidden as it is with their dark matter and dark energy and extra dimensions and even their simple black hole.

Current theory density comes from invisible massiveness.

NATURE'S MEND density comes from this OP of Planck Scale mass and volume to the power of Planck Scale mass and more because we are just outside the core. Because our basic particles are a quark (q) and an electron (e) and they are joined completely in this fluid, I have dubbed^{1(1&3)}

QUARKS → SPIN → CHARGE → ELECTRON ↓ HYDROGEN ATOM



**SS₁CME₁
CROSS SECTION
(PRE TRUE BIG BANG)**

Figure 4.1

(give a title to or name or call) it a GUF (Grand Unified Fluid). We don't have the GUT (Grand Unified Theory), but at least we have the GUF in the gut of NATURE'S MEND, in the belly of the beast, inside HER Origin Particle. I called it a beast because of its massive size.

Now for a little linguistics stray. In my dictionary dubbed has five primary categories having a total of 22 definitions. The last category, being specific to Scottish linguistics, is very applicable to current theory. Dub⁵₁ – A muddy or stagnant (lacking motion or current) pool. Remember they say it looks like their particles have motion (spin), but they really don't have spin.

Here is a little more linguistics play: I dubbed¹_(1&3) it, current theory dark mud hole, in the last article, when I could have dubbed¹_(1&3) it a dub⁵₁. For their theory is lacking "Really Real World" motion, for its particles really don't spin.

Though they are trying to dub⁴₂ (add sound) to the darkness of their Inner Space theory by plucking their string so it will be in harmony with NATURE and the way SHE plays and orchestrates. And the BS pile grows higher and deeper with their PHDing, and the TRUE reverberation (the act or fact of echoing back sound) of NATURE is slowly being smothered. This is all because these Doctors (PhDs) of current theoretical physics want to be gods, with their god particle. This is not unlike the leaders of religion lording over their worshippers.

The GUF of this new theory is giving some guff (back talk, lip) to the current theory fluff (ignorance – lack of basic understanding) about the GUT. This GUF wants to be a vapor (core gas), but the core pressure and outer mass compressive force inhibit transformation (keep it from happening) because it is just too hot.

It's like really cold water wanting to be ice (a solid, a particle) but the pressure doesn't allow the phase change. It's just old physics of Common Space material science of Temperature-Pressure-Transformation between two phases of the three phases of gas, liquid, or solid of a substance. There exists a point in substances that all three phases can exist in equilibrium called the Triple Point.

Here is a Common Space example using the pressure temperature phase-ology of water (H₂O). You can't skate on ice, but you can on a thin film of water. What you thought you saw was not what was really happening even though it was and is called ice-skating. The weight of the skater on the thin blade of the skate causes enough pressure on the solid form of H₂O (ice) to transform it from a solid to a liquid. And the skate glides on the thin film of water between it and the ice.

In our case, the core pressure and temperature are so high the only phase present is a gas and it pushes out and the solid crust pushes in and a liquid layer is formed in between.

Now we are going to play with some fluid and thermodynamic effects.

But before we do that here is a little example and experiment you can try at home or at work, at play anyway. Take a glass half full of water and add some rocks, pebbles, sand, and dirt. This is the recipe for a simple cup of a cold GUF martini; shaken or stirred it really doesn't matter for this matter.

What happens when you stop shaking or stirring?

The biggest and heaviest things drop out first, and then the next and so on down the line in size. An added factor of solubility (how well something dissolves into a liquid) keeps the dirt suspended for a very long time. I bet even after a year you would be hard pressed to find some one

to take a drink of this martini. Even if Dean Martin were alive today I don't think he would even take a sip. Dean was known for liking his martinis.

As we move out from the hollow core and through the pure unified liquid GUF we cross over a precipitation boundary, where things begin to drop out of the solution of pure GUF and we have liquid quarks in GUF in L2 (Layer 2). This zone is then a solution of liquid quarks and GUF so energetic that the Q's lack any rigidity and thus never bind with each other. They are on the edge of losing solubility.

As we continue our journey from the core we now pass by the first particle formation zone. We now have a solution state of quark solids, quark liquids, and GUF in L3. As the quarks lose their solubility and drop out of the GUF they develop an inherent spin. The pulsating of the core creates a wave function and balls form and spin.

Yes, you could say, I endowed it (to give from birth; provide with some ability, quality, or talent) with spin. We will have to wait and see if NATURE has a process to actually make it spin. It's just a challenge if shown before the end of this work adds TRUTH to the proof (Written explanation for something – A new theory) of NATURE'S MEND.

This spinning activity then induces a stirring of the entire fluid and ultimately a spin on SS₁CME₁: NATURE'S MEND Origin Particle. This may even tie to other COSMIC rotations and effects without gravity. It's just a challenge to be conquered.

As we cross the second particle formation zone we have quarks in abundance, however the remaining liquid blocks their joining. And electrons begin to precipitate out of the remaining GUF. We now have an atomic mixture of quarks and electrons and GUF in L4.

We then enter the third formation zone, where things begin to come together, which will be detailed later in this Article. This zone is the fusion reaction zone L5, where atoms form and the liquid has become ooze.

It's intriguing to consider that it takes a fusion reaction to shield the core and first four zones of the deepest Inner Space of NATURE'S MEND. It is noted that at the internal surface of this fusion reaction zone a temperature discontinuity (a sharp change versus gradual) occurs. The temperature increases abruptly at this point because of the exothermic (heat releasing) Nature of the fusion of hydrogen over powering the pressure at this level.

The transition temperature of L4 to L5 could be around 10 trillion degrees F (5.6 trillion degrees C). The transition temperature to the L6 would be star formation fusion energy level around 10 million degrees F (5.6 million degrees C) or about 1000 times hotter than the surface of our sun. This means there is a temperature multiplier of 1 million from the inner surface of L5 to the outer surface of L5. The evaluation and detailing of this is outside the scope of this work: another challenge!

Let's finish our journey to the surface of our Origin Particle SS₁CME₁. We now enter the zone of elemental formation L6. As atoms fuse and elements of all kinds are taking shape moving up the periodic table (a table in chemistry that lists the simplest to most complex elements by number. There are over 100 elements.) and towards the surface of the OP there comes another discontinuity boundary in temperature. Up pops a quirky element, iron (element 26), and the fusion becomes endothermic (heat absorbing). A cooling zone has emerged.

As the temperature now begins to drop we climb from element 26 (iron) to element 82 (Lead) where things begin to solidify. Our progression out stops as an external containment shield is established and is the crust of SS_1CME_1 as Lead has formed and solidifies and forms L7 a Lead skin on the outside of the SS_1CME_1 . L7 can also be considered LORD of 7: GOD with 7 SPIRITS, but that relates to BULK₃. Maybe there is a link with GOD Sprinkling a little bit of HIMSELF into NATURE – The GOOD MAN behind the GOOD WOMAN!

Interesting that Lead is the last of the known elements with a magic number of protons – neutrons and that it can block radiation. The magic number relates to what is called enhanced nuclear stability. They think there is another element with a magic number of 126. They had results indicating that it might be present in 1976 on the island of Madagascar. As of now [Jan-2014] it [Unbihexium] is still undiscovered. Wonder why? NATURE'S MEND will give you a bird's eye view in a later Article.

NATURE'S MEND has an enhanced nuclear stable crust covering HER Origin Particle. The malleable and ductile nature of Lead allows it to be permanently stretched without breaking. However, as you approach an absolute temperature of zero even Lead has its limit.

Then one more stable element and a host of unstable ones form under the crust of the Origin Particle SS_1CME_1 , within its Lead shield sucking all the heat from Outer Space and driving it to absolute zero. And at absolute 0 temperature the entropy is zero and the pressure is zero in Outer Space and it becomes the Outer Void.

We have now established the detailed written description of the Origin Particle (OP). So what is Outer Space of the Cosmos Process Engineered at this time if all matter is contained in the Inner Space of the OP and this Outer Space is at a temperature of absolute zero. Outer Space, completely empty space, where there is no pressure (not called a vacuum because no reference exists to define a vacuum), and the temperature is absolute zero. And it remains at that pressure and temperature because it is shielded from the internal energy of SS_1CME_1 by the Lead crust of SS_1CME_1 and all the endothermic fusion (heat absorbing) of all the elements forming above iron. Outer Space is void of everything and thus does not exist.

This energy absorbing element construction capability involves 75% of all the elements and about 94% of all elemental mass. Because of this shield, radiation of any form cannot escape so no light is visible and our Origin Particle of COSMIC cookie dough is in the dark as observed from the outside.

There are two things present at this time: the BOSS (Beyond Outer Space Space) because Outer Space doesn't exist yet, and the Origin Particle. There could be a third, and that would be another BOSS, which would be GOD. This makes the beginning of Genesis interesting to read:

“In the beginning when GOD began to create the heavens and the earth. The earth was without form and void (didn't exist), and darkness was upon the face of the deep; and the SPIRIT (WIND) of GOD was moving over the face of the waters. And GOD said, ‘Let there be light’ and there was light”.

Maybe the light on the first day is from NATURE'S TRUE BIG BANG?

We now have a spinning behemoth (massive mass of super Planck Scale mass) pulsating internally with the Energy & Dynamics of Matter production encapsulated in Lead. This pulsating effect is representative to something that is also related to star birth and star death. If you research a

little about stars, you will confirm this. The distance that matter was collapsing from Outer Space and the amount of matter collapsing overwhelmed star power and encapsulated it in a cocoon in the OP.

Oops this requires that the Universe was spread out before it came together. Or just maybe the HANDS of GOD formed the FIRST Origin Particle of NATURE, and HE lets HER cycle over and over again and again. This makes for more interesting reading in the Old Book. If you want you can look for it, I won't take up time and space to detail it here.

How long would it take to reach this state, and for how long could it contain itself? Would it come apart after 100 billion years or 100 trillion years? Or maybe it's in a year?

If NATURE can't contain a fusion reaction, do men have any hope? From the 120 billion-year age estimate of the COSMOS from this theory, the 100 billion years of containment leaves 20 billion years for the COSMOS to evolve. That's close to the old 80 – 20 rule. And what is the current age estimate for the UNIVERSE (around 20 billion years). I'm blowing the BS here!

Will we ever be absolutely sure of ourselves? The answer is not likely! So a better question is; can CPE ∇ M-EnD provide more surety by answering more questions than current theory? And we come back to the heart of this article; putting an end to the heresy by matching some more of today's Common Space understanding and filling in some more of the blanks (quandaries - mysteries) of current theory.

I will be trying to explain the mysteries that haven't been unraveled by anyone.

CPE ∇ M-EnD has presented a solution for particle to planet M-EnDing, encapsulating all the nature of Matter in the beginning. And it has been done without extra dimensions or warped theories. And without extra dimensions there will be no strings attached. It is simple, elegant, and natural.

The first step in putting CPE ∇ M-EnD to the challenge is to dance with the most known basic building blocks of quarks (our basketballs) and their quirky spin and charge.

To do this we have to re-enter SS_1CME_1 to the third formation zone L4 "Atomic Mixture qs es & GUF", where quarks start to come together. The quark being the heaviest and largest of NATURE'S DNA particles it will be the first to precipitate out (It's the NATURE of fluids and solids in solution) under extreme pressure and temperature.

What would a quark look like and what would be its properties? The most compact and stable spinning object in NATURE is a sphere. The shape of a quark is a sphere, a point like object because it is so small, not because it has no diameter.

We have already established that it has spin and thus it being the first object of NATURE it will be given a unitized spin of 1QS (1 Quark Spin). We have not yet set the speed of this QS. To do this all we need to do is add a time reference. And that will come at the end of this Article in a postscript.

Let's play with spin for a little bit because it is vital to this new theory of NATURE. Vital meaning it dies without it. And maybe that's why current theory is dead. They say they need spin, but in their theory it's not really spinning. In this theory I've given it spin when it precipitates or comes out of a wavy solution. Some current theory gods and others will think this is a cheat – fudging. I admitted that we would have to wait and see if NATURE really spins it.

I think my application of spin to quarks is sound (on solid ground) with logical simplicity. And here's why! A precipitation event, crossing over from a fluid to a solution of fluids and solids is like a ramp. Pour a liquid on a ramp and it runs down the ramp. Pour a liquid with little spherical solids (quarks) in it [cold GUF martini] down the ramp and the liquid runs down with the solids in it. However, when we look closer at the solids they are rolling (spinning) down the ramp in the liquid that is running down the ramp. So spin is naturally induced when solids precipitate out of fluids on a wave and form a solution of solids and liquids. This can be seen in NATURE with ice balls forming on the Great Lakes as the wind forms waves and the temperature drops and particles form spheres of ice. And we have a wave function and dropping temperature between L2 and L3.

If you recall, it was this rolling – spinning event that causes the long run out landslide to travel further than a gravitational slide. So this rolling spinning action occurs in Inner Space as well as Common Space, and maybe it drives Outer Space and the formation of the UNIVERSE. Spin and its effects on the formation of the UNIVERSE and Outer Space will be discussed in later Articles.

Now the question is how much spin and how fast. I've assigned a value of 1 QS. What is 1 QS really? The "Q" is for quark and the "S" is for spin. Because we don't know how fast the spin is I've left off the unit of time.

When we add time to spin we have some common measures we can use. One measure is called RPM (revolutions per minute); another is RPS (revolutions per second).

What is the Earth's Spin (Rotation on its axis)? It would be 0.00069444444 RPM. Not very recognizable so let's put it into a term of 1ES (One Earth Spin). We take Earth's RPMs times 60 minutes per hour and then times 24 hours per day and we have a unitized Earth Spin of 1 ES or 1 RPD (revolution per day). And this does not quite match NATURE'S PERFECT Spin of earth so every four years (1460 revolutions) man has to add one revolution and it's called leap year. And man has to make another correction but I can't remember if it's every 4,000 or 44,000 years or something else. I think they take away time.

What this really shows us is that we can unitize any spin (have a spin of 1) for any unit of time.

It's like calculating the spin of a basketball on the tip of a Super Stars finger. A guess is 1 BBS/(1/10 TH of a second) or 10 RPS. BBS stands for Basket-Ball Spin.

The only unknown about 1QS is what the value of time is for one revolution of a quark. Thus it could spin very, very fast. It could spin so fast that we can't see it spinning. This condition is made even more difficult because the quark is a very, very, tiny, tiny particle.

They speculate on its existence through atom smashing data collection and interpretation of cause and effect. Though we know in the "Really Real World" it acts like it spins. But in current theory they say it doesn't really spin. And in this new theory I say it does and have shown it can.

By the end of this work, if NATURE has a process that naturally occurs and induces the spin another of the current theory quandaries is concurred and NATURE'S MEND begins to fulfill the T.O.E. (Theory Of Everything). This is a second grand prize to the GUT (Grand Unification Theory) that we have just shown to be rooted in the GUF [Grand Unified Fluid] of NATURE'S MEND Origin Particle.

On we go with NATURE'S SHOW.

Likewise something spinning in something else (quarks in GUF) builds charge and thus our quark will be given a unitized radial charge of 1QC. Unitized, here meaning 1 and radial meaning measured from the center or core to the surface.

For example if we blew (expanded – magnified) the quark up to the size of a basketball and set it on the table with it spinning we could measure the total potential of it. We would measure from the tabletop to the top of the basketball and we could say we have 1BBC (1 Basketball Charge). But this charge is across the diameter of the ball and not the radius. Or what I've called a radial basis. This is a limiting failure of man and his inability to measure charge of something spinning. They can't measure something spinning from the center to the surface; they have to measure it across the diameter.

We know it takes 2 radii to make one diameter. We divide 1BBC by 2 and we have 1/2 BBC. However, this can be unitized to a radial charge of 1 BBC_R. We just add the subscript "R" to establish our point of reference being from the core (center of the basketball) or on a radial basis. And 1BBC looks like 1BBC_R and you think something has to be wrong.

Let's test it. To get a total charge from a radial charge we multiply by 2 (2 radii for 1 diameter). This results in a total charge of 2BBC_R. But because total charge can be unitized to diameter by 2 radii we divide the total radial charge of 2BBC_R by 2_R and we are back to 1BBC_D (The "D" is for reference to diameter). So we can use 1BBC_D or 1BBC_R as long as we keep in mind our point of reference.

All of my work will be based on a radial reference and the subscript "R" will not be used. We just have to remember that in Inner Space our reference view will be anchored at the center (the core) looking out. And all we have to do to get back to 1QC is divide 1BBC by the magnification from a quark to a basketball. By the way this is a very huge division.

This means that the total potential charge of any one quark is 2QC. This is different than what is currently expected but then currently quarks never spin and are never alone. What happens when they dance (spin) together? We do know they like threesomes.

Now that we have something three-dimensional spinning with a charge we need to set what is called a handedness orientation. For convention sake we will use what is called right handedness. To aid in understanding handedness and specifically right handedness we are going to do a little basketball exercise.

Imagine setting our basketball on top of the table again. Now imagine poking an arrow up from the bottom of the table through the center of our basketball and sticking it straight up out the top of the basketball. Now take your right hand (open not in a fist to punch me for this ongoing explanation) with your thumb up and put it next to the arrow on the right side. A pen or pencil standing on your desk will work as well for an arrow if you don't want to damage your desk and flatten your basketball, or if you don't have an arrow and/or basketball.

Now if you curl your fingers around the arrow they curl counterclockwise (CCW) when looking down on the arrow (tip of your thumb) from the top of the table.

Counter clockwise is an old term used before digital clocks were invented showing the actual time in numbers: i.e. 5:30 AM. You use to tell time by reading from a round object hanging on the wall, with numbers 12-1-2-3-4-5-6-7-8-9-10-11 in a circle and three spinning pointers called hands. A short fat slow pointer was for hours. A longer thin faster pointer was for minutes. And a real long

skinny very fast pointer was for seconds. The hands moved from 12 at the top to 1, which was at the right of the twelve and so on and so forth until the hands passed by the 12 again. The motion of the hands was called clockwise (CW) movement.

I'm showing my age with this example and in real life with my gray hair, but it is interesting to note how technology has changed our view of Common Space as much as it has for Outer and Inner Space. See Figure 4.2 Old Time Wall Clock.

When something moved in the opposite direction of the clock hands, it was called counterclockwise (CCW) movement. Your fingers curled around the arrow in the opposite direction to the old time clock hand movement, and are noted as counter clockwise rotation.

After all of this we now have an analytical basis of spin, charge, and handedness (that spatial special three) for looking at the first subatomic particle (the quark) of the Origin Particle of NATURE'S MEND. Let's draw a picture of this single quark standing alone. See Figure 4.3. We see one quark spinning with a right handedness vector (pointing direction). Could there be anything more simple, elegant and Natural for NATURE'S DNA (first building block) but a spinning spherical particle?

The FIRST Quark: simple, elegant, and naturally free to move and orbit in any direction and about any axis while conserving everything about itself.

What happens next?

Two quarks must bump into each other. Why, because of the utter internal chaos in this precipitation zone they are bound to collide and come together. They become the first identical twins. See Figure 4.4 Two Quarks.

At this point it may seem like I'm force-fitting NATURE to my theory by having perfect alignment of two quarks. Let's consider for a moment, spinning charge in the broad sense without the details that will be developed later in this Article.

We have discussed one natural thing with charge is that opposites attract. Let's look at Figure 4.4 again. Is there anything opposite about our Inner Space of these twins? Yes, their handedness pointing arrows are pointing in exact opposite directions. Thus their spins are in opposite directions. And as we have said motion (spin) relates to charge, not only in this theory, but also in the "Really Real World" of NATURE'S Common Space.

Because their pointing arrows are opposite there charges must be exactly opposite. They will attract, pull together, just like magnets of opposite poles without me imposing anything.

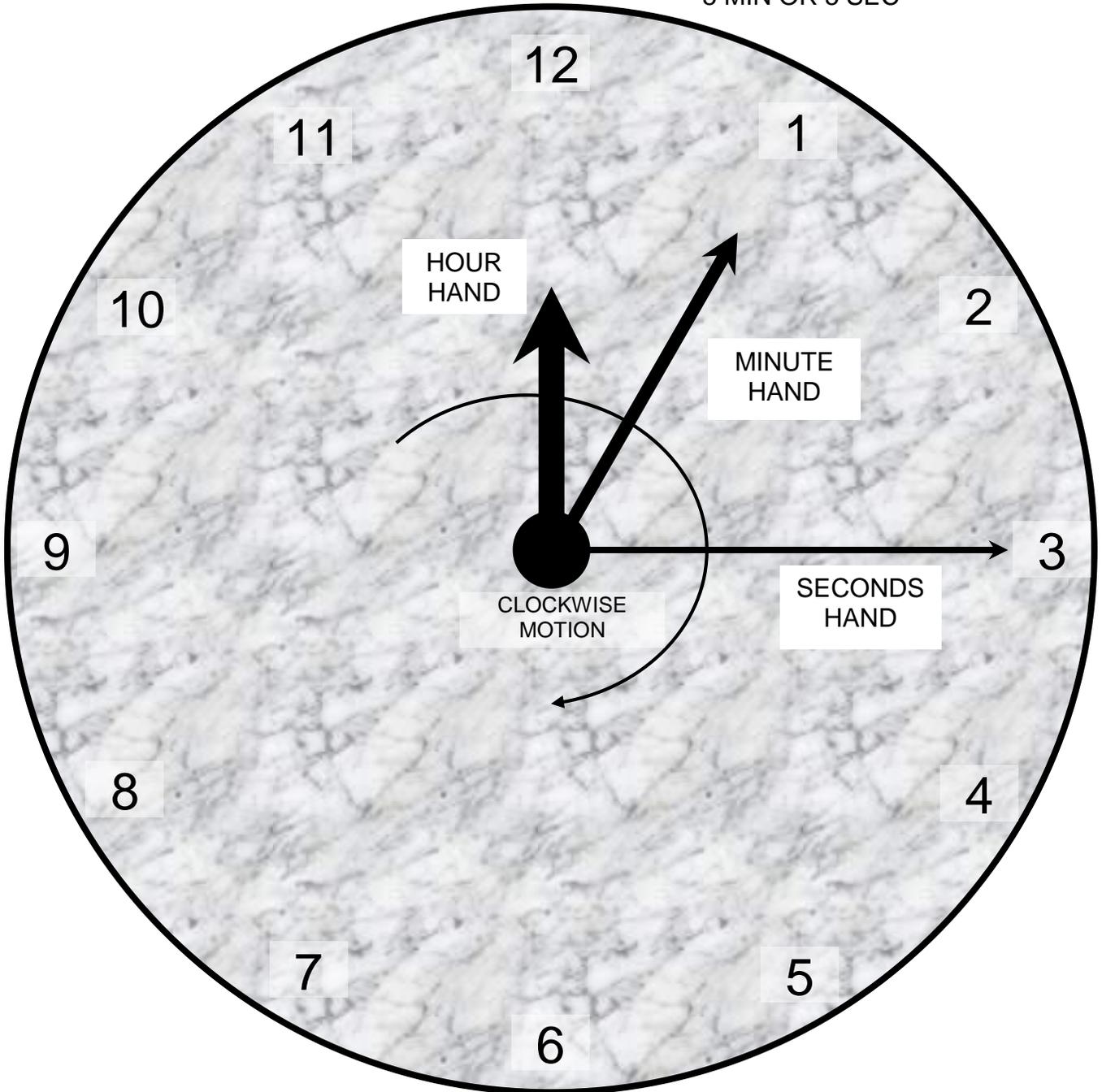
Magnets are a Common Space example on NATURE'S Inner Space play with quarks. Randomly throw a bunch of magnets down in utter chaos and they will realign themselves and come together if they are close enough.

The GUF keeps our quarks close enough for this kind of stuff.

Just maybe we will discover that there is a greater connection between charge and electromagnetism at this deep Inner Space level. So in NATURE and especially within deep Inner Space it may look like things happen on a random chance (probability) as they guess in current theory, they don't need to and don't with NATURE'S MEND.

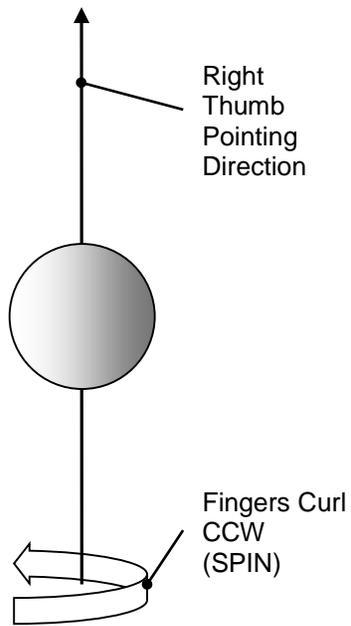
QUARKS → SPIN → CHARGE → ELECTRON ↓ HYDROGEN ATOM

EACH HOUR TO
HOUR SEGMENT
IE 12 - 1
IS EQUAL TO
5 MIN OR 5 SEC



OLD TIME WALL CLOCK

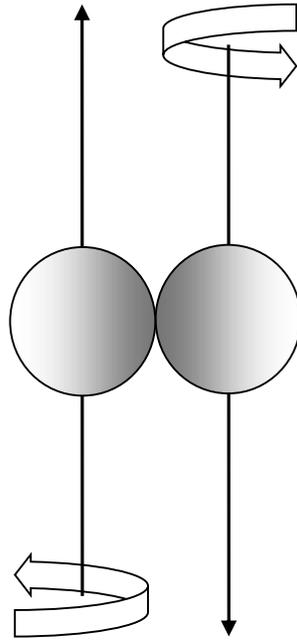
Figure 4.2



The FIRST Quark

Figure 4.3

QUARKS → SPIN → CHARGE → ELECTRON ↓ HYDROGEN ATOM



Two Quarks

Figure 4.4

It's NATURE at PLAY in a 3D way. It's only in BULK₂ where the random probability of chance comes into play. Will that dog wagging its tail bite me? Or is the tail wagging the dog and not going to bite me? Enough about dogs and tails and who is wagging whom, let's get back to NATURE'S MEND PLAY in a quark-e way.

This pair of quarks is still simple, elegant, natural, and conservative. They are free to move. However, their orbit is restricted to their point of contact. The vectors of handedness remain parallel, however pointing in opposite directions: a mark of conservation and radial symmetry allowing each quark to spin at its maximum speed of 1QS.

Any lateral movement or torsion of the vectors would weaken or break this electrical bond. It would break symmetry and cause a change in spin and charge. Thus, both spin and charge are conserved and remain at 1QS and 1QC.

However, there is an inherent instability with this configuration in that either quark can roll about the other while maintaining pointing vectors in a parallel state. Nature does not support instability and will naturally process to stability. SHE will alter energy states to do so: as observed in the Avalanche Principle.

Now things become a little more complicated and process engineering dynamics begins to peak out as NATURE works for stability. A third quark joins the particle dance and three quarks make a trifoliate of quarks (One in three – Three in One). This trifoliate condition of three in one can be seen in Common Space NATURE with the clover plant, and sometimes this plant has four leaves, and it is called a four leaf clover and considered a lucky charm. And in Inner Space when we have three and add an e we have four and a lucky charm of NATURE, HER first element, hydrogen.

Look at Figure 4.5 Three Quarks A Trifoliate makes a P or N. Each quark keeps spinning in a right handedness configuration, but the pointing vectors are no longer parallel. Keeping our Inner Space point of reference at the center puts us in the hollow core of the quark trifoliate. The three vectors have been torqued out of parallel alignment and point to indicate a clockwise rotation direction on the quark trifoliate [QT]. We will have to do some more work on this QT to see if it conserves energy, spin, and charge.

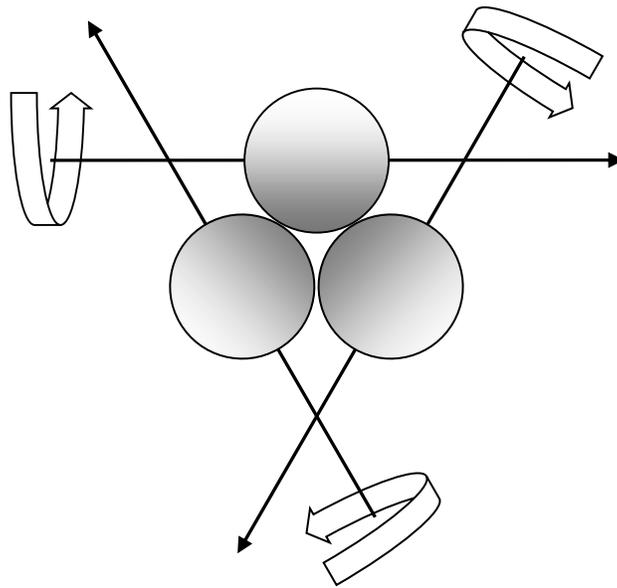
With the joining of three we have our first atomic construction. We have a start to the nucleus (core) of an atom. An atom's nucleus in current theory is made up of what are called protons (P) and neutrons (N) each of which have three quarks. The charge on a proton in NATURE is known to be 1 and the charge on the neutron is 0. At this point we don't know if we have a P or an N, but we will before the end of this Article.

Continuing our analysis we maintain NATURE'S conservation of motion, which means that a change or loss in spin and charge has occurred in individual quarks due to the twisting of the pointing arrows (vectors) out of parallel alignment. What is the amount of the loss in spin and charge and what is the resulting spin and charge? Is it lost or does it do something else and remain conservative?

This may seem beyond our abilities, but if we step through it one step at a time I think any one can understand it.

To determine this, a vector (pointing arrow, thumbs up – thumbs down) analysis and conservation of momentum (spin energy) and charge (motion spark) will be considered. Total charge

QUARKS → SPIN → CHARGE → ELECTRON ↓ HYDROGEN ATOM



**Three Quarks
A Trifoliate makes a P or N**

Figure 4.5

of the configuration will be addressed later in this Article. To complete the spin analysis a more detailed picture will be used, showing relationships of points of contact, included angles, and new pivot or point of common rotation.

To aid in the understanding (minute detail) of the task at hand, the trifoliate (P or N) has been rotated 90° clockwise from Figure. 4.5 to Figure 4.6 3 Quarks (Trifoliate) Spin Vectors and enlarged with color graphics. Two quarks joined have spins rotating in opposite directions of 1 QS noted as vector (pointing arrow) 1, the big blue arrow on Q1 in Figure 4.6.

When the third quark comes into contact with these first two quarks at its point of close packing (NATURE likes to nest things) it does so perpendicular with its center aligned at the contact point between Q1 and Q2, noted as Spin vector 1, the big blue arrow, on Q3 in Figure 4.6.

The spin vectors on Q1 and Q3 are noted as "1" because they have the same value of 1QS. And Q2 is a reflection of Q1 so everything about Q1 and changes about Q1 is the same for Q2.

Here is some of the engineering dynamics. Because the contact line between quarks is no longer at a 90-degree angle in a trifoliate to the handedness pointing arrow, as it was with two quarks, a deceleration (slow down) in the spins of each of the three quarks occurs.

An easy assumption, guess, fudge would be that we go from one contact point with two quarks to two contact points with three quarks so the spin slows by a half and the charge drops by a half. This is nice because this matches exactly what they use in Common Space current theory with an intrinsic spin of 1/2.

I like to eat fudge; the stuff my son and I make is exceptional. However, a piece of fudge in engineering, physics, or NATURE'S MEND is a weakness, and I don't want any weakness this early that some one can use to tear the theory apart so I will continue with the vector (pointing arrow) analysis.

We need to introduce a new math called trigonometry. It's a fancy name for math of angles. Here is a quick example using the epic battle between David and Goliath. We will look at The Dead Fall Of Goliath from when the stone hit him in the head struck him dead to when he fell forward. See Figure 4.7 The Dead Fall Of Goliath.

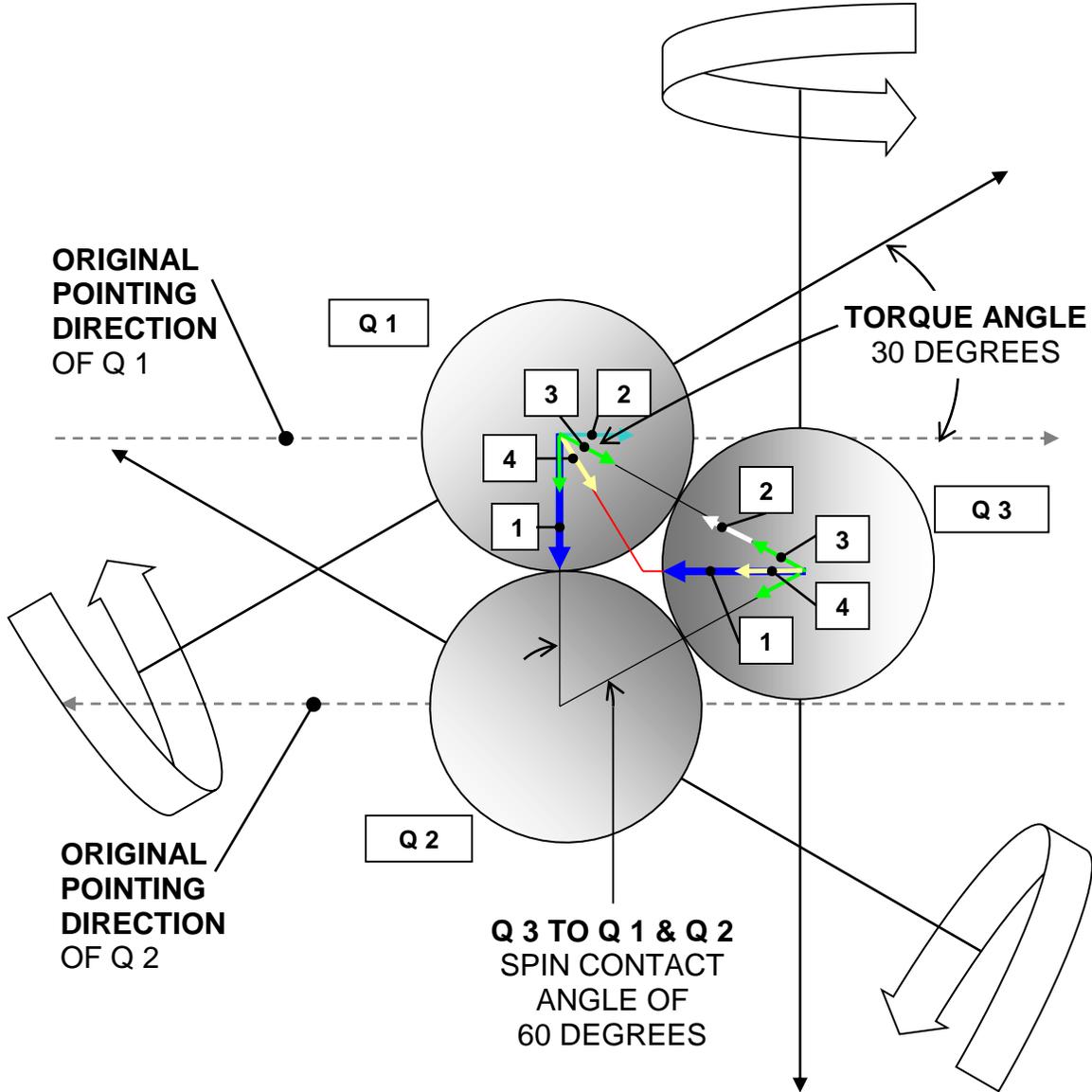
We will allow Goliath to be 10 feet (3.04 m) tall and remain vertically rigid due to all of the armor he had on. Thus we can look at him when he was struck in the head (was dead) and began to fall forward bending only at the ankles to a point of 30 degrees into his dead fall.

Goliath's dead head falling position can be calculated with this new math using equations of angles called cosine (cos) and sine (sin).

Goliath's dead head height is related to his alive head height by cosine and the angle of dead fall. In this example we will look at him 30 degrees into the fall.

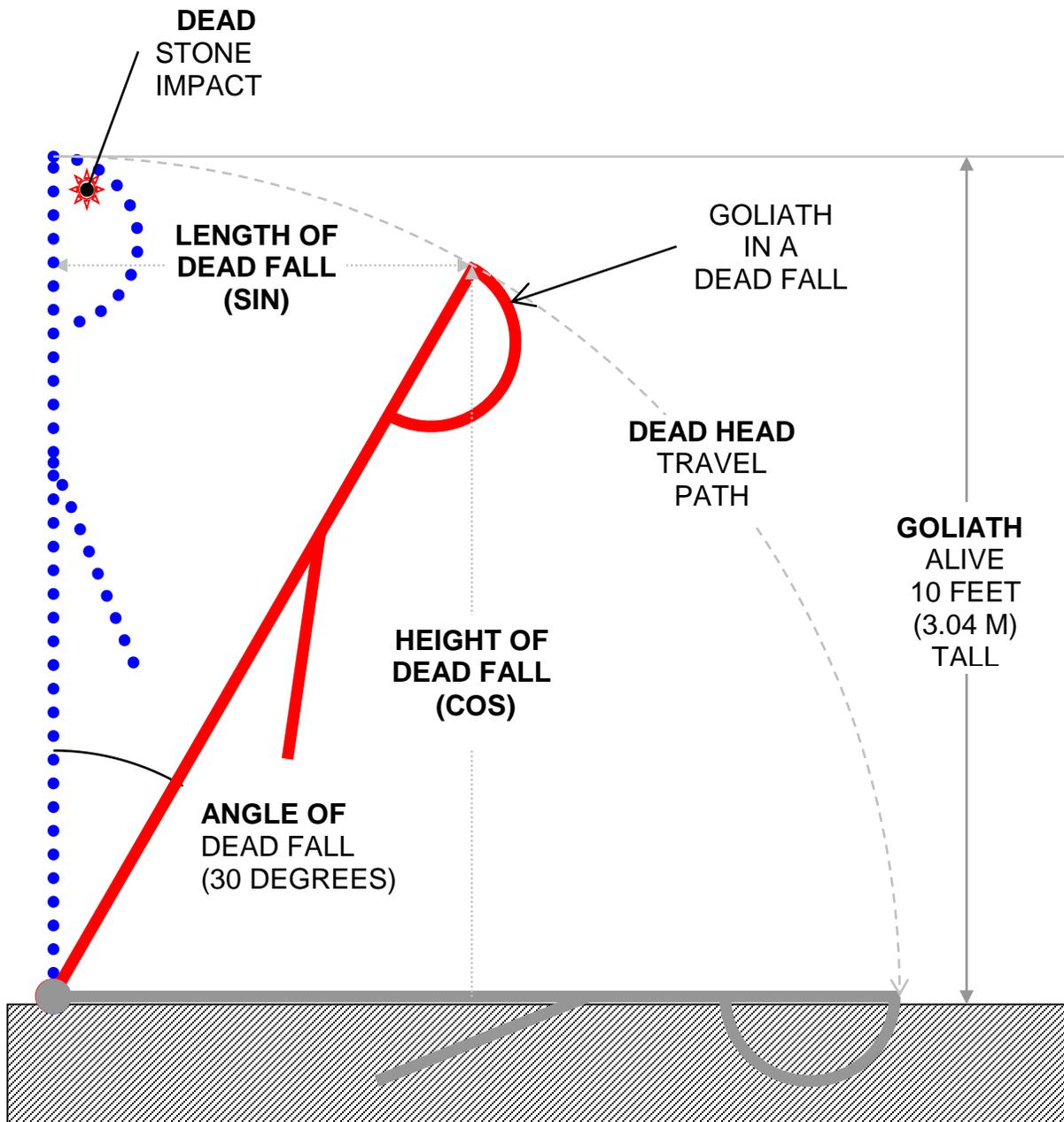
Goliath's dead head forward movement called the length of fall is related to his alive head height by sine and the angle of dead fall.

Here's what Goliath's dead head position is after falling forward 30 degrees. Goliath's dead head height is calculated by 10 feet x cos(30), which equals 8.66 feet (2.64 m). The horizontal length of his fall or tilt forward is calculated by 10 feet x sin(30) which equals 5 feet (1.52 m).



3 Quarks (Trifoliate) Spin Vectors

Figure 4.6



THE DEAD FALL OF GOLIATH

Figure 4.7

Here is one more amazing thing about this falling and angles. The path of Goliath's dead head actually traces out one fourth of a circle. The length of a circle (the circumference) is $2 \times \pi \times R$ (radius or half the diameter). So the total travel distance of Goliath's dead head is 0.25 (one fourth) $\times 2 \times \pi \times 10$ feet (the height of Goliath) which equals a dead head travel distance of 15.7 feet (4.78 m). It was probably a good thing that he was dead before he hit his head (face planted) in this fall! LOL! I said my poetry was dark!

Now I will complete a vector analysis of our trifoliate of quarks. The spin of Q1 first sees the contact of Q3 at a 60 degree angle to its original spin. Thus the first contributing factor to the change of the spin in Q1 in the trifoliate is $[1 \text{ QS} \times \sin(60)]$. This results in a spin of 0.5 QS noted as vector 2 (light blue arrow) on Q1 in the trifoliate in Figure 4.6).

However, the contact of Q3 to Q1 & Q2 also induces a torque of the original spin of Q1 of 30° . This is the angle between the original direction of the pointing arrow and the new direction of the pointing arrow of Q1. Thus vector 2 is shown 30° past the contact point between Q1 and Q3.

Correcting vector 2 to vector 3 (dark green arrow) results in $[0.5 \text{ QS} \times \cos(30)]$ and yields a resultant incident (along the line of contact) vector of 0.433 QS between Q1 and Q3.

An identical incident vector acts along the contact line between Q1 and the other quark Q2.

Remember our point perspective is from the core, the center point of the three quarks. The spin vector of Q1 about the center (core – the hollow) of the trifoliate and the final spin of the decelerated quark Q1 is vector 4 (tan arrow) which is $[0.433 \text{ QS} \div \cos(30)]$ and yields 0.5 QS . We are dividing here because we are going from a tilted condition back to a maximum length condition. It's like knowing the dead head height of Goliath and the angle of this dead head height and wanting to know Goliath's actual alive head height. NATURE'S MEND calculations match expectations.

Q2 is a mirror image of Q1 so a vector analysis does little to validate the results.

However, Q3 whose spin was initially aligned with the trifoliate center (core) should provide identical results. The spin vector of Q3 acts about two points and thus the first correction needs to be divided by two. The first correction, Spin vector 2 of Q3 is $[1.0 \text{ QS} \times \cos(30)]$ which yields 0.866 QS . Dividing this by two results in Spin vector 3 acting at both contact points with the other quarks and is 0.433 QS which is identical to the corresponding contact spins of Q1 to Q3 and would be for Q2 to Q3 because it is a mirror image of Q1 to Q3.

The spin vector 4 of Q3 about the center (core) of the trifoliate and the final spin of the decelerated quark Q3 is $[0.433 \text{ QS} \div \cos(30)]$ and yields 0.5 QS .

Thus the corrected spin of all three quarks is identical. And in current theory the needed spin but not really spinning value is 0.5 [1/2]! The Cosmos Process Engineered has 0.5 QS not because that's what is needed in this new theory to match experiment of current theory, but because that is how it is constructed by NATURE in NATURE. That's what it wants to be in three, when it is allowed to be free! When it is allowed to really spin in NATURE!

NATURE'S MEND quark particle spin matches current Common Space physics.

Considering conservation of momentum the vector handedness of the trifoliate remains radial clockwise thus no external torsion has been induced: just more natural conservation at work with a spinning trifoliate. And that spin is also $1/2 \text{ QS}$. For three quarks joined, each mass has slowed by

0.5 QS. The total spin on the trifoliate is 1.5 QS. However the mass of the trifoliate is three times that of a single quark so the net momentum energy is $1.5 \text{ QS} \div 3$ Quark masses. This results in the trifoliate having a spin of $[1/2]$ QS. This is something special and not a crisis – more to come later!

The trifoliate now spins with the quarks spinning at a reduced speed and the net momentum energy is conserved. Let's check this. Three quark masses spinning at 0.5 QS equals 1.5 mQSM (mass-Quark-Spin Momentum). And one trifoliate of three quark masses spinning at 0.5 QS equals 1.5 mQSM. So for three quarks spinning in a trifoliate we add these two and we have a total trifoliate momentum of 3.0 mQSM which is equal to 3 Individual quark masses spinning with 1QS and our work checks and NATURE is conservative.

This thought derivation is somewhat simplified because in reality the quarks begin to align in three before they become a trifoliate you see. And that's when three Q-elephants impose their will on an e-ant with quark mass momentum overwhelming electron mass by more than 1,800 times. The proton mass in current theory is thought to be 1,836 electron masses. Remember; never ignore the ants! Ever try and play ping pong with a basketball? There will be more analysis and elaboration of and on this later in this Article and a later Article.

This trifoliate represents the first stable bonded condition, which relates to the strong nuclear force and is either a proton (P) or a neutron (N). Recall the M-EnDing Force Map of Article 2. This same force occurs when three quarks flip over to nest as an N or P into the P or N of the first three quarks. Opposites have attracted and quarks have close packed. And wouldn't you know it; the Hydrogen Atom has three quarks and an electron. Six quarks and two electrons make H_2 , which is the way NATURE likes HER hydrogen, which we've discussed previously. Where are the Ns?

The next force permeating from the three quarks, six quarks, or more is an electromagnetic shell (spin motion spark), wanting to dance with electrons.

When you stack up enough quarks in a nucleus, say 627 (Element 83 – one above Lead called bismuth); any next set of three wants to roll about the quarks sphere of the element and not rest in the nest, thus defining a third force, or what is known as the weak force.

Then elements above 627 quarks have a tendency to decay. This is speculation of CPE \ M-End at this point. It's just another opportunity for a challenge.

I have always loved challenges. And I have never been unwilling to be wrong.

These three forces are internal bonding forces of NATURE. The fourth force, gravity is a built up force and has an external playground. Though, it can impose on internal functions in Bulk₂.

Therefore maybe the GUT (Grand Unification Theory) should be GET (Grand Explanation Theory). You just can't mix external (gravity) and internal particle (strong, electromagnetic, & weak) forces and remain intact – unified.

Maybe that's why SS_1CME_1 came apart; gravity just became too large and slowly crushed the strong force. Which resulted in one TRUE BIG BANG of energy release: PLANCK SCALE, and the formation of the UNIVERSE? And when the TRUE BIG BANG fireworks energy stops dissipating (has not yet because we know we are still moving apart) and everything has come apart to form the super gas cloud of the Universe, The Cosmic Stew Pod Super Nebula, maybe it will all start over with a new Origin Particle Star Birth of SS_2CME_2 ?

Two down and three to go for this fashion show (Article) of NATURE! Will charge put an end to CPE ∇ M-EnD or will it further support it?

Because the spin has been reduced by half the radial charge and the maximum measurable potential have also been reduced by half to 0.5 QC and 1.0 QC respectively.

Charge, is a little more complicated and challenging for me so I will start back with one quark and build charge on it and then build back to a trifoliate P or N. The measured potential of the trifoliate should establish if it is a P or N. If not something is missing and NATURE'S MEND is in trouble.

Because man's measuring ability of potential charge does not occur in three dimensions, but only in one, flux vectors will actually allow a more accurate and manageable analysis of NATURE'S trifoliate charge. Flux is like the static charge built up on the surface of your body when sliding your feet on the carpet. The charge covers you from toe to head. It dissipates through a point by a spark line (vector) when you touch some one or something, or something or some one touches you.

I will attempt to make charge understandable.

Let's step back for a moment to our 8-Cubist-Cross-Three-D..ist cube from Article 2 in the beginning before we unfolded it. We could put this 8 cube – cube into a machine called a press that had a spherical cavity (missing ball), and transform the cube into an 8-wedgist sphere. We would no longer have eight cubes in one cube, but eight wedges in one sphere. The sphere diameter needs to be about 1.25 times bigger than the cube width to hold the same volume as the cube [just a note]. We do this transformation because NATURE'S DNA particles are spheres.

Here is the key to understanding and testing charge, flux, and measured potential. Each wedge is unique with respect to radial vector analysis which will lead to surface charge or what I call flux. The charge sign of the flux being positive or negative and with a sphere or any other 3D object we have three dimensions of its pointing vector we need to look at. These are (x, y, z).

Let's draw a picture and I will use some more linguistics. No, I need a few more words first and then I will draw the picture. I will try to relate it to Common Space time and place. Because we have three dimensions and 2 signs (+, -) I need six words.

For the x – dimension, I will use Right and Left. Nothing against the leftist liberals or in favor of the radical rightist, I rank politics right down there with religion. But Right will be positive (+) and Left will be negative (-). This follows along with current physics practices.

For the y – dimension, I will use Front to Back. The preacher looks more positively on those in the Front pews than those in the Back pews so for me Front will be negative (-) and Back will be positive (+). By the way, this is how it is in current physics also and I don't want to confuse the PHD gods too much and follow any religious order. Ok, so they're not totally religious in the creation of their current theory.

For the z – dimension, we are saddled with up and down. And humanity has not shown much humanity. For if you're up, you're upstanding and befriended by many whether or not you're honest. But if you're down you're trodden upon by almost all, with only a very, very few limited exceptions. However, with NATURE and BULK₁ there are no preferences or exceptions. In keeping with current theory practices up will be positive (+) and down will be negative (-).

See Figure 4.8 8-Cubist To 8-Wedgist.

The real beef of 4.8 is in the look at all three in 2D with the added radial pointing vector. Remember all of our Inner Space work is from the core or where all three dimensional values are zero (0) and have no stigmata of religion, politics, inhumanity, charge, or sign.

We can write this core point symbolically as (x, y, z) or mathematically as $(0, 0, 0)$. Which, it would be at the core of the Origin Particle of the Universe before the TRUE BIG BANG and at the core of our quark. If we add time we have (x, y, z, t) or $(0, 0, 0, 0)$ for four dimensional spacetime. For now we will stick with the Three physical dimensions, three numbers or in our case charges with sign + or - on x, y, z or $(+, +, +)$ or any of the eight possible combinations of + or - for 3Ds.

For example a radial pointing vector in wedge 3 would have what as its written symbolic condition? Here's a hint: it's one of the Right Wedges, it's in the Front wedges, and it's in the Bottom wedges. So its written symbolic charge sign condition is $(+, -, -)$. And the charge sign would be $(+)$. We will elaborate on this shortly. And both the vector sign and charge sign are shown in the bottom half of Figure 4.8.

Each wedge pointing vector symbolic notation and the resulting surface charges for a single quark are presented in Figure 4.9 One Quark Charge Signs. Both the Anterior (Front) shown in blue and Posterior (Back) shown in red, radial vector sign notations are provided and shown outside the quark. The Anterior and Posterior surface charge signs are shown on the quark.

The surface charge signs relate to a little math of multiplication. Here's a quick example. A plus $_ \times _ \text{ plus } (+ \times +)$ is a plus $(+)$. A minus $_ \times _ \text{ plus } (- \times +)$ is a minus $(-)$. And a minus $_ \times _ \text{ minus } (- \times -)$ is a plus $(+)$.

For wedge 3 of Figure 4.8 the Anterior Radial Vector has one positive component and two negative components so the surface charge sign is $[(+ \times -) \times (-)]$ which reduces to $[(-) \times (-)]$ which reduces to $[+]$. This simple calculation can be done for each of the seven remaining surface charges.

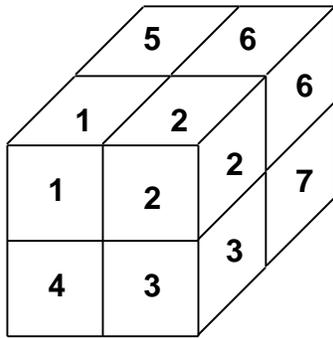
Now NATURE expands HER construction from one quark to two quarks. For two quarks we place the surface charge signs into Figure 4.4 and enlarge it for clarity. This is represented in Figure 4.10 Two Quark Charge Sign. Note that the surface charge signs for both Anterior and Posterior are opposite for neighboring wedges of the quarks. If my thought is correct this complies with the Natural process of opposites attracting and likes repelling. The quarks pull together electromagnetically.

Continuing with this progression of NATURE'S MEND construction we do the same thing for three quarks using Figure 4.5 and rotating it 90 degrees clockwise and enlarging it for clarity. This is represented in Figure 4.11 Quark Trifoliate Charge Signs. Again it is noted that the surface charge signs for both Anterior and Posterior are opposite for adjacent wedges. The quarks pull together electromagnetically.

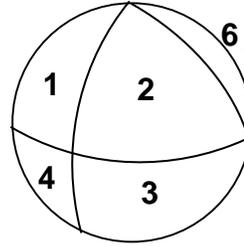
We have three charged quarks alone, in pairs, and in a group of three spinning and they apply to NATURE'S MEND electrically in logical simplicity.

With all these surface charge signs of plus $(+)$ and minus $(-)$ spinning how do we ever understand what the charge potential of a trifoliate would be? If we can do it with logical simplicity will it match that of today's Common Space understanding of a proton (P) or neutron (N) electrically? Maybe it will even match the quark charge used in Common Space today?

QUARKS → SPIN → CHARGE → ELECTRON ↓ HYDROGEN ATOM



CUBE 8 IS IN THE BACK LOWER CORNER

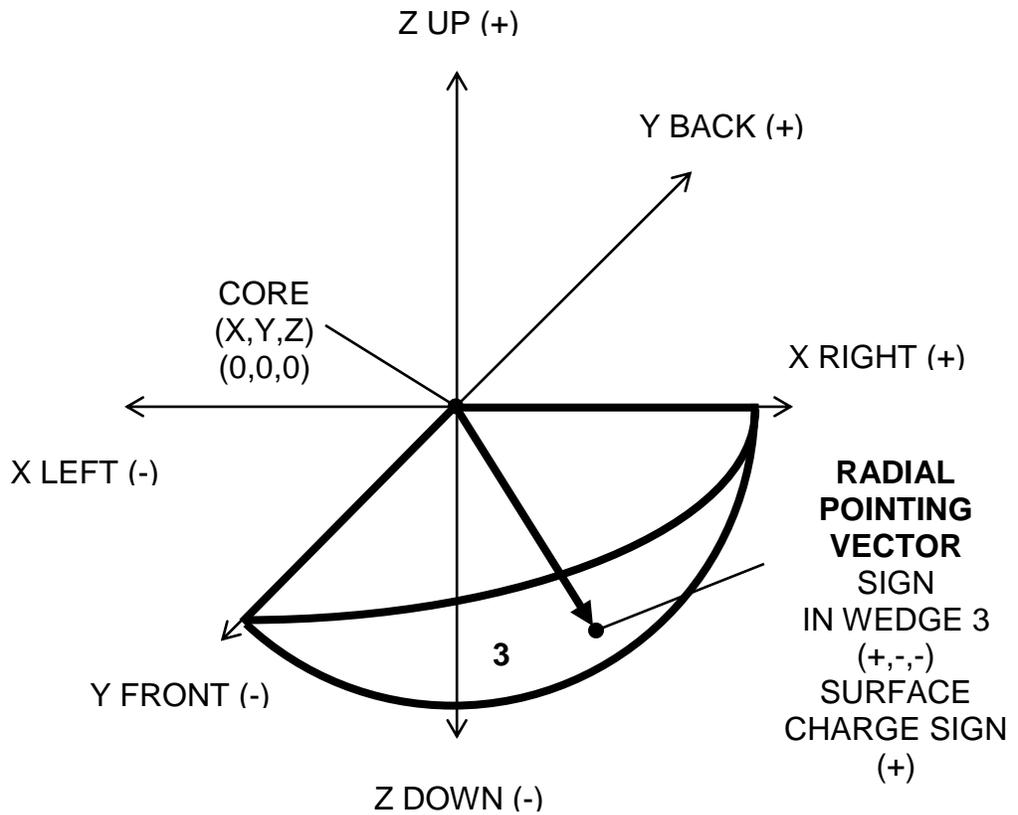


WEDGES 5, 7, 8 ARE NOT VISIBLE

THE 8 CUBES IN ONE CUBE

THE 8 WEDGES IN ONE SPHERE

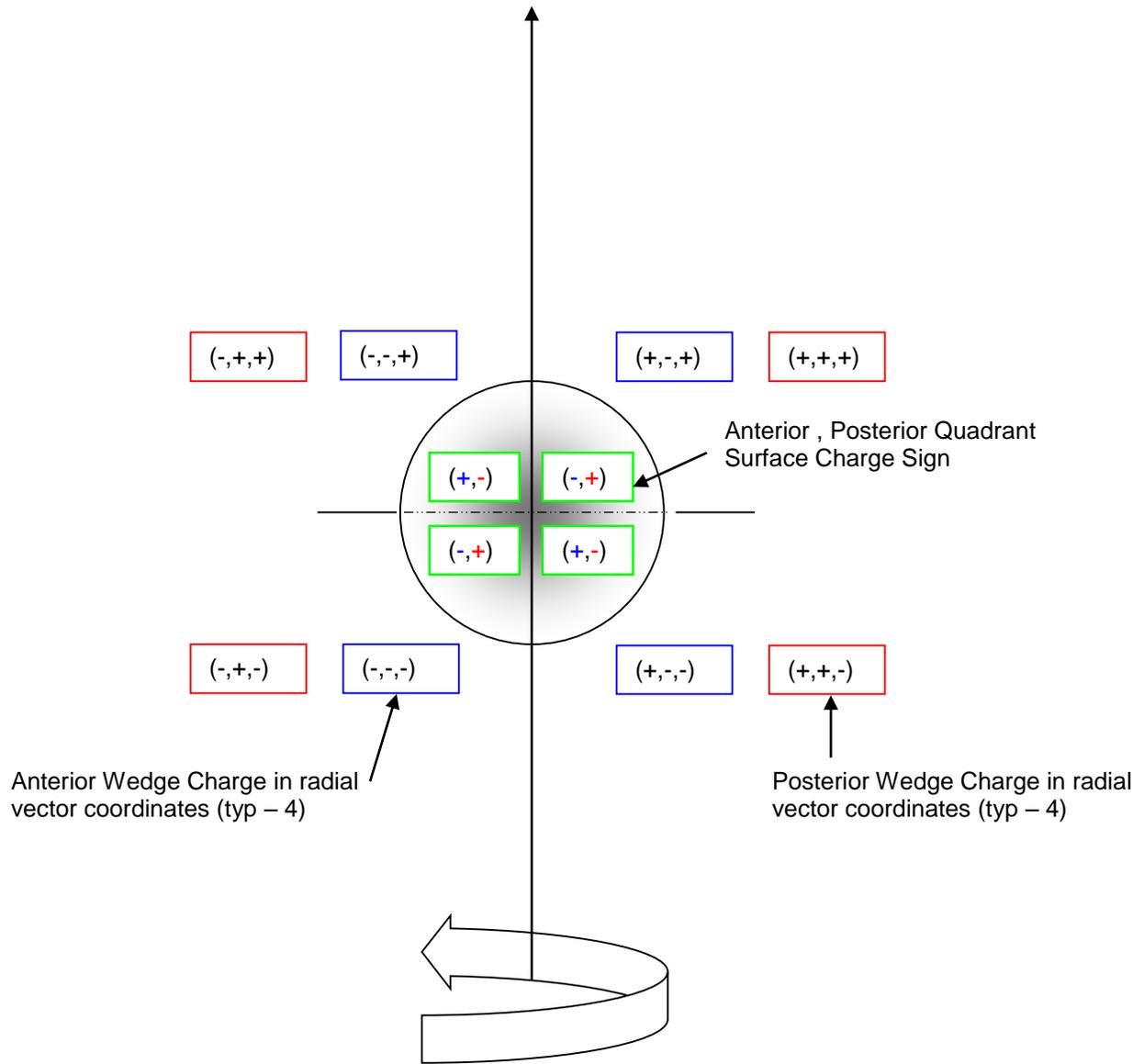
8 CUBES IN A CUBE TO 8 WEDGES IN A SPHERE TRANSFORMATION



INSIDE A WEDGE OF THE SPHERE

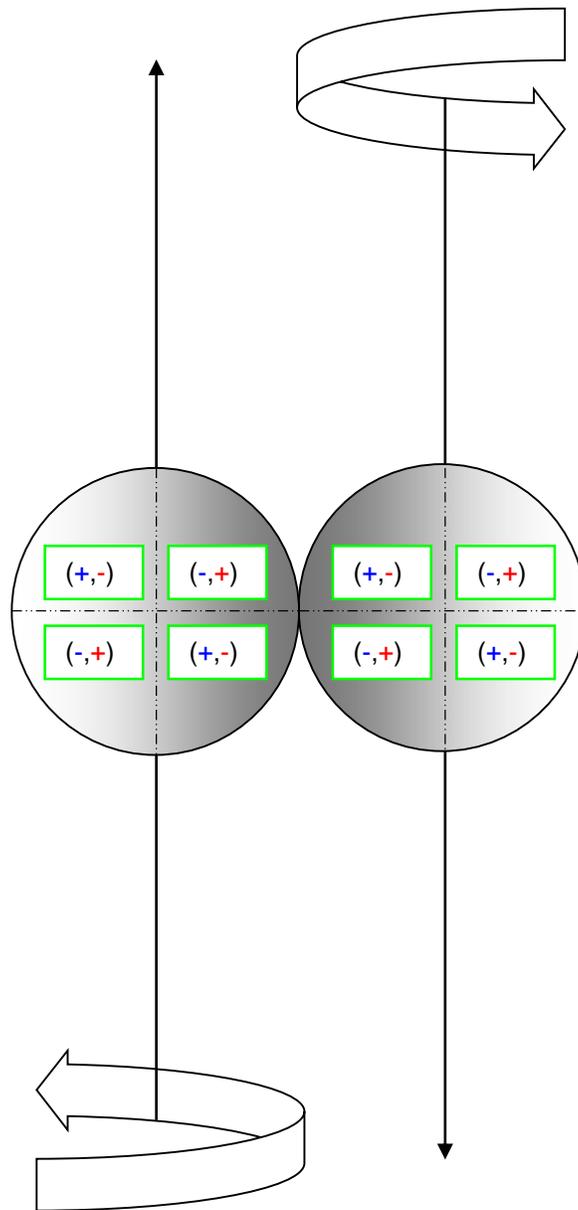
8 – CUBIST TO 8 – WEDGIST & SIGN

Figure 4.8



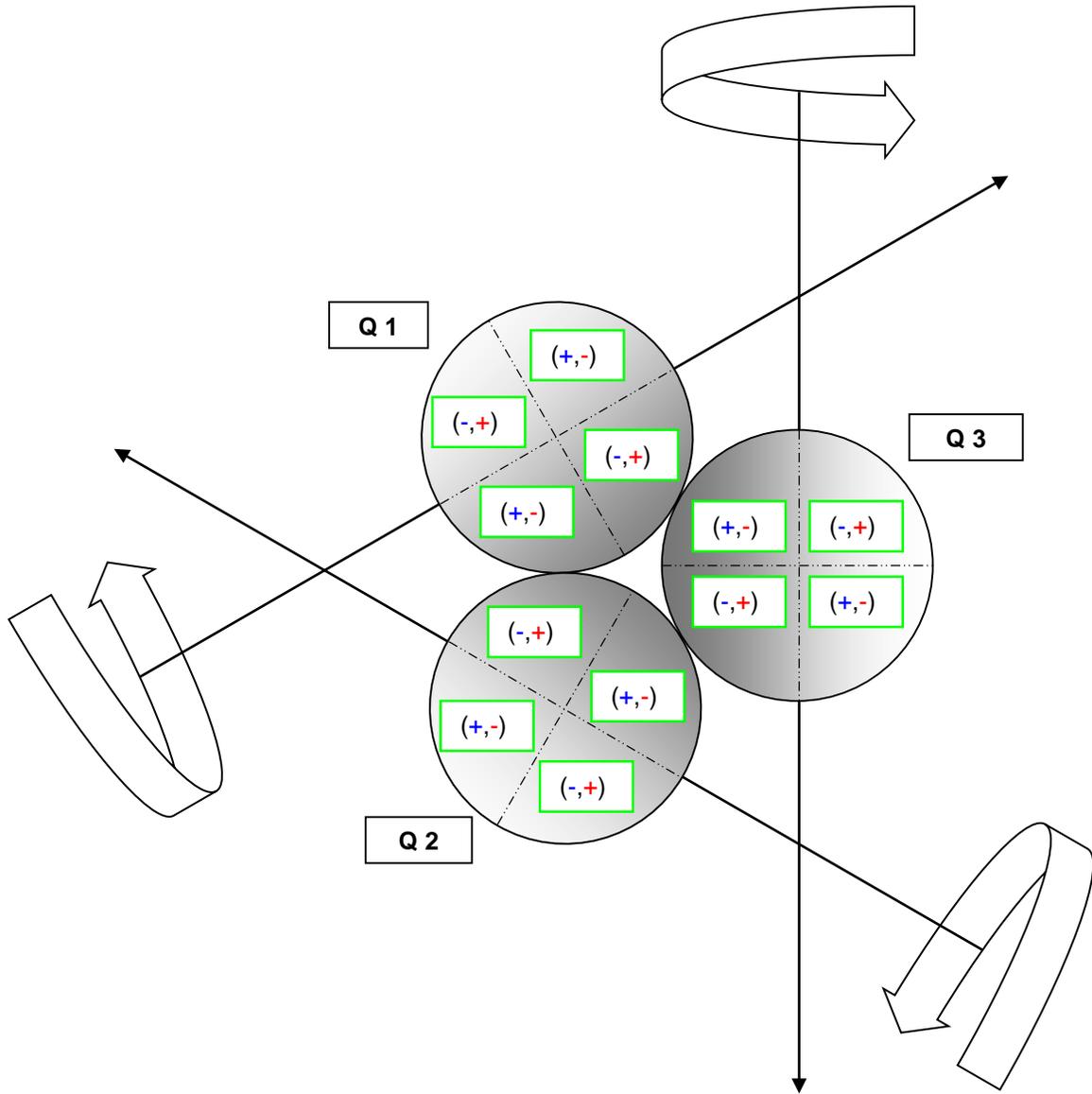
One Quark Charge Signs

Figure 4.9



Two Quark Charge Signs

Figure 4.10



Quark Trifoliate Charge Signs

Figure 4.11

We need to build a diagram of the Maximum Measurable Charge Potential. We need to include Radial Vectors, Surface Charge, Measurable Charge Potential, and Spin and what their relationship to Maximum Measured Potential and the total quark trifoliate charge potential would be.

Because the total quark trifoliate charge potential corresponds to a one-dimensional length, a maximum length or height of the trifoliate needs to be established. For three quarks, this occurs when two quarks are stacked on top of each other.

If they are spinning and spinning very, very fast they would always appear to be at their maximum potential. The critical condition here is that from one face, we will pick Top [Anterior – Front] as though we are looking down on the three quarks, with them spinning into the core. That means from the opposite face, or Bottom [Posterior – Back] they spin out of the core.

Wow, a spinning quark trifoliate meets the current theory condition of a stink/sink hole condition relative to their repulsive/attractive gravity in their beginning of the Universe. A link the current theoretical physicists have guessed at but never made.

Because NATURE likes to be in balance and a sphere is symmetrical we should be able to look at only half of the quark trifoliate for this charge analysis. The question is: which half should we look at? Should we look at the front half, or should we look at the back half? Should we look at the left half, or should we look at the right half? Maybe we should look at the top half, or maybe we should look at the bottom half! Is there another set of halves that we could look at?

There is another set of halves that we can look at! It comes out of that spatial special three. And it has something special related to spin. There is an Inner Half where the core resides and the quarks are in contact with each other. And there is an Outer Half where the quark surfaces are independent of each other. And when you look at it, you should see that the inner half balances with the outer half on a mass basis. The special relationship to spin we have talked about before is that it is the rubbing or spinning motion of two objects next to each other that drives charge.

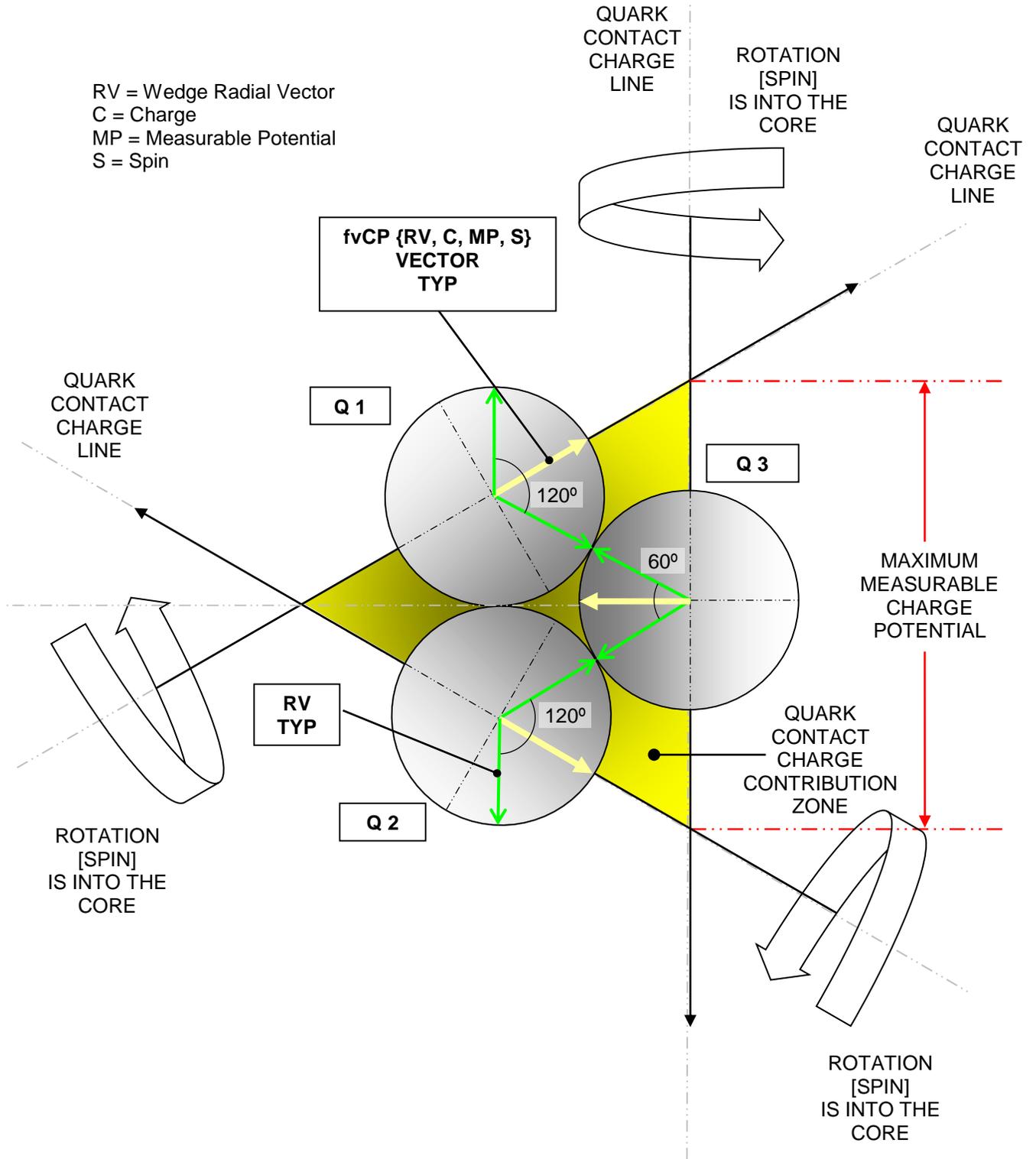
Because NATURE works from the core out and additionally because the quarks are in contact with each other in the Inner Core half I will use the inner core half for this analysis. This inner core half of the quark trifoliate will be called the Quark Contact Charge Contribution Zone.

The above outline and following analysis has been depicted graphically and is shown in Figure 4.12. Quark Trifoliate Anterior Maximum Measurable Charge Potential.

To establish the wedges involved with the measurable potential we will begin at the center of the right quark Q3 in Figure 4.12 and work through the contact lines with Q1 (the top quark) until we reach the top of Q1. We will do this considering the radial vectors, and surface charge.

The following is that progression for the top of Figure 4.12. The Q3 Anterior radial vector is positive for the contact wedge with Q1 and the Anterior surface charge is also (+). This radial vector of Q3 points at Q1. The impact of Spin will be evaluated last.

The measurable potential for this quadrant is positive because it is above the horizontal centerline of the trifoliate, but it is also negative because it is on the left side of the centerline of Q3. The bottom half of Q3 is a mirror image.



Quark Trifoliate Anterior Maximum Measurable Charge Potential

Figure 4.12

To create a functional vector for charge potential we would write it as $f_{vCP}\{RV, C, MP, S\}$, where RV is Radial Vector, C is Charge, MP is Measure Potential, and S is spin. For Q3 this f_{vCP} would be negative to the left. This also applies to the posterior wedges of Q3, but this will be looked at in more detail when we flip the trifoliate over.

We can confirm this with spin on our right handedness basis established earlier. Remember this is denoted by the pointing arrow and the curved rotation arrow. Looking at Figure. 4.12 again, the pointing arrow for Q3 is pointing down making it negative. Combine this with the need for symmetry because Q3 is above and below the core of the trifoliate it would point to the left away from the pointing arrow. A special added note is that it would be at a 90 degree angle from the pointing arrow, or what is called perpendicular and symmetrically landing in between the two radial vectors.

We now enter the lower right wedge of Q1. The radial vector is (-), which causes it to point at Q3. The Anterior surface charge is (-) which is opposite of Q3 and the quarks are attracted to each other on a Common Space law of opposite charge attraction. The measurable potential is positive because it is above the horizontal centerline of the quark trifoliate.

We are now at the core of Q1 and need to traverse back to the surface of Q1 before we can look at the functional vector for charge potential $f_{vCP}\{RV, C, MP, S\}$ for Q1.

We now enter the top wedge of Q1. The anterior charge is (+), the radial flux vector is (+) and points up (vertical), and the measurable potential is positive again because it is above the horizontal centerline of the quark trifoliate.

This means that for Q1 we have a radial vector pointing back at Q3 at an angle 30 degrees below the horizontal centerline (core line) of Q1 and a radial vector pointing straight up (90 degrees) from the horizontal core line of Q1. The spin on Q1 is positive meaning the functional vector for charge potential $f_{vCP}\{RV, C, MP, S\}$ should point to the right.

Applying symmetry for final location of the functional vector for charge potential requires that it land halfway in between the two radial vectors for Q1. The total angle between the two vectors is 90 degrees plus 30 degrees which equals 120 degrees. Half of 120 degrees is 60 degrees. Subtracting the 60 degrees from the 90 degree radial vector angle pointing out the top of Q1 results in an angle above the horizontal core line of Q1 of 30 degrees.

To check this we can also add the 60 degrees to the -30 degree radial vector pointing back at Q3 and we have an angle above the horizontal core line of 30 degrees for Q1. So we have balance.

If we now look at spin, the pointing arrow for Q1 in Figure 4.12 is to the right meaning that the functional vector for charge potential $f_{vCP}\{RV, C, MP, S\}$ should be positive and point to the right.

Applying the spin to the right and the angle of 30 degrees above the horizontal core line of Q1 the functional vector for charge potential $f_{vCP}\{RV, C, MP, S\}$ for Q1 is positive and is up and to the right. The special note about this is that the functional vector for charge potential $f_{vCP}\{RV, C, MP, S\}$ for Q1 is on the pointing arrow for Q1.

Because of symmetry of three quarks in one trifoliate the bottom half of the trifoliate or the functional vector for charge potential $f_{vCP}\{RV, C, MP, S\}$ for Q2 is a mirror image of Q1. Though it looks like the Q2 f_{vCP} is negative you need to consider that it is below the horizontal center line of the quark trifoliate which also makes another negative. And as we have already shown, two negatives make a positive.

Now we can look at overall contributions to Maximum Measurable Charge Potential for all three quarks. The maximum charge contribution to measurable charge of any one quark is a 180° sweep of the quark surface or one half of the quark sphere.

The actual contribution is related to the sweep (the angle between quark radial vectors) of each quark's functional vector for charge potential $fvCP\{RV, C, MP, S\}$ when the spin is into the core. Just the opposite should occur when the spin is out of the core on the flip side.

Thus Q1 has a Maximum Measureable Charge contribution of a 120° sweep of its maximum 180 degree sweep in the positive x direction. The Maximum Measurable Charge contribution ratio is 120/180 or 2/3. It is also above the horizontal core line for the trifoliate meaning that it has a positive contribution. Thus a plus times a plus (+ x +) makes it a positive 2/3 contribution. We can say that Q1 has a charge of +2/3 when it spins into the core of the trifoliate.

This is not quite the same for Q2. The difference between Q2 and Q1 is that the functional vector for charge potential $fvCP\{RV, C, MP, S\}$ for Q2 is negative and is pointing down. They both point to the right. This is where symmetry comes into play. As mentioned above Q2 is below the horizontal core line for the trifoliate meaning that it has a negative contribution. Thus a minus times a minus (- x -) makes it a positive 2/3 contribution. Because of this we can also say that Q2 has a charge of +2/3.

The Q3 functional vector for charge potential $fvCP\{RV, C, MP, S\}$ contribution is a 60° sweep in the negative x direction or a flux ratio of 60/180 or 1/3. Because of this we can say Q3 has a charge of -1/3.

To determine the total charge of the trifoliate we sum the $fvCP$ for Q1, Q2, and Q3 and multiply by the maximum measurable potential of a single quark. Remember that in three the radial charge of a single quark is 0.5QC, so the maximum charge of a single quark in a trifoliate is 1QC. This results in $\{2/3 + 2/3 + (-1/3)\} \times 1.0$, which reduces to $\{3/3\} \times 1.0$ or $\{1 \times 1\}$ for a potential of 1.0. Thus with a potential of one, the trifoliate of quarks viewed spinning into the core must be a Common Space P (proton). This corresponds with current concepts in particle physics, which will be detailed further in the last Article.

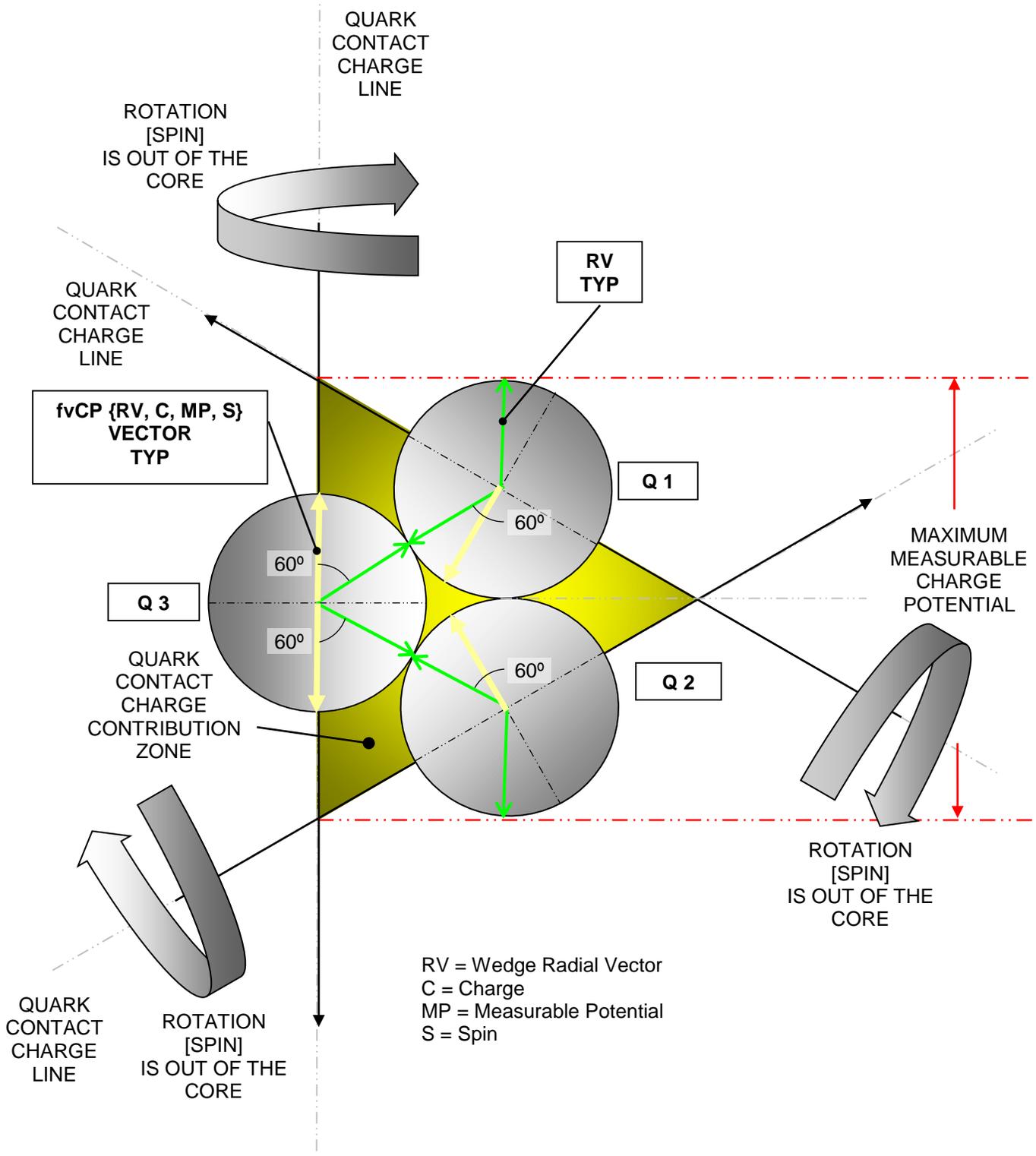
We are half way through the charge challenge and things are supporting CPE ∇ M-EnD. The added thought here is that if we flip the trifoliate about the vertical axis we see the posterior first instead of the anterior. The quarks will be spinning out of the core.

Does NATURE'S MEND link to man and animals in BULK2? Our intake is into our anterior, our mouths, and out our posterior, our _ _ _ . LOL!

This configuration wants to nest with the other configuration because of opposite surface charges, though it is somewhat difficult to picture, because it can nest in a 3D plane with each quark in a different reference plane to the first trifoliate. This will be looked at more later.

A flipped over Proton trifoliate of quarks needs to have a neutral charge to be a Neutron. And that is exactly what happens. The following contributions are based on Fig 4.12 being flipped about the vertical axis. See Fig 4.13 Quark Trifoliate Posterior Maximum Measurable Charge Potential.

Because it is flipped over and we have already established that the radial vectors point in the same direction I will not work through them again. Just note that all of the radial vectors [green



Quark Trifoliate Posterior Maximum Measurable Charge Potential

Figure 4.13

arrows] grouped together look like a witch's hat standing on the rim. For Figure 4.12 the top of the hat points to the right and for Figure 4.13 the top of the hat points to the left.

The critical impact is in the functional vector for charge potential $fvCP\{RV, C, MP, S\}$ for the quarks and relates to that spatial special three and spin again.

We can confirm this with spin on our right handedness basis established earlier. Remember this is denoted by the pointing arrow and the curved rotation arrow. Looking at Figure 4.13 again, the arrow for Q3 is still pointing down making it negative. Combine this with the need for symmetry because Q3 is above and below the core of the trifoliate it would point to the left away from the pointing arrow. However, this would cause it to point outside of the Quark Contact Charge Contribution Zone. To avoid this charge violation we split it into a top $fvCP$ pointing vertically up from the core and a bottom $fvCP$ pointing vertically down from the core. A special added not is that this puts the two $fvCP$ s for Q3 in line with its right handedness pointing arrow. This also means that it is acting opposite of what it does when it spins into the core. We should expect this from NATURE with two absolutely opposite conditions of spin into the core and spin out of the core providing absolutely opposite results.

The top $fvCP$ is a (+,+) making it a (+). The bottom $fvCP$ for Q3 is a (-,-) which makes it a (+). This means that they are both (+) and can be combined into one Maximum Measurable Charge Potential. Each Q3 $fvCP$ sweeps out a 60 degree section from the radial vector to the vertical pointing arrow for a total of a 120 degree sweep or $2/3$ of the total available potential of a quark. Thus we can write the Q3 charge for a flipped over trifoliate as $(+2/3)$.

For Q1 we need to look at spin and the pointing arrow for Q1 in Figure 4.13 to establish the direction of its $fvCP$. The pointing arrow is to the left meaning that the functional vector for charge potential $fvCP\{RV, C, MP, S\}$ should be negative. This means that it needs to point in a downward direction below the horizontal core centerline of Q1 and remain on the left side of the vertical centerline of Q1. This results in the $fvCP$ of Q1 pointing to the core of the quark trifoliate in a 60 degree sweep of the radial vector to the contact line with Q2, and it is perpendicular (at 90 degrees) to the spin pointing arrow of Q1. We have a negative Q1 $fvCP$ on the positive side of the horizontal core centerline of the trifoliate. Thus we have a $(- \times +)$ which is a (-). We can write the Q1 charge for a flipped over trifoliate spinning out of the core as $(-1/3) [60/180]$.

Because of symmetry of three quarks in one trifoliate the bottom half of the trifoliate or the functional vector for charge potential $fvCP\{RV, C, MP, S\}$ for Q2 is a mirror image of Q1. This results in the $fvCP$ of Q2 pointing to the core of the quark trifoliate in a 60 degree sweep from its radial vector to the vertical contact line with Q1 and it is perpendicular (at 90 degrees) to the spin pointing arrow of Q2. So we have a positive Q2 $fvCP$ on the negative side of the horizontal core centerline of the trifoliate. Thus we have a $(+ \times -)$ which is a (-). We can write the Q2 charge for a flipped over trifoliate as $(-1/3)$.

To determine the total charge of the flipped over trifoliate spinning out of the core we sum the $fvCP$ for Q1, Q2, and Q3 and multiply by the maximum measurable potential of a single quark. Remember that in three the radial charge of a single quark is $0.5QC$, so the maximum charge of a single quark in a trifoliate is $1QC$. This results in $\{(-1/3) + (-1/3) + (+2/3)\} \times 1.0$, which reduces to $\{(-2/3) + (+2/3)\} \times 1.0$, which further reduces to $\{0\} \times 1.0$ or 0 (zero) for a potential of 0.0. Thus with a potential of zero, the trifoliate of quarks viewed spinning out of the core must be a Common Space N (neutron). This corresponds with current concepts in particle physics, which will be detailed further in the last Article.

It looks like CPE ∇ M-EnD could be more than a heresy sub-atomically.

The bite here is that all quarks are identical, which is different from current theoretical physics. They have an up quark and a down quark. Though NATURE'S MEND quark can appear to be different based on the direction of observation and measurement of properties and match current theory properties identically. Could one quark looking like two different quarks be disguised Supersymmetry in Inner Space? Something else they want to find in current theory, but haven't.

NATURE'S M-EnD has one quark and one e, instead of one up and one down quark and one e in current theory. Lisa does comment about up quarks becoming down quarks in her book, but it is a mystery as to how they do that. What they're measuring in current theory is not what is really there to be seen, as discussed above, and like effect and cause discussed in the other Articles.

Maybe even that's what is happening with particle accelerators; what is being recorded, evaluated, and backtracked is not what is really happening because their basic understanding of NATURE'S physics is torn asunder (divorced from reality) and needs to be mended (fixed or repaired) with a new theory. Where's that leave their proclaimed discovery of the "god particle" – "Higgs boson"? In Uncertainty! Their own principle is roughing [ruffing] them up!

Remember we can't measure charge in 3D, but NATURE Builds and Plays (MENDS) where we can't see or be (work). And along comes a CRAZY engineer letting NATURE lead with Matter – Energy - & Dynamics in logical simplicity shedding the light of this new theory on the darkness (blindness) of current theory. And there is no conspiracy, because GOD has been left out of the play and religion has been thrown away and politics I don't play.

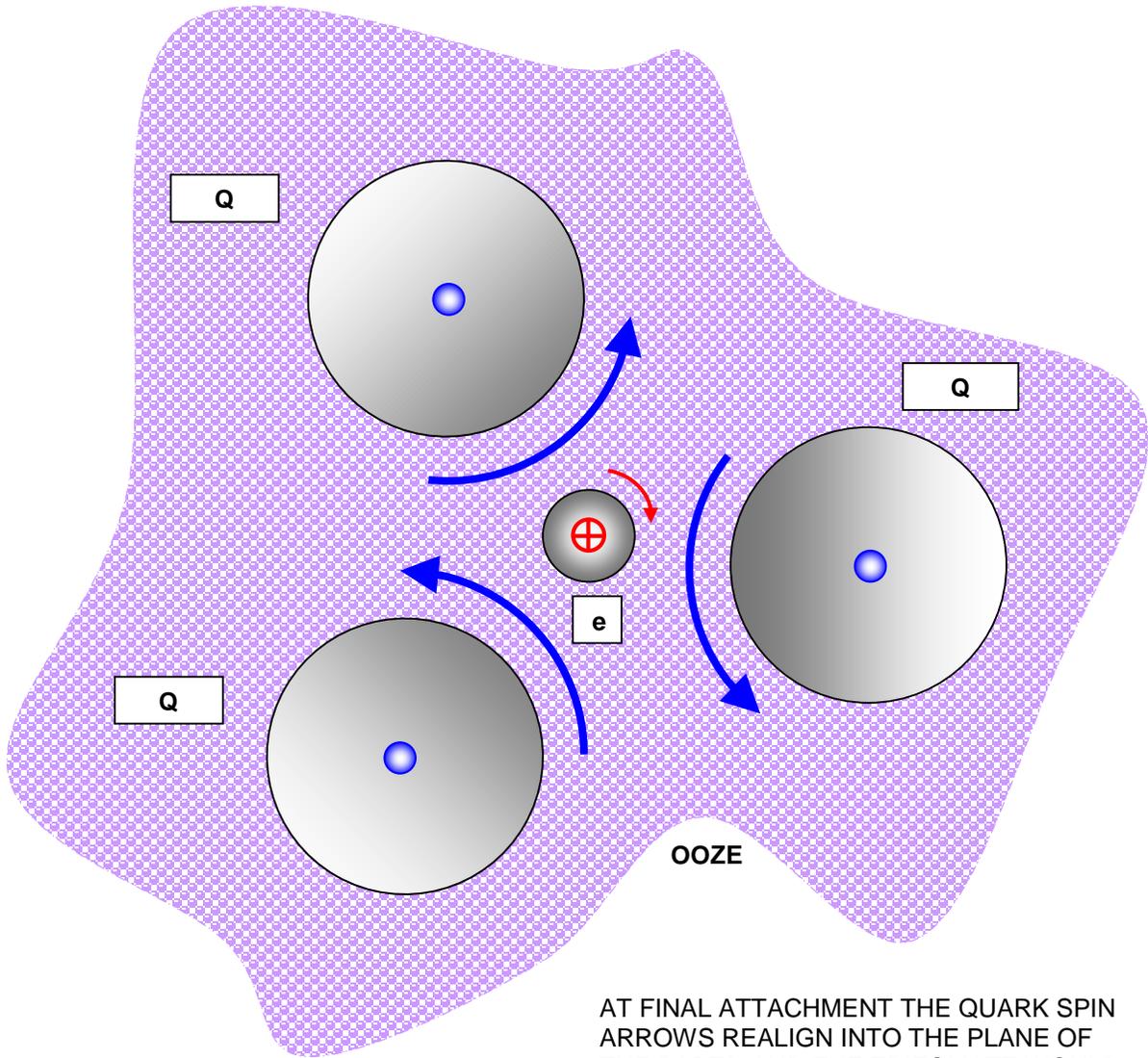
And here is one more bite from NATURE'S MEND. The fvCP [functional vector for Charge Potential] could be the fvEP [functional vector for Electromagnetic Energy Potential]. This is because the quark trifoliate is spinning with the quarks at the same speed of 0.5QS. It is really not critical at this point in the theory. Either or, they would have the same electrical potential value. This will be addressed further in Article 8.

Three down and two to go! Let's go back to the third formation zone and the dynamic relationship between Qs & es.

As was mentioned earlier the interaction of quarks becoming a P or N is a little more complicated than a one to two to three stack-up. Let's take a spin on the dynamics of quarks and an electron. Remember we have a suspension of quarks and electrons in the quarks-e GUF fluid. The quarks are spinning in a right handedness configuration. As they begin to move towards each other to bond electrically an electron particle is captured inside. See Figure 4.14 e-Birth.

Why only one electron, because that is the most Natural stable condition of the mix of Qs & es. Any additional es would cause instability in the core of atom formation. And we know NATURE doesn't like instability. Figure 4.14 is presented with the handedness vector of the Qs pointing out of the page (looking at the tip of your thumb) so that we can look in on the rotation of the Qs & e.

Considering the geometry of the three Qs with a small core the size-mass of the e should be small when in precipitates out of the quarks-e fluid, or is forced (compressed) out by the three quarks coming together compressing the GUF between them and it is in Common Space. The electron has no inherent spin, then its spin has to come from an external source.



AT FINAL ATTACHMENT THE QUARK SPIN ARROWS REALIGN INTO THE PLANE OF THE PAPER AND THE TRIFOLIATE WOULD LOOK LIKE Fig. 4.12 AND THE e POPS OUT THE BACK SIDE

e-Birth

Figure 4.14

When we look at Figure. 4.14 again that source is the Qs and the spin of the electron is opposite to the Qs spin in observation. Thus with spin inducing charge the electron would have a charge opposite of the final charge of the trifoliate of Qs. Retaining the handedness prospective of the first three Qs spinning into the core, which was a proton with a positive charge. The electron would have a negative charge. But what is the handedness of the electron?

NATURE likes things to operate in the same way if it can. Any opposite operating thing results in shear stress and weakens the Nature of the structure. NATURE likes to be stable. If we retain right handedness for the electron what happens? Nothing beyond Natural, just intuition, it points into the paper in Figure 4.14 instead of out of the paper, shown as a red cross in a circle, which further supports the opposite-charge configuration.

As the Qs move closer and closer together they begin to realign their right handedness spin vectors into the plane of the paper as a trifoliate into what appears in Figures 4.5, 4.6, 4.11, and 4.12. Their final spin and charge remains as detailed before. Thus at the moment bonding of the Qs occurs the electron pops out the backside of the core because the 3 Qs are spinning into the core. This is NATURE'S conservation of spin with the spin of the Qs and the handedness pointing vector of the electron. The electron remains with the trifoliate of Qs because of its opposite charge. Remember opposites like to attract (come and play and stay together).

What do we have, but the simplest of atoms, three of one Q & one e, and the simplest of elements, Hydrogen. See Figure 4.15 Monatomic Hydrogen.

However, three and one has an inherent imbalance, so six and two would fit a Natural shoe (how NATURE climbs or builds in Inner Space), and hydrogen becomes diatomic (H₂) and that's what naturally occurs in Common Space. See Figure. 4.16 Natural Diatomic Hydrogen.

NATURE doesn't mind two neutrals hand in hand. And guess what? The first magic number of protons is 2. And 2 & 2 make four and we have fused Helium and it has two Ps and two Ns.

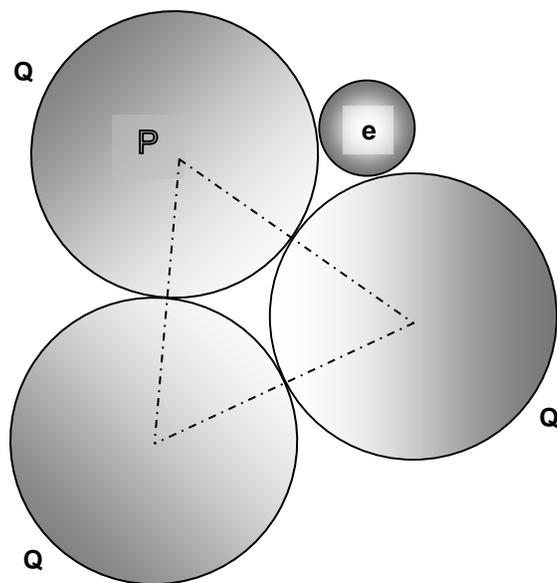
Maybe the GET (Grand Explanation Theory) covers more than particle physics and forces, and encapsulates chemistry and material sciences also.

CPE ∇ M-EnD has garnered a foothold on physics with NATURE'S Matter – Energy & Dynamics of Inner Space and Outer Space (the COSMOS) and now M-EnDing can finish the GET of the Natural particle to planet UNIVERSE.

In all humility, I may have uncovered the recipe card, but wonder if finishing the detailing of the Cosmic Stew Pod isn't far beyond one CRAZY engineer's effort to Planck-Scale Energy?

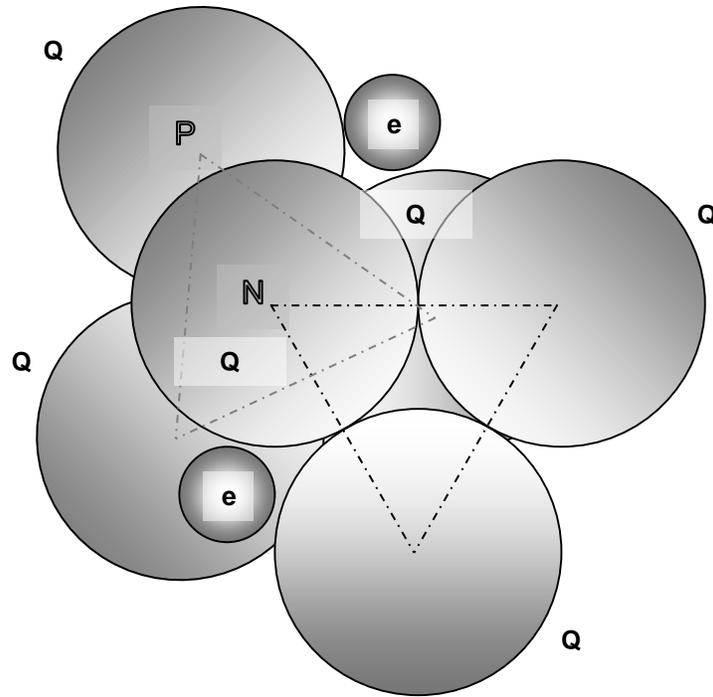
But then what is Life & LIFE all about? So here's another glance at the future of CPE ∇ M-EnD. To conjecture a little, what happens when electrons come into play? Because three quarks are not a sphere the electron tracks a path of lowest radius of rotation, which is along a path of hills and valleys about the contact regions of the three quarks, which induces a wave form to its orbit. Isn't a waveform what is expected? So even with the e the particle came before the wave.

Ever seen a wave of people particles in a completely empty (void of humans) stadium? Nope, you need the people particles before you can have the wave.



Monatomic Hydrogen

Figure 4.15



Natural Diatomic Hydrogen

Figure 4.16

Here is some interesting speculation (guessing) for an e on hydrogen H_1 (1-trifoliate of quarks). There are 8 total e-Paths for the e to cycle around the quark trifoliate and return to its top starting position. If the e starts its path at the top of H_1 pointing out the e is pointing in on path 8. Thus, it takes three cycles of this to return the e to its original pointing out position at path 8. So there are $3 \times 8 = 24$ e-Paths to return the e to its original starting position pointing arrow 1. Though there are only 6 true paths in a trifoliate of 3 quarks for the e traverses all 3 quarks. Thus, a stable e on hydrogen has an integer path number of $24/6$ or 4. See Top Half of Figure 4.17 e Wave on H_1 .

If you excite the e you have 12 total e-Paths. Because the e is excited it chases the pointing away arrow because it is the path of least resistance. IE: Path 12 wants to chase path 9. And it again takes three cycles for path 12 to chase path 1 when it becomes path 9. So there are $3 \times 12 = 36$ e-Paths to return the e to its original starting position. Again there are only 6 true paths in a trifoliate of 3 quarks. Thus, an excited e on hydrogen has an integer path number of $36/6$ or 6. See Bottom Half of Figure 4.17 e Wave on H_1 again.

Here is some more speculation (guessing). The more Qs we stack into the nucleus the more paths NATURE allows with more hills and valleys. Though, the hills and valleys are the same the radius of rotation about the center (core) of the nucleus lengthens and thus the relative rotations smooth out.

Maybe an electron minimum shell gap is associated with the noble gases? Noble gases are also known as inert gases or rare gases in that they don't attach to other elements to form compounds. Helium, the second element is one of these Noble gases.

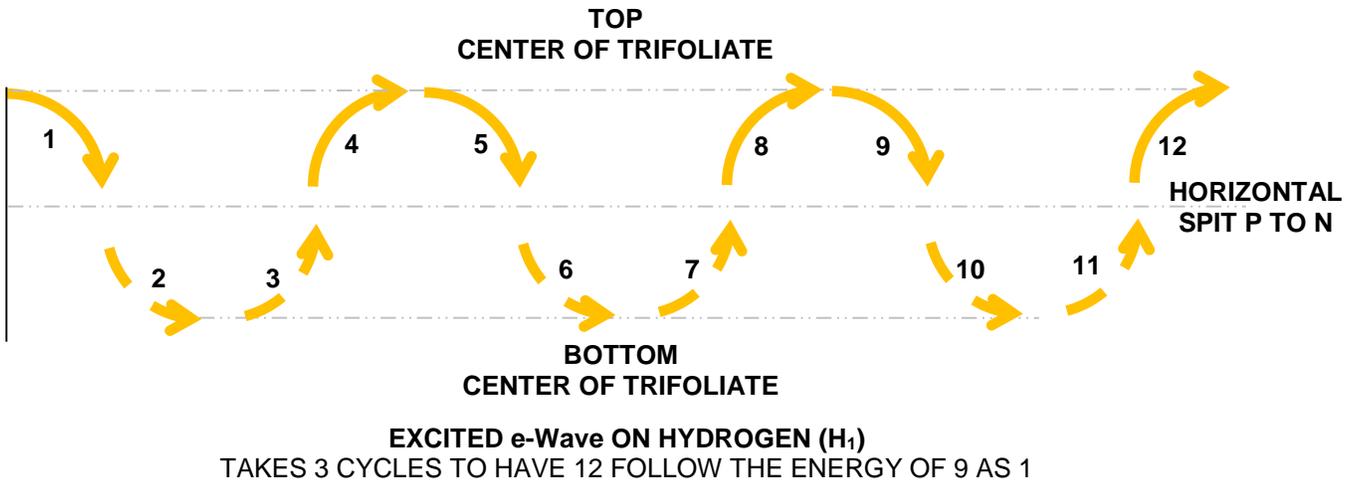
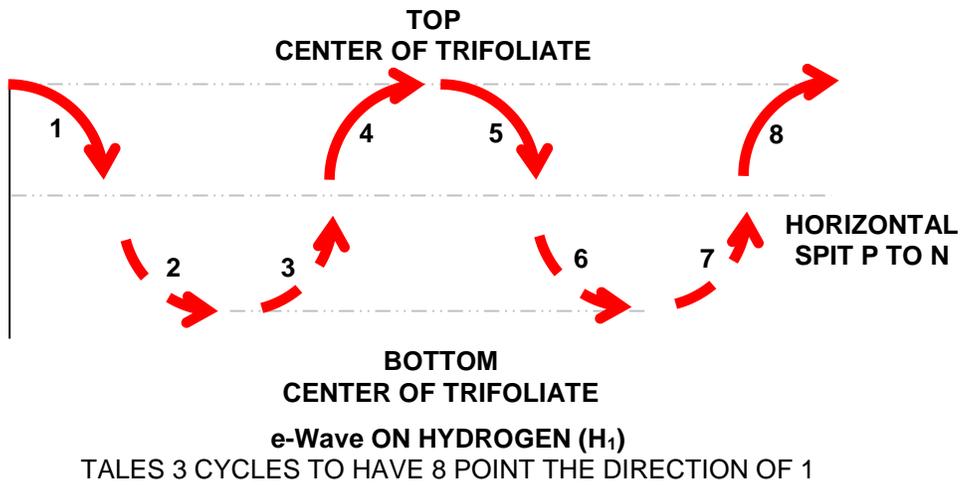
As we mentioned earlier, if we stack enough trifoliate Qs up we will reach a point when the next one does not want to attach, but roll about the main nest of Qs looking for a place to rest and when it flips over on this journey it changes: decay occurs. This motion would also induce instability in the electron orbits and induce an oscillating (moving in and out) radius of rotation. Not something NATURE likes, which further supports decay. Maybe that's what's special about Atomic Number 84, the first radioactive (not the sound version that comes out of a box) element, which is only two Atomic Numbers above 82, Lead. Lead is the last known magic number element; the shield of SS_1CME_1 or SS_nCME_n , whatever the cycle maybe.

And maybe the other magic numbers have something to do with quarks-e geometry also. And material science, chemistry, and particle physics are unilaterally defined within the geometric Nature of CPE ∇ M-EnD. As it should be: simple, logical, elegant, symmetrical, and Natural! SHE is TRULY ONE GOOD WOMAN!

Certainly there's a lot more to particle physics, chemistry, and material sciences than what I have touched on here. Right now it's beyond my understanding, but I don't believe beyond my intellectual capabilities. And that is why I am enjoying my summers, winters, and the study of the great works of others. Great because, when you are pushing the boundary edge of understanding and discovery it's not about right and wrong, it's all about imagination. As AI said, "Imagination is more important than Knowledge!"

What better way to challenge and test one's own theories, but to put them up against everyone else? In this case it seems as though I am literally up against the world. For I appear to be alone in my gray-play on the Outer and Inner Space of NATURE'S COSMIC WAY, while the works of others are filled with name after name of contributors. But, then that's the exact context of the song "Crazy".

QUARKS → SPIN → CHARGE → ELECTRON ↓ HYDROGEN ATOM



e-Path Wave on Monatomic Hydrogen H₁

Figure 4.17

I'm smiling because whenever I've needed help I seemed to always be beyond those around me. I guess that is why I was sending these letters to the authors of the books I've read. Not expecting a response, but just loving the thought experiment of CPE \sphericalangle M-EnD and wanting to share it with others.

And now in this book have I logically simplified it enough so I can share it with every one? And that's what Life & LIFE and I'm really all about: Helping Other People Enjoy.

Thank you for your precious time and consideration. I hope you take some time to analyze this engineering thought process of COSMIC particles to elements! Eventually we will make it to planets.

Respectfully,

kevin I olson

Post Script (PS)

As mentioned in the Mathematics & Linguistics section of the front end of this book and here in this article, SPIN is very important to this new theory so I felt it deserving some additional attention in a post script. Really Real World SPIN is the Heart of NATURE'S MEND, but only a mathematical and physical mirage (they need it, but don't really see it, or believe in it) in current standard model particle physics theory; and SPIN is an imposition (forced aspect) of current string theory!

Current standard model particle physics theory calls it intrinsic spin and says it needs spin to fit the physics and mathematics of their model, but it really doesn't spin in the "Really Real World", in NATURE.

String theory has extended the standard model into the super subatomic (smaller than qs and es) with vibration energy and winding energy of their strings.

I interpret string vibration energy to be phase change energy that will be addressed in Article 6 and winding energy to be Spin Momentum. Is string winding energy trying to replicate NATURE'S TRUE particle SPIN? Is this more duality of theories, a matching of brush strokes?

They have the brush stroke, but they are painting with man made colors instead of NATURE'S RAINBOW of MEND.

Here's what's special if quarks really SPIN in the "Really Real World", in NATURE. Because of its minute size it can spin at the speed of light making it look static. It is moving so fast that we can't see it moving. And when it looks static we measure statically and identical quarks in a 3-pack (quark trifoliate) can look different, which they do in current theory measurements, and in NATURE'S MEND calculations.

When we look at NATURE'S MEND Maximum Measurable Charge Potential (MMCP), what's interesting is that the MMCP values of NATURE'S MEND match the charge values of the current physics standard model for particles. For in NATURE'S MEND there is only 1 quark in a trifoliate of three and it spins with one e and it to spins.

But in their theory there are two quarks and one e that don't really spin. So they are not currently seeing in atom smashers what NATURE is doing in reality. No wonder they're lost in a dark

and black dub sea of superstring theory with its extra dimensionality – a current theoretical physics STD [Statistically Transmitted Darkness]! Their god and son of god of the Higgs name are dark gods!

If it spins and at the speed of light, mass calculations for a quark are possible through the physics of centrifugal shredding. Current theory is in the dark about how and why standard particles have the very, very, tiny, tiny mass they do. Remember Lisa's comment, *"The mass seems to come out of thin air."*

Take the earth for example, currently rotating at an equatorial velocity of about 1000 miles (1609 Km) per hour and weighing 6.6 sextillion short tons (6.0 sextillion metric tons). If it was accelerated to 671,000,000 (671 million) miles per hour (1080 billion Km/hr), the speed of light, what mass would remain?

Not much! Would it be in the range of a quark mass? It may not match exactly, but it might be in the right magnitude. For, do we really know what the true speed of light is in NATURE, deep in Inner Space or far beyond our sight in Outer Space? No, so now NATURE'S MEND has a basis for the tiny tiny mass of particles using Energy & Dynamics (Spin Momentum and Speed and Shred) and another mystery of current theory begins to secede (depart) from NATURE'S REALITY.

With the mass of the quark possible the mass of the e from the fusion of three quarks comes about naturally. And the mass of the e can be less with the same high speed. And the ratio of e mass to q mass could be calculated or expressed geometrically. And it was in Common Space and will be in this theory.

Now we will go from Inner Space to Outer Space and sail in the dark sea of current theory and their dark matter and dark energy. Black holes will be left for a later Article connected to gravity.

DARK STUF][FUTS KRAD A REFLECTION OF SOMETHING?

[MAYBE THE AFTERMATH OF NATURE'S FIREWORKS 10-Jan-08]

This, the fifth Article related to this new theory of the COSMOS jumps back out into Outer Space and the mystery of current physics theory Dark Stuff.

Stuff spelled STUF in the title for its reflection FUTS. FUTS is actually spelled FUTZ but it sounds out FUTS. {English Language Linguistics} Futz (futs) is U.S. slang that means to putter around; waste time. I'm going to putter around with their dark stuff and see if NATURE'S MEND is wasting time.

Current theoretical physicists need to quit wasting time with their absurdity of NATURE trying to make HER sing in the dark. And take a peek at HER SIMPLICITY in KRAD-DNEM – a progression of HER Matter Energy aNd Dynamics out of the Dark.

KRAD in the title is DARK spelled backwards and is not krad (kilorad), which is an exposure to radiation and is equal to 1000 rads. Human death occurs at around 800 rads. Rad: a unit of measuring absorbed doses of radiation, equal to 100 ergs of energy per gram. An erg is a very small amount of energy. I like natural examples and the World Book Dictionary by Thorndike and Barnhart 1987 has a great one:

“An erg is a very small amount of energy: It is about the amount that a moderately slow mosquito transfers when it collides with your forehead – and this does not include the sting.”

A mosquito is a little insect (bug) where the females like to sting you by pushing their proboscis (nose-stinger) into you and sucking your blood. They can carry different diseases including encephalitis. One of the little buggers may have given me Western Equine Encephalitis when I was much younger. It showed up in my blood in the late '80s when I was tested on my way to be vaccinated for it. Encephalitis causes inflammation of the brain: maybe that's what makes me “CRAZY”!

Today, physicists seem to be in search of many hidden things: dark energy; dark matter; extra dimensions for superstrings; the speed of time; spin of the Universe, and even reduced dimensionality extension to everything as our Common Space Outer Space is thought to be flat like a two dimensional round sheet of paper. A couple of notes: 1) Paper has thickness – so our Universe does have some thickness. 2) The superstring was not very vocal in the last Article.

This dark stuff maybe more challenging to explain and understand because no body knows! It's all about theoretical guessing: hot air blowing around from a lot of hot air blowhards – PhD gods” in the pantheon of current theoretical physics.

We are all infants (rookies) when it comes to guessing at NATURE and HER Ways Means and Methods, and none of us want to admit we could be wrong. I don't mind being wrong, just no one has told me yet, so I keep on with my fret (wearing away at current theory).

One may have multiple PhDs and expertise, but in this realm of theoretical it is all heavily tainted (infected) with BS (Bull Sh_T). And the current absurd NATURE BS, MS excrement has been

piling hire and deeper (PHDing) for 100 years. So I have a lot of shoveling to do to realign them to the LIGHT–TRUTH of NATURE’S MEND.

I must admit I can blow pretty hot and hard (BS with the best of them).

My guessing, hot air blowing, will be based on this new theory of NATURE with a single behemoth planetary particle in the beginning, which was spinning maybe at light speed, and the TRUE BIG BANG aftermath of that beast’s Blast Wave of hot stuff – HER Cosmic Creation Function $CCF = \int_{ccf} [(VR)(IR)(NR)(TR)(BW)(MD)(ER)(VG)] dx dy dz dt$ from Article 1.

If NATURE’S MEND turns out to be more explanatory than guessing maybe some more mysteries of current theory are brought into the LIGHT, WARMTH, and COMFORT of HER GOODNESS by HIS GOODNESS.

There’s an old saying, “There is more to it than meets the eye!” Does that mean that NATURE will always hide things in the dark? Does that mean that NATURE’S DARK is absurd? Or does HER DARKNESS mean, as Albert Einstein commented, “We must be missing some basic understanding.” Al also wondered, “Whether GOD could have made the Universe in a different way; that is, whether the necessity of logical simplicity leaves any freedom at all?”^B

Have the current theoretical physicists taken too much freedom in calling NATURE “absurd” as they try to figure out HER WAYS, MEANS, and METHODS with their non-spinning particles frosted with mathematics, linguistics, and multiple dimensions tied together with strings?

When things show up that they can’t explain with their theory, numbers, and talk they are left in the DARK!

As a kid, I always wondered what lurked in the darkness under my bed when I went to sleep at night. One night I looked with a flashlight and there was nothing lurking under my bed. It was hollow space. I slept a lot better after that! Then I started playing in the dark [Thinking and imagining in my closet without the lights on].

This dark challenge is not a concern for me. “It will be what it will be.” Idiom [Idiom – a phrase or expression whose meaning cannot be understood from the ordinary meanings of the words in it.] definition for “what will be will be” – The expression “what will be will be” is used to describe the notion that fate will decide the outcome of a course of events, even if action is taken to try to alter it. Have current theoretical physicists taken to much action to try to alter NATURE? What will NATURE’S MEND be?

What is lurking out there in hollow Outer Space of what they can see 14 billion light years in each direction around them; and beyond in what they can’t see? They currently know that their universe appears to be flat, like a round sheet of paper and not curved like a basketball or reverse curved like a saddle for a horse. They build their models of the universe around this flatness because the flatness exists in Outer Space. But, they cannot explain why it is flat. They use this flatness to work on NATURE’S Cosmos with only 2 dimensions instead of NATURE’S SPATIAL SPECIAL 3. Remember in 2D Space you can only see 1 dimension. I will always work in HER 3.

I’ve talked about their theory of the origin of it all, and in Article 3 I was rather belligerent (hostile) with the stink hole, sink hole, tight ass analogy of some of their theorized effects. Let’s compile this hostility and their theory into a diagram that represents the origin of their theory from

beginning to present. Their god concept is somewhat confusing for me so I have placed it in what I think is the best order.

Some critical things to understand before looking at their diagram are that:

1. Their oracle particle fist does not spin.
2. Their growth is in only two directions so they lose supersymmetry from the BOSS perspective.
3. Time is their third dimension.
4. They don't even consider the third physical dimension of our Common Space Outer Space.
5. They have everything spread out after their Big Bang so there is no gravity; yet stuff clumps over time because of gravity.
6. Then as clumping occurs - spin shows up with galaxies and planets.
7. And last DARKNESS invades as they struggle to explain what they see because their gravity theory can't cause it to be and up pops their Dark Energy, Dark Matter, and the Darkness of Origin Spin.
8. And now they have a pink giant and an ancient galaxy that their gravity can't contend with.

Let's walk through a descriptive of my hostile attack on their theory and then I will show it to you in a diagram:

- A. In the beginning there is nothing.
- B. Then a stink hole appears at the origin of everything spewing dark stuff of nothing into the plane of darkness to futz around.
- C. From this plane [plain] {either or} of darkness arises their god – Higgs Mechanism: it is a wave function of nothing.
- D. Their god through its spirit (frequency) gives birth to many sons of god – Higgs Particles: they are the same and everywhere in the plain of darkness.
- E. The tight ass effect takes over as the stink hole closes up and the sink hole takes over.
- F. Sons of their god come together to form their oracle particle that is no bigger than your fist.
 - a. Oracle – an answer to some question believed to be given by some god through a priest or priestess. It often had a hidden meaning that was hard to understand. Fate!
- G. Their oracle particle explodes – big bangs.
 - a. I have not found even a concept for the spark that ignited their oracle particle.
 - b. Did their sons of god begin to war against each other – Cain killing Able – and spark the breakup (big bang)?
 - c. Maybe a hidden fire god said let there be a pan of fire. And they will argue that for this very reason there is no value in looking into the very beginning because then GOD comes into play.
- H. Then they confess in a primordial fire ball from the big bang.
 - a. It can't be a ball for it would expand in all three dimensions of common space.
 - b. Thus I call it a pan – a flat disk a plain, but its flying in Space so it could be a plane.
- I. Their universe expands and cools and stuff begins to clump.
- J. It continues to cool as it expands over time and objects form.
- K. Objects clump and form galaxies and spin invades
 - a. The galaxies with the aid of their galactic gravity clump objects that form spinning objects.
 - b. And the galactic gravity captures gas clouds and forms more objects – stars.
- L. And today they observe from Common Space many galaxies full of stars and many other cosmic objects in Outer Space spinning some shining and some not.
- M. From these observations they have activities that their theory can't explain:

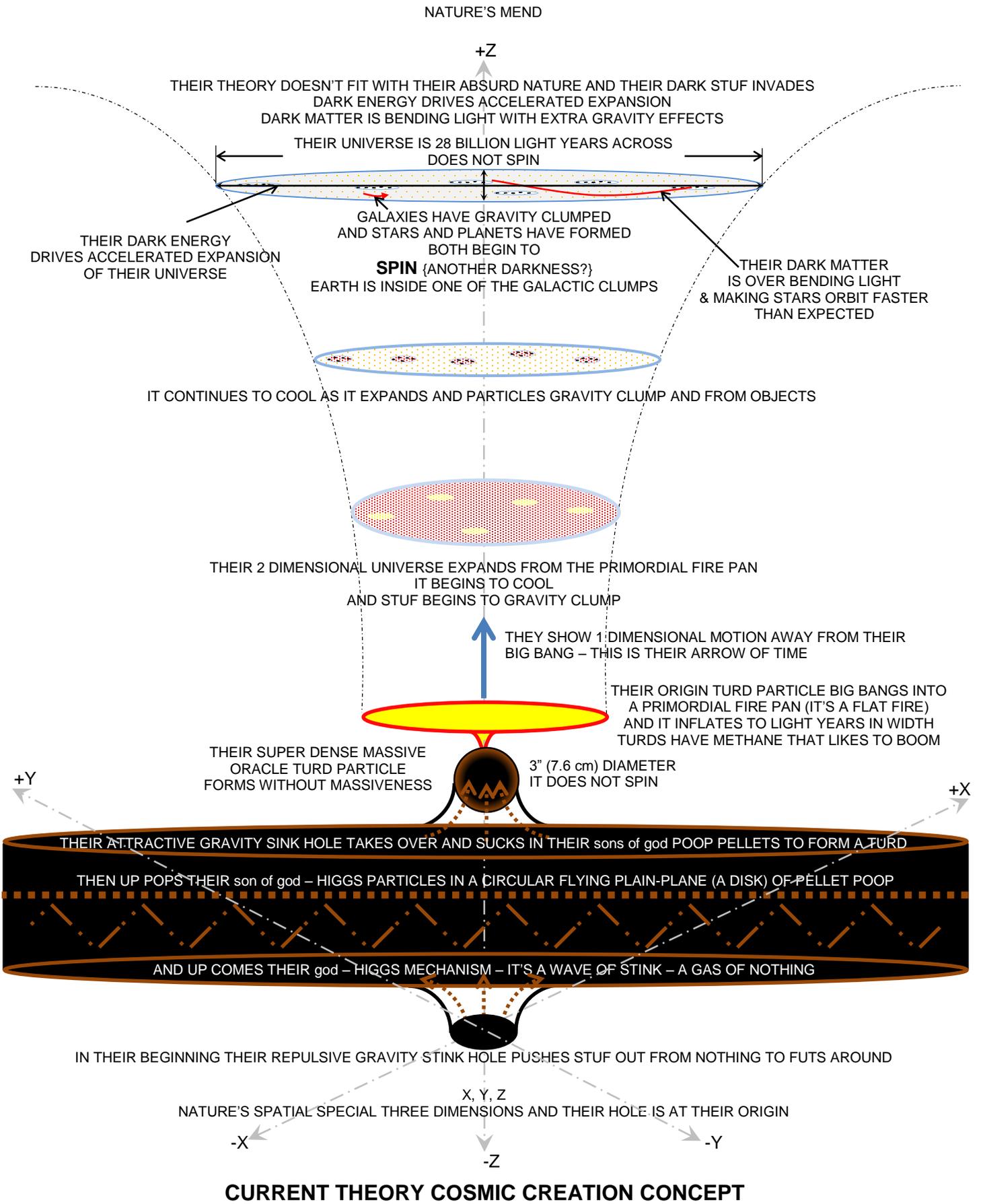
- a. The accelerated expansion of their universe with things moving faster and faster away from them in all directions. Actually not all directions – only two the X and Y of their galactic plain-plane.
 - i. They blame this on their Dark Energy.
 - b. Light from a faraway galaxy bends more than it should around another galaxy.
 - i. They blame this on their Dark Matter.
 - c. Stars orbit faster in galaxies than they should.
 - i. They blame this on their Dark Matter.
 - d. They combine the effects of “b” and “c” and propose a halo of gravity around every galaxy thus allowing for the effect of bending light and the pull on stars away from the core to speed faster than expected. The halo of gravity conflicts with the black hole soul, center of the galaxy.
 - e. And now observations are indicating that their universe may indeed be spinning.
 - i. They have not yet found Darkness to blame for this.
 - f. And I will add some darkness:
 - i. Because their universe is in a flat plain-plane and may or may not spin and hasn't flown out of alignment there must be some z-force – third dimensional force (dark god) acting to keep it in balance.
- N. If you look at their diagrams that they make of this they look like their black hole diagrams.
- O. See Figure 5.1 Current Theory Cosmic Creation Concept.

In NATURE'S MEND what can all this be? Remember MEND stands for Matter – Energy – aNd – Dynamics. At least the title of this new theory has half of their dark stuff in it (matter and energy). Or maybe I should say two thirds because the dark is common and constitutes only one item of three and this new theory contains two of the three, energy and matter. Or maybe it contains all of it and more if it all relates to the Dynamics of Matter & Energy and dark is an adjective to highlight their lack of basic understanding.

Maybe the hidden dimension is not extra, but the physical size of the one dimensional origin particles radius, its “r” from $x^2 + y^2 + z^2 = r^2$. Interesting, one dimension “r” and one indeterminate (the number of digits after the decimal point never end) constant “π” (3.141592654 and on and on) could encapsulate everything in the beginning. Though, the one dimension is cubed in the encapsulation calculation for the volume of a sphere making NATURE'S spatial special three pop into the theory.

If their “r” is 1.5” (3.8 cm) then there oracle particle is 3” (7.6 cm) in diameter. This would be about the size of an Orange, where as in NATURE'S MEND, HER Origin Particle is 12 to 120 billion light years or more in diameter. There isn't even a comparison that I can make between the oracle and origin particles of the two theories. All I can say is that the theories are on the opposite ends of the theoretical spectrum. Their theory is from nothing and NATURE'S MEND is from everything as fate would cause fulfillment of the dream.

Let's restate this for impact. Both theories seek an Origin Particle. This is more common brush strokes, but we are painting with different colors on completely different canvases now. In NATURE'S MEND HER “r” could be 60 billion light years or more. In current theory the “r” is teeny tinny: actually it doesn't exist; it pops up from an accumulation of the sons of god - Higgs Particles, “the god particle” that popped out of the god - Higgs Mechanism and accumulates to have an “r” of 1.5” (3.8 cm). If it takes 80,000 ergs of mosquito radiation to kill you, I bet it would only take one of their sons of god to do the job. The ONE REAL GOD doesn't like killing!



CURRENT THEORY COSMIC CREATION CONCEPT

Figure 5.1

I'm not sure NATURE likes other godly beings in HER HOUSE, I know GOD doesn't. So maybe GOD and NATURE are ONE in the SAME. "For when GOD created him, HE created him: male and female." If we are created in the image of GOD, is GOD both male and female in SPIRIT? And in SPIRIT, before there was anything GOD and NATURE can become ONE in SPIRIT in the BOSS [Beyond Outer Space Space] as the BOSS, CEO [CHIEF EXECUTIVE OFFICER] of Life and LIFE. I will quit BULK-ing around with GOD, and get back to NATURE'S MEND futzing-puttering on this dark stuff.

Maybe there's a darkness they're not seeing? Or maybe it's a LIGHT? What is gravity, really? What is the whole of the COSMOS? Will any of these things if discovered make it whole? Or will it only make us wonder? Or is there a greater wonder to be considered?

Maybe the hole (center of the TRUE BIG BANG) of the whole beginning is much darker, maybe even blacker, than anyone has imagined? NATURE is just doing what SHE wants whether we see it or like it or not.

SHE-HE'S a trillion ton eleph (a colossal being in the form of a human that is full of mischief) and we're the ants. Recall the eleph-ant analogy from the last Article. Talk about a nasty face plant! SHE-HE could turn out to be the B.I.T.C.H. of the UNIVERSE. SHE-HE is the Beautiful – Intelligent – Tolerant – Caring – Humanitarian that makes more than the world turn! Don't spurn THEM or you may get one titanic B – SLAP. I found the line to be rather funny, but the reflection to be very sad.

How many times in the past has man thought to have conquered, or at a minimum have control of NATURE and GOD, and SHE-HE has brought us to our knees? The Titanic is but one of these! The hurricane Katrina another! The world tsunamis another! The effects of one are still radiating in Japan! The monsoons! And Super Storm Sandy another! And global climate change may be another as a TOE tap of NATURE, Shoe-Maker-Levi-9, collided with Jupiter in 1994 and shifted the orbits of all the planets in our solar system! A little shift in our orbit does what to our weather Mr. Al Gore? Could orbital changes slowly gore us to death with Natural Disasters?

Let's get back to puttering around on this KRAD. What is dark energy and dark matter in NATURE'S MEND?

The current theory DARK STUF deals with dark energy, dark matter, and some other darkness as I belligerently spewed out earlier. Now let's FUTS around with KRAD [a reflection of NATURE'S MEND] and look at some wasted time lost in the relativity of current theory.

In the case of current theoretical physics they know there is a lot more energy affect with what goes on in the visible universe than can be generated by the matter in the universe. Most of this mysterious energy has become known as dark energy. Al's cosmological constant or vacuum energy is one possibility. But remember Al considered this his biggest blunder. Why are they still clinging onto it? Lack of basic understanding! In their theory nobody knows what it is or where it comes from.

This dark energy has only come to light in the last 20 years as instrumentation methodology has improved enough over the last 500 years, since Galileo first peaked into Outer Space with the first telescope; to detect its influence. Pardon the "come to light" pun: It is still dark, but now they know something more is going on than just gravity. If gravity can't hold it together what can? If gravity can't hold it together, did it even pull it together in the beginning and cause it's clumping?

Let's look at some of their work on this matter (subject) of Dark Energy. Lisa Randall confessed to it in her book "WARPED PASSAGES":

“The universe contains dark energy (energy that is not carried by any matter), that constitutes 70% of the total energy in the universe. Though it might explain dark matter, neither Supersymmetry (nor any other theory) explains dark energy.”

And she goes onto say:

“The question of why the energy density is so extraordinarily tiny is an entirely unsolved problem. Some physicists believe that there is no true explanation.”

Attempts to predict this tiny energy using string theory have failed miserably. The calculated value from string theory is way, way bigger than it is in the “Really Real World” of Common Space Outer Space.

They are claiming this dark energy constitutes about 70% of the universes total energy and matter does not carry it. Without matter there is no gravity so it or its source must be stronger than gravity for it to exist without matter.

They say it relates to a small positive vacuum pressure in empty space. And here is a mathematical and linguistics snag in current theory.

Using the concept of relativity, a vacuum exists because of a specific atmospheric reference pressure in Common Space set at sea level on earth at 14.7 pounds per square inch (1.03 Kg per square cm) (1013 millibars) at which water boils at 212 °F (100 °C), say near Naples, Florida in the United States of America.

A Common Space vacuum occurs when you have a pressure less than the “locally” occurring atmospheric pressure. However, it requires a manmade mechanical device called a vacuum pump to create the lower pressure. Does NATURE have a hidden vacuum pump?

“Locally” was used above because it changes with weather, such as the low pressure associated with hurricanes. The lowest pressure hurricane was tracked over the Caribbean Sea at 12.8 pounds per square inch (0.90 Kg per square cm) (882 millibars) in 2005. Wilma punched the Yucatan Peninsula on 21-Oct-05 and then curled around and slapped Naples, Florida on 24-Oct-05.

“Locally” also relates to elevation because the Common Space conditions are different for elevated cities. Denver, Colorado in the United States of America has an atmospheric pressure of 12.1 pounds per square inch (0.85 Kg per square cm) (834 millibars) and water boils at 202 °F (94.4 °C)). Note: Denver, Colorado has a normal atmospheric pressure lower than the lowest pressure hurricane recorded to date. If you cook, some recipes make comments about using them at high altitudes – low pressures. After all Denver is called the Mile-High City. And I’ve heard there is a special donut made on the top of Pikes Peak at over 14,000 ft. or 2.65 miles (4.27 Km).

As we continue to travel from Denver, Colorado over Pikes Peak and towards Outer Space the pressure continues to drop. At some point in Outer Space the relative earth reference pressure must become zero and thus space must be in a vacuum.

But vacuum is relative to earth and not Space as was discussed above. So they say the Outer Space pressure has that small positive value. They say this small positive value is related to the accelerated expansion of the Universe. They don’t know what is causing this small positive value and thus the cause is unknown and has been dubbed dark energy.

Let's summarize NATURE'S MEND in contrast to their theory and then provide a diagram of HER COSMIC CREATION PROCESS and then work some more on this darkness. We will edit their text [my belligerent outline] from above showing the changes side by side to emphasize the contrast.

Some critical things to understand before looking at HER diagram are that:

1. ~~Their oracle particle~~ **HER** origin particle ~~does not~~ spins.
2. ~~Their~~ **HER** growth is in ~~only two~~ **three** directions so ~~they lose~~ **SHE maintains** supersymmetry from the BOSS perspective. **Even though the growth in one dimension is very limited.**
3. **Time is an occurrence in HER volume [COSMOS]. It is tracked by watching motion in all three spatial dimensions.** ~~Time is their third dimension.~~ Time will be touched on at the end of this Article and addressed in detail in the Epilogue.
4. ~~NATURE'S MEND~~ is anchored at the core (0, 0, 0) point of the three spatial dimensions of the center of HER Origin Particle. So when you look at the progression of time in the diagram of NATURE'S MEND the X, Y, & Z axis always intersect at HER CORE. ~~They don't even consider the third physical dimension of our Common Space Outer Space.~~
5. **SHE has everything [all MATTER ENERGY aNd DYNAMICS {SPIN}] in the beginning, so SHE doesn't need gravity.** ~~They have everything spread out after their Big Bang so there is no gravity; yet stuff clumps over time because of gravity.~~
6. **SHE has everything spinning in the beginning and disperses spinning chunks into Outer Space so there is no need for clumping or to create spinning.** ~~Then as clumping occurs spin shows up with galaxies and planets.~~ HER clumping comes as an after effect in star formation of RD [Reconstitution and Detonation] identified in Article 1 and outlined in Article 3 with a BIG DOG scratching an itch.
7. **And last SHE shines LIGHT [EXPLANATION] on everything so there is no DARKNESS in HER.** ~~DARKNESS invades as they struggle to explain what they see because their theory can't cause it to be and up pops Dark Energy, Dark Matter, and the Darkness of Origin Spin.~~
8. And now they have a pink giant and an ancient galaxy that their gravity can't contend with. **SHE will!**

Let's walk through a descriptive of my ~~hostile attack~~ **honest effort of Geometry and Process Engineering** on their theory **NATURE'S MEND** and then I will show it to you in a diagram:

- A. In the beginning **SHE** ~~there is~~ **has EVERYTHING** ~~nothing~~.
- B. **There is no stink in HER.** ~~Then a stink hole appears at the origin of everything spewing dark stuf of nothing into the plane of darkness to futz around.~~
- C. **There is no god in HER. Though SHE may be the GOD.** ~~From this plane [plain] (either or) of darkness arises their god — Higgs Mechanism: it is a wave function of nothing.~~
- D. **There are no sons of a god in HER. SHE already has everything SHE needs in SS₁CME₁ to create and expand a UNIVERSE.** ~~Their god through its spirit (frequency) gives birth to many sons of god — Higgs Particles: they are the same and everywhere in the plain of darkness.~~
- E. **SHE'S not a tight ass, though SHE can be a HARD ass with weather et al.** ~~The tight ass effect takes over as the stink hole closes up and the sink hole takes over.~~
- F. **SHE has everything in the beginning so nothing needs to come together for HER to do HER WORK.** ~~Sons of their god come together to form their oracle particle that is no bigger than your fist.~~
 - a. ~~Oracle — an answer to some question believed to be given by some god through a priest or priestess. It often had a hidden meaning that was hard to understand. Fate!~~

- G. **SHE has a TRUE BIG BANG and SHE has a trigger for HER BLEVE. Their oracle particle explodes ~~big bangs.~~**
- ~~a. I have not found even a concept for the spark that ignited their oracle particle.~~
 - ~~b. Did their sons of god begin to war against each other – Cain killing Able – and spark the breakup (big bang)?~~
 - ~~c. Maybe a hidden fire god said let there be a fire pan. And they will argue that for this very reason there is no value in looking into the very beginning because then GOD comes into play.~~
- H. **Because of HER high speed spinning [light speed] SHE doesn't have a ball but a squashed sphere – a discus – and when it blows up with spinning it slings way more stuff in two directions (about HER equator) than the third, thus SHE is naturally flat. Then they confess in a primordial fire ball from the big bang.**
- ~~a. It can't be a ball for it would expand in all three dimensions of common space.~~
 - ~~b. Thus I call it a pan – a flat disk a plain, but its flying in Space so it could be a plane.~~
- I. **SHE expands naturally as HER BLEVE pressure drops. Along the way SHE cools off. Their universe expands and cools and stuff begins to clump.**
- J. **SHE ~~is~~ continues to cool as SHE ~~is~~ expands over time. Most of HER objects are already formed and spinning and objects form.**
- K. **SHE has spinning Little Big Bangs from existing objects that form galaxies, planets, and stars; and SHE has RD to form new objects from gas clouds from all HER BANGING. So most stuff is already spinning. Objects clump and form galaxies and spin invades**
- ~~a. The galaxies with the aid of their galactic gravity clump objects that form spinning objects.~~
 - ~~b. And the galactic gravity captures gas clouds and forms more objects – stars.~~
- L. And today we ~~they~~ observe from Common Space many galaxies full of stars and many other cosmic objects in Outer Space spinning some shining and some not.
- M. From these observations **SHE ~~they~~ will** have activities that **HER MEND ~~their~~** theory can ~~can't~~ explain.
- a. The accelerated expansion of **HER ~~their~~** universe with things moving faster and faster away from them in all directions. Actually not all directions – only two, the X and Y of **HER Equatorial ~~their galactic~~** plain-plane.
 - i. **No blame – SHE will explain. They blame this on their Dark Energy.**
 - b. Light from a faraway galaxy bends more than it should around another galaxy.
 - ii. **SHE will MEND [fix and repair - shine light on] this darkness. They blame this on their Dark Matter.**
 - c. Stars orbit faster in galaxies than they should.
 - i. **SHE will MEND [fix and repair - shine light on] this darkness. They blame this on their Dark Matter.**
 - ~~d. SHE will MEND [fix and repair - shine light on] this darkness. They combine the effects of "b" and "c" and propose a halo of gravity around every galaxy thus allowing for the effect of bending light and the pull on stars away from the core to speed faster than expected. The halo of gravity conflicts with the black hole soul, center of the galaxy.~~
 - e. And now observations are indicating that their universe may indeed be spinning.
 - i. **SHE will MEND [fix and repair - shine light on] this darkness for SHE is already spinning. They have not yet found Darkness to blame for this.**
 - f. And I will remove ~~add~~ some darkness:
 - i. **SHE has no dark gods! Because their universe is in a flat plain plane and may or may not spin and hasn't flown out of alignment there must be some z force – third dimensional force (dark god) acting to keep it in balance.**

- N. **When you look at HER COSMOS it will look a lot like our very own Milky Way Galaxy. Shouldn't we expect HER to look similar in the beginning and the end and in between? And HER diagram looks a lot like theirs. ~~If you look at their diagrams that they make of this they look like their black hole diagrams.~~**
- O. See Figure 5.2 NATURE'S MEND COSMIC CREATION PROCESS.

Now, from a NATURE'S MEND Outer Space perspective after the TRUE BIG BANG any pressure in Outer Space would be positive. For in the beginning the Outer Space of the Origin Particle was at Absolute 0 for both pressure and temperature. This Outer Space at that time from Article 1 was called the Outer Void for it was void of everything Vacuum, Heat, Pressure, Matter – Energy – aNd – Dynamics and even light. And now it has been dubbed the BOSS (Beyond Outer Space Space). Everything was contained in HER Origin Particle, NATURE'S FIRST and LARGEST fireworks shell in the beginning and it had not gone off, exploded, BIG BANGED.

Whatever the pressure in Outer Space is after NATURE'S MEND TRUE BIG BANG it has to be positive. Because when anything blows up it creates a shock wave or pressure wave and expands as it accelerates out with everything moving away from everything faster and faster. Also, and maybe more so, all the remaining matter after the blow up has been slung into Outer Space along curved paths away from the core of the explosion. And it is this continued motion that's causing these dark changes to our Cosmic Ocean.

Maybe the tiny positive pressure (dark energy) they see is related to how much energy expansion is left from NATURE'S MEND Origin Particle TRUE BIG BANG and Centrifugal Sling (released spinning energy). The energy is not dark but a dissipation of the energy of the original Blast Wave and Matter dispersion (Centrifugal Sling) from the recipe card of NATURE'S MEND outlined in Article 1. And at the core of the TRUE BIG BANG is a NATURE made VACUUM [DARK HOLE] that is poised to recover it all.

In addition to the above maybe we're caught between a depleting expansion and an increasing suction and that's why everything around us looks like it's accelerating away from us? How can we know if we can't see the whole (entire) COSMOS?

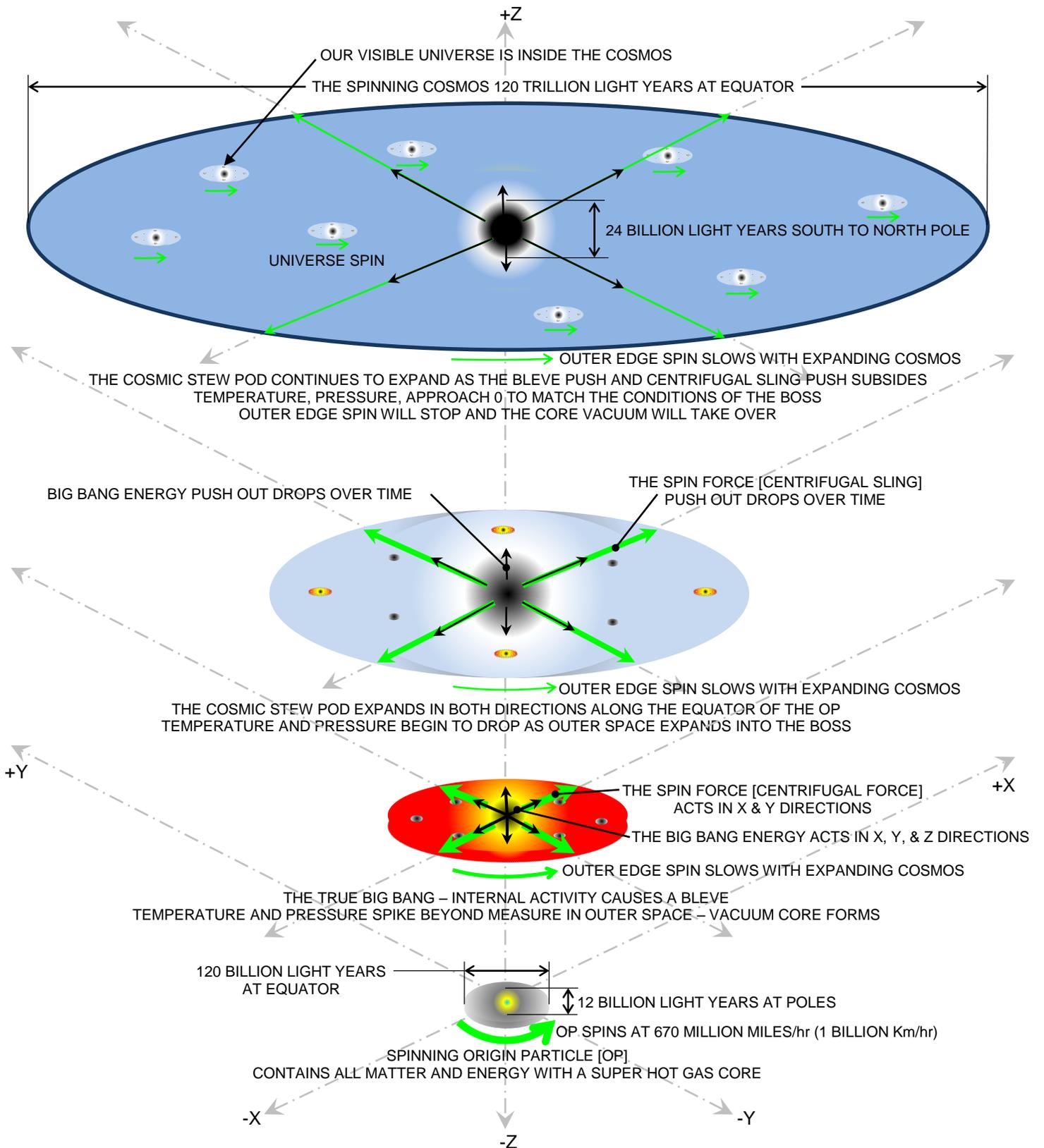
Or maybe we are not at the center of it all and all of it is moving away from us as we are moving away from the CORE of NATURE'S TRUE BIG BANG. Just a little loop to loop.

NATURE'S MEND has reasoning for the positive value of the vacuum of space, the dark energy of current theory and why everything is accelerating away from us. And it is so small because we are about out of energy. We are about out of Time relatively speaking. We {The COSMOS} could be down to our last billion or trillion years.

Now we have a theory that explains dark energy and it can have a very small value if we are nearing the end of our cycle of SS_nCME_n . The ultimate prize maybe calculating the very small value for we don't know where to begin; how explosive the TRUE BIG BANG was; how fast HER Origin Particle was spinning; or where we're at in the WHOLE of NATURE'S MEND cycle today.

Furthermore if we consider that this TRUE BIG BANG release of pressure energy has been dissipating for 20 billion years to 120 billion years or more the added reasoning is that it should be very small, and it is. It must have been one hell of a BANG in the beginning to still be moving today. And they believe this in current cosmology. As it was in the beginning so shall it be in the end.

NATURE'S MEND



NATURE'S MEND COSMIC CREATION PROCESS

Figure 5.2

So much for the darkness of this dark energy in NATURE'S MEND! It comes from all the energy releases of the TRUE BIG BANG of NATURE'S MEND Origin Particle – HER Cosmic Creation Function - $CCF = \int_{ccf} [(VR)(IR)(NR)(TR)(BW)(MD)(ER)(VG)] dx dy dz dt$. After a Big Blast there's not much matter left because most of the blast is unseen energy [dark energy]. It's not attached to mass or anything else, and that's why it is also called a shock wave. It is so small now because there's not much shock or wave left.

One down [darkness to light] – NATURE scores a slam dunk on Dark Energy!

Now they have this energy effect in the visible universe that appears to be caused by their gravity. Because the current theory is rooted in gravity there also has to be mass that can't be seen causing these extra energy gravitational effects in the visible universe. And this extra-unseen mass is their dark matter. Because their dark matter has both outer galactic effects and inner galactic effects they needed a special gravity effect that surrounds the galaxy and they call it a galactic halo of gravity. A halo – associated with angels – divine beings – their divine being is gravity! They have a father god – Higgs Mechanism; a son of god – Higgs Particle; and a spirit god – Gravity. Sounds like the trinity. By the way GOD has no trinity – HE IS ONE!

The September 2007 Natural History⁶¹ article on Dark Matter where Dr. Bernard Sadoulet was mentioned as “the grand old man of dark matter detection” along with quotes of AI's from “The Elegant Universe” by Dr. Greene; and of course the informative work of “Warped Passages”, by Dr. Randall have placed another challenge to the applicability of the CPE ∇ M-EnD. Can it define this darkness also?

This dark matter has been around since 1932 when Jan Oort first proposed it. In 1933 astronomer Fritz Zwicky and Sinclair Smith first confirmed its existence. They had shown that some objects in a galaxy had orbital velocities (speed), like our earth around our sun, they actually used a stars light and something called red and blue shift, of 10 to 100 times faster than what would be expected by the gravitational theory of galactic formation.

They were ignored by their counterparts.

It took until the 1970s before it found support as a valid idea in current theory with the work of Rubin, Freeman, and Peebles. Just a note: Rubin is her last name – another woman at work on NATURE. It is a science for both female and male – a brilliant brain knows no gender – it's all splendor!

Dark matter suffered some 40 years of neglect.

Will NATURE'S MEND suffer the same neglect?

No wonder Zwicky thought his counterparts to be “spherical bastards”. He said this because no matter how you looked at them he thought they were the same, like a sphere and were bastards (inferior - not genuine) thus he thought of them as “Spherical Bastards”. I'm guessing that this was his intended definition for bastards because they ignored him.

You're alone when you're out on the bleeding edge of theoretical proposing something strange and new. And it's been over 80 years since Oort proposed it and Fritz and Sinclair confirmed it. And they're still puttering futzing around trying to define it today. Poor cantankerous Fritz hadn't made it into the 1985 addition of the World Book either. Fritz, if you're listening, I know how you felt. Fritz passed from Common Space into the BULK₃ darkness of afterlife 08-Feb-1974.

This dark matter constitutes about 25% of the energy of the visible universe.

It's not only the speed of objects within a galaxy that represent this dark matter. It also has to do with what they see in the bending of light around galaxies. The more the light from one galaxy bends around another galaxy between them and the light of the galaxy they are looking at, means the greater the gravitational effect of the second galaxy or bending galaxy between them and what they are looking at.

Because they can see the light from the first galaxy and calculate the mass of the bending galaxy they know how much the light should bend. However, when it bends more than expected they say the mass of the galaxy bending the light has to be greater than the mass they see so the extra mass has to be in hidden or dark matter.

Maybe a scorecard of the ratio of solved to unsolved mysteries [darkness] should be a measure of the strength of the theory. If you're in a rush they're in the Epilogue!

Maybe this "Crazy" man and this new theory of NATURE is like George Forman²⁴, and GOD is like Muhammad Ali²⁵ playing the rope a dope. When I get wore out GOD is going to knock me out. I hope not! I wouldn't survive that punch! For now I will quit punching at GOD and take a swing at some more of this dark stuff.

For a little more reflection on the black subject at hand let's continue on with dark matter. What would be the imposition of the Cosmos Process Engineered ∇ M-EnD on this Dark Matter? Dark Matter being something sought after in the current theory, but as of yet undiscovered. Its gravitational effects have been observed so its cause is the Ghostly Matter² [matter {subject} of matter {substance}].

Consider that if the Birth particle [NATURE'S Origin Particle] of the UNIVERSE was of Planetary Scale, with a radius of inverse Planck Length (1/PL) [remember Planck Length is a very, very, tiny, tiny number] so 1 divided by this is a very, very, huge, huge number to some power, say 1/PL.

The equation would look like:

$$(1/PL)^{1/PL} - [HUGE-NUBMER^{HUGE-NUMBER}]$$

the radius would be a super huge number.

And we guessed at it to be around 60 billion maybe trillion or more light years.

And in the TRUE BIG BANG and subsequent degrading Bangs if 90% of the mass, nominally half the diameter, was converted to forms of energy, what would be the effects caused by this energy on the remaining mass as it was strewn throughout the COSMIC Stew Pod?

In theoretical play 90% is very close to 95% [70% dark energy & 25% dark matter] and worth taking a closer look at especially when dark energy is now explainable in the LIGHT of NATURE'S MEND BIG BANG Blast Wave et al.

And things are still popping in the COSMOS today, though they are little big bangs relatively speaking, and we wonder at their effects.

What are the effects of the first TRUE BIG BANG shell of NATURE, the Origin Particle, detonated by NATURE on visible matter?

With a shock wave and flying debris you can have compression especially when something is moving very fast. Maybe dark matter is a combination of the Blast Wave energy [dark energy] from the TRUE BIG BANG and super-duper-supersonic velocity compression from the Origin Particle Centrifugal Sling dissipation of cosmic matter. Remember the Origin Particle is spinning and maybe at the speed of light. Outer Space compression: has it ever been considered?

If a large bunch of stuff (a galaxy) is compressed by NATURE'S MEND dissipating TRUE BIG BANG, it is smaller than gravity theory can explain, and its ultimate compression could cause greater bending of light than its apparent (visible) mass.

And if a large bunch of stuff (a galaxy) is formed from a chunk of stuff that had a Little BIG BANG blowing it apart, instead of being pulled together by gravity, its inner stuff could be moving faster as it accelerates away from its core due to the combined effects of its very own blast wave and its very own centrifugal sling. Thus making its galactic objects speed faster than gravity can accelerate them to be. Its motion and effect would be restricted by everything from the beginning.

This accelerated motion replicates a g-force. Thus the velocity of stars or other objects within the galaxy caused by the duality of NATURE'S MEND BANGING combined with HER CENTRIFUGAL SLINGING [a summation of two g-forces: more dark energy] could easily result in them traveling at speeds faster than expected from the singularity of current theory gravity's g-force effect. It's not a halo of gravity, but NATURE'S MEND of compression that makes it so.

How fast could we be moving and how much cosmic compression could this cause? Accelerated compression [g-force²] from the Origin Particle's SPIN and TRUE BIG BANG may be dark matter light bending effects around galaxies of how fast we are moving.

Dark Matter could just be the imposition of NATURE'S MEND black energy [not detectable but observable in gravity effects] on visible matter. After all we know NATURE'S whole COSMOS is expanding and now they think it could also be spinning. By the way both of these come out of NATURE'S MEND naturally.

SHE has no darkness relative to their darkness.

Let's look at how fast we could be moving. We observe what we can see in the universe moving: how fast is it moving? Speed involves time, and 100 years ago Al-E [Albert Einstein] made it all relative.

An added question is how is it moving – in straight lines or on curved lines? Straight lines are constant velocity vectors (pointing arrows) without acceleration. Curved lines are constant velocity vectors (pointing arrows) that are undergoing constant acceleration because of changes in direction of the pointing arrow [velocity vector] as it moves around the curved line [orbit]. You feel this acceleration effect when you spin on an amusement park ride or going around a curve in a car. This is also known as the g-force. And AL said and showed that accelerated motion is equivalent to gravity. Thus we are on a sound-track² – foundation of a new theory and singing a new tune!

Some insight from a quote from "The Elegant Universe" By Dr. Greene – "Here's the leap: Einstein proclaimed that all objects in the universe are always traveling through spacetime at one fixed (constant) speed – that of light."

As I cast finger to key and produce this Article electronically I wonder how can that be? In thought my finger is at rest and it moves when that thought is expressed with my little banging of the keys on the keyboard. Its velocity is not constant, I've observed it change speed in the Common Space of NATURE.

Though the relative velocity of my finger speed to the speed of light is very-very small and can be considered an ant and dropped out of the evaluation. However, if you do, the theory of relativity is no longer chinkless: absolute. It's been fudged! Maybe there has been too much fudging in current theory?

I learned a long time ago to never ignore the ants, some ants can do tremendous things: as in the case of an injected ant of ethylene oxide (EO) into a continuously stirred tank reaction of water et al. But an ant of water in an elephant of EO can be a very bad thing; it can be a big bang (it spontaneously detonates). Not only that, EO also placards 4s for health and flammability {4 is the highest number and it relates to the worst condition}. EO is one of the worst chemical compounds around. It is used in the process of making starch for the paper industry. It is also used for sterilizing medical devices. Let's hope no one gets a lactated ringer of EO in their drip IV because of some fudging.

What is hidden from me that I can't see? What ants have been ignored? Maybe it was an eleph-ant that has been ignored? Maybe it wasn't created? Maybe all of it just existed? Existed in the behemoth (huge) Origin Particle of this new theory of NATURE'S MEND for the UNIVERSE!

With limited geometry can I peak at the COSMOS and see me at the speed of light velocity? Because from the SPINNING TRUE BIG BANG the surface between Outer Space and the BOSS must be spinning at light speed because there is nothing to slow it down. It's going to take a BIG VACUUM to stop it and suck it back in.

First, what does the geometry of the COSMOS look like? We know our earth car rotates (spins) in the "Really Real World" of Common Space that's why the sun sets and rises. I had a nice debate with my high school English teacher whether the sun rises or is raised, for it is actually the motion of the earth that makes it appear in the east and disappear in the west. It's racing around [circles (orbits)] the sun, that's why there are seasons; and it moves with the solar system that is racing around (orbiting) in the Milky Way Galaxy, not sure how to relate this – maybe global climate change. And now we know it could be racing around in the COSMOS itself in the "Really Real World" as it is in this theory.

These rotations all contribute to my ultimate speed, that of light. And if I'm driving or just riding in a racecar on our earth car I'm going a little faster. And if I'm texting while driving or riding I'm going a little faster. "Do you want to go a little faster." called the carney running the bobsled at the North Dakota State Fair in Minot, North Dakota, USA. I was a kid and I loved the state fair and going a little faster.

How many more vectors (pointing arrows) of velocity, or orbits of orbits, would I have to have to put me at the speed of light [186,282 miles/second (299,792 kilometers/second)] or [670,615,200 miles/hour – roughly 670 million miles per hour] [1.1 billion Km/hr] velocity?

Then the question arises how far would these orbits stretch when each radius of rotation is added to the next. Would the stretch be in observable "r"s or would it be way beyond our vision? Or hidden in extra dimensions in current theory?

And what happens to all of these in Time? And if space is changing as well, will I ever catch up to myself, relatively speaking theoretically, let alone mathematically or linguistically? Am I absurd for even trying? I wouldn't mind being like their NATURE.

And maybe that's the problem with the current theory, they are trying to build a perfect static [still – not moving – not spinning] mathematical model of NATURE, when SHE is NEVER PERFECTLY still. SHE is moving constantly in three directions in Inner Space and Outer Space and most of HER we can't see. SHE NEVER looks the same from our limited observational point particle of earth on which we are just point particles of Planck Scale. SHE will mutate before they can mature [ripen – mature their theory] for the light year observations are long past, influenced by dark energy and dark matter from long past and we were not part of the cast.

Maybe SHE'S not absurd, but abstract, and the absurdity is in our efforts to make HER look like a painted picture, like a Mona Lisa with that famous smile. Maybe Mona Lisa's smile is the feminine spiritual reflection of Leonardo? He was the venerable genius of the last two millenniums. Would he paint a feminine reflection of himself? The idea of the Mona Lisa as a self-portrait I've learned is not something new, it has been proposed by others. Lillian Schwartz considered this in 1987 with half facial overlays of a thought to be red chalk self-portrait by Leonardo onto the Mona Lisa. Maybe it is not a self-portrait, but a portrait of NATURE, for Mona – Lisa translated means: Solitary, One – GOD is Satisfaction.

Looking back into the darkness of history when we really don't know, is just guessing. Maybe the red chalk portrait is of GOD? The two combined then become GOD is inside each of us and we need to find HIM to have satisfaction. And Mona-Lisa comes to be with NATURE – the solitary GOOD WOMAN with the GOOD MAN – GOD behind HER. Will we find GOD as the GOOD MAN behind the GOOD WOMAN at the end of this work?

Sometimes the fun is in the craziness (imagination) of the idea not the success (knowledge – understanding).

Let's take a gander at how many orbits we need to be at the speed of light.

First we will look at the geometry of an earth bound observer "KO" traveling at the speed of light.

Because he is fixed to the earth that would mean that the earth must be travelling at the speed of light. Fixed, here meaning lying on a deserted island beach gazing at the stars and contemplating the ORIGIN of it all and beyond versus riding in a racecar or at most a go-kart.

He doesn't move because there is no place to go and no one to play with. Maybe that's why he is crazy. I remember doing this as a kid in my backyard. However there was no beach and I didn't grow up on the equator. I did a double barrel roll (loop to loop) through the air faster than finger speed with a go-cart once and walked away. Maybe I should walk away from this CRAZY play?

Can we evaluate our light speed based on what we know today? Currently there are at minimum, four degrees of motion of a fixed earth observer. They are rotation of the earth (spin); rotation about the sun (orbit); rotation within the Milky Way (orbit); and the Milky Way's rotation through the Universe (orbit).

In current theory they claim the Universe doesn't spin or rotate. However, current Common Space observations of Outer Space galaxies and their spin are indicating that our Universe just might be spinning. They don't have any idea for the cause of this spin.

Just remember they use to think the world (earth) was flat. The flat earth idea was proven to be absurd long ago.

And we have seen previously that the Origin Particle could spin in NATURE'S MEND causing everything to spin. If it does spin our limited view may not let us observe its spinning. Or maybe it is spinning so fast we can't see it spinning: say at the speed of light [light speed] and thus we are all spinning at a minimum of the speed of light.

If we add one multiverse (current theory claims there has to be more than one of us out there). In this example the multiverse will be an extra orbit (a vector of velocity) and then the COSMOS we have a minimum of six degrees of motion of an earth observer.

We know the nominal velocity on the surface of the earth due to its rotation is about 1000 miles (1609 Km) per hour. This actually varies depending on your location: the closer that we approach the poles from the equator, the slower we go. It has to do with the shape of a sphere and lines of latitude which slice through the axis like cutting an orange from navel down. This is another chink or ant to be ignored in our light speed velocity evaluation? Remember the earth is tilted by 23.5 degrees.

For now the beach is along the equator

The speed of the earth about the sun is 66,000 miles (106,214 Km) per hour.

And the earth about the Milky Way is 558,000 miles (897,984 Km) per hour. Or is it the solar system about the Milky Way. If you check this speed varies about plus or minus 12% for the earth.

Combining these three velocities we are currently traveling at 625,000 miles (1,006,000 (just over a million) Km) per hour as we set and read this work. A little faster if you're on bus, train, or plane. We are still a long way from 670 million [670,000,000] miles [1.1 billion Km] per hour. We need to multiple our current speed by at least 1,072 to reach our ultimate speed, that of the speed of light.

Is there any relationship that exists that links these orbits together? If so can we extend this relationship so that "KO" can reach the speed of light?

I will use a Microsoft Excel spreadsheet to develop this vector (pointing arrow) train of velocities and look for a pattern of extenuation (common link).

If we plug the four known rotations into an Excel spreadsheet and look at sequential multipliers and square roots of these multipliers a nominal relationship appears in the roots. The square root of the multiplier of the previous speed appears to be the multiplier for the current speed to reach the next speed.

Sounds and reads complicated. So let's break it down. What is the multiplier? Our first speed is earth's spin speed of 1000 Miles per hour (MPH). Our second speed is the speed of our orbit about the sun and is 66,000 MPH. So 66,000 MPH divided by 1000 MPH results in a multiplier (ratio) of 66 (no units like miles per hour or anything else).

Now, what is a square root again? It is the number times itself that gives you the number you are looking at. For example if we look at the number 4 what number times itself gives us the number 4? The answer is 2, for 2×2 equals 4. The first square root we need is that of 66, and it is 8.12.

For our motion, 1000 MPH (earth spin speed) times 66 = 66,000 MPH (earth's orbit speed in the solar system). Then 66,000 MPH times 8.12 equals 536,000 MPH or 96% of our anticipated speed about the Milky Way.

This is pretty close, so we will make a small adjustment (tiny fudge) of a 4% increase and the number plugged into the spread sheet becomes 8.45. We then let the calculations run out.

See Table 5.1 Orbits Required to Reach the Speed of Light so "KO" can reach the ultimate velocity, that of light. The table shows the multiverse extensions and a running sum of velocity until the speed of light is reached. Because so many extra orbits are required a section of the Excel spreadsheet has been hidden between item 30 and 140. Note: The multiplier quickly approaches 1.0 so even if we could see that far, we might not see motion in our COSMIC Ocean.

If Dr. Greene is quoting Einstein correctly we can answer the question, "How many vectors (orbits) of rotation would it take to be travelling at the speed of light in the universe?" Based on Table 5.1 it would take 147 orbits to reach the speed of light, at least within $2/10^{\text{TH}}$ of one percent. Not bad!

A further condition that increases the randomness of this scenario, requires more vectors (orbits), is if any one or potentially all of the orbits are slightly out of plane with each other. And this effect is apparent in the first orbit, earth's rotation, spin, due to our tilted axis.

It has to do with that Goliath math called trigonometry again. However, I won't over detail it like I did in the last Article.

Let's just say that in all likelihood, for "KO" to reach the speed of light velocity the current theory needs to reach into infinity [the Darkness of the BOSS]. Thus it can be said the current theory will never end, never come to a conclusion to what darkness is really out there and what this dark stuff is!

Another quandary comes about because these are rotating velocity vectors (pointing arrows), they change direction as they travel around their orbits. Using our sun as a reference as it orbits the center of the Milky Way it is traveling at 558,000 miles/hr (897,984 KM/hr). Earth orbits our sun at 66,000 miles/hr (106,214 KM/hr). When the earth is traveling in the same direction as our sun in the Milky Way the earth is traveling at 624,000 miles/hr (1,004,000 Km/hr). When the earth is traveling in the opposite direction as our sun the earth is traveling at 492,000 miles/hr (792,000 Km/hr): a $\pm 12\%$ difference. The 4% fudge that I made earlier is only $1/3^{\text{RD}}$ of this variance. Thus, anytime that the vectors are not pointing in the same direction "KO" cannot be travelling at the speed of light.

There must be some other multiverse flywheel-constant-velocity inertia (hidden, dark stored energy) at play to keep "KO" at the speed of light anyway?

Even so there would have to be slight oscillations in velocity for it to balance variations of finger speed, barrel role speed, or variations in earth's speed due to radius variations such as between Naples, Florida and Denver, Colorado: the spin velocity difference of earth between these two locations.

NATURE'S MEND

ITEM #	A	B	C	D	E
	STATION VECTOR	VELOCITY VECTOR MPH	MULTIPLIER B_n/B_{n-1}	ROOT $(C_n)^{1/2}$	VELOCITY MPH
1	EARTH	1,000			1,000
2	EARTH TO SUN	66,000	66	8.4489999	67,000
3	SOLAR SYS - MILKY WAY	558,000	8.45	2.9067164	625,000
4	UNIVERSE ¹	1,621,948	ROOT D _{n-1}	1.7049095	2,246,948
5	UNIVERSE ²	2,765,274	"	1.3057218	5,012,222
6	UNIVERSE ³	3,610,679	"	1.1426819	8,622,900
7	UNIVERSE ⁴	4,125,857	"	1.0689630	12,748,757
8	UNIVERSE ⁵	4,410,388	"	1.0339067	17,159,146
9	UNIVERSE ⁶	4,559,930	"	1.0168120	21,719,076
10	UNIVERSE ⁷	4,636,592	"	1.0083710	26,355,667
11	UNIVERSE ⁸	4,675,404	"	1.0041768	31,031,072
12	UNIVERSE ⁹	4,694,932	"	1.0020862	35,726,004
13	UNIVERSE ¹⁰	4,704,727	"	1.0010426	40,430,731
14	UNIVERSE ¹¹	4,709,632	"	1.0005211	45,140,363
15	UNIVERSE ¹²	4,712,086	"	1.0002605	49,852,449
16	UNIVERSE ¹³	4,713,314	"	1.0001303	54,565,763
17	UNIVERSE ¹⁴	4,713,928	"	1.0000651	59,279,691
18	UNIVERSE ¹⁵	4,714,235	"	1.0000326	63,993,926
19	UNIVERSE ¹⁶	4,714,388	"	1.0000163	68,708,315
20	UNIVERSE ¹⁷	4,714,465	"	1.0000081	73,422,780
21	UNIVERSE ¹⁸	4,714,504	"	1.0000041	78,137,283
22	UNIVERSE ¹⁹	4,714,523	"	1.0000020	82,851,806
23	UNIVERSE ²⁰	4,714,532	"	1.0000010	87,566,338
24	UNIVERSE ²¹	4,714,537	"	1.0000005	92,280,876
25	UNIVERSE ²²	4,714,540	"	1.0000003	96,995,415
26	UNIVERSE ²³	4,714,541	"	1.0000001	101,709,956
27	UNIVERSE ²⁴	4,714,541	"	1.0000001	106,424,497
28	UNIVERSE ²⁵	4,714,542	"	1.0000000	111,139,039
29	UNIVERSE ²⁶	4,714,542	"	1.0000000	115,853,581
141	UNIVERSE ¹³⁸	4,714,542	"	1.0000000	643,882,281
142	UNIVERSE ¹³⁹	4,714,542	"	1.0000000	648,596,823
143	UNIVERSE ¹⁴⁰	4,714,542	"	1.0000000	653,311,365
144	UNIVERSE ¹⁴¹	4,714,542	"	1.0000000	658,025,907
145	UNIVERSE ¹⁴²	4,714,542	"	1.0000000	662,740,449
146	UNIVERSE ¹⁴³	4,714,542	"	1.0000000	667,454,991
147	UNIVERSE ¹⁴⁴	4,714,542	"	1.0000000	672,169,533

Note: A 1.04 correction factor was used on root D₂ to align it with current observation. We must remember everything is relative and this only acts to reduce the required # of vectors by about 10%.

ORBITS REQUIRED TO REACH THE SPEED OF LIGHT

TABLE 5.1

If not this would require the ultimate-verse (COSMOS) to be endowed with perpetual energy (free energy – a god energy) that moves without resistance instantaneously adjusting at an acceleration of Planck Scale magnitude energy and at all times. Maybe this is the dark energy they think they see? But, NATURE'S MEND has explained the dark energy with HER Origin Particle SPIN and TRUE BIG BANG Blast Wave energy.

Maybe our velocity is $a_t dt$ (acceleration over time) with $a_t = tds$ where ds relates to the spacetime fabric distortion of current theory and it becomes $tdsdt$. Maybe this is a chink in relativity? I may have just zipped over my head so let me back track for a little bit.

It relates to AI's definition of gravity. Think of spacetime as a space blanket lying on a perfectly flat bed. You are a kid who likes to run and jump on the bed. When you land on the bed you distort (change the shape) of the space blanket. This distortion of the space blanket is what AL called your mass impact on spacetime and your mass gravitational affect. He actually used the sun in his example. No matter, the thought process is the same. Thus, ds is a small change in the space blanket.

Now we can come back to this $a_t dt$ with $a_t = tds$. And any time a velocity changes it goes through acceleration (speed up) or deceleration (slow down), $a \pm da$. Here, da is a small change in acceleration. And because this occurs over time the mathematical equation can be written as $a dt$ (*acceleration changing over time*). Where dt is the changing of time. And because gravity is thought to be an acceleration effect and gravity relates in relativity to spacetime we change the a_t to tds . So the equation can be rewritten as $tdsdt$.

When you exercise this equation mathematically over time you wind up with something like $1/2t^2 ds$. And because time is squared and ds is $1/(\text{time squared})$ because of its relationship to gravity, the times squared cancel out and all you're left with is a half-length. Length, whether whole or half, is static, a measurement and doesn't move. There is darkness in current theory relativity.

It even gets worse because space is three dimensional so this length needs to be cubed, i.e. $1/2ds^3$, and nobody really knows what ds is. Kind of like the current theory hooked on relativity and gravity, isn't moving anywhere because they are stuck in the dark focused on the darkness of dark energy, dark matter, gravity angels (halos), super-gravity black holes, and the darkness of the origin of space itself.

And NATURE'S MEND TRUE BIG BANG was just alluded to, for casting the LIGHT (showing the cause) of this dark energy and its tiny value. And SHE showed that velocity slinging and compression from HER spinning and banging could be the cause for dark matter. Will SHE shine more of HER LIGHT on this darkness with us speeding at the speed of light?

Their theories and work seem overly complicated when NATURE strives for simplicity in three dimensionally and reality [BULK₁ – everything exists, lives, and dies]. It existed as Matter & Energy aNd Dynamics in the Origin Particle. It lives in the COSMOS as Matter & Energy aNd Dynamics in everything is moving around and away in Outer Space. And it dies with Matter & Energy aNd Dynamics as it runs out of TRUE BIG BANG Detonation and Centrifugal Sling pressure,. And breaths its last as it is sucked in by a TRUE DARK HOLE (VACUUM) at the very core of NATURE'S MEND TRUE BIG BANG of HER gigantic planetary sized Origin Particle.

A next door example, relatively speaking is our sun at 93 million miles (150 million km) away is dying in the conversion of matter to energy, and when the sun runs out of matter what will happen to

earth? It to will die! You can see the first, observe the second, and only wonder about the third (you see its effects, but what is its cause and where do we go after we die).

In this new theory the COSMOS existed before the TRUE BIG BANG as a gigantic Origin Particle with internal Energy and Dynamics of SD_1CME_1 . SD – Super Discus is what it is now.

The COSMOS lives today with growing darkness that they (the current theoretical physicists) observe in an accelerating expansion of the Universe. And when this growth stops and their feeble gravity clamps onto the celestial sphere of the COSMOS will it implode and die? Gravity can't hold it in place today so how will it ever have the strength to pull it back together in the end? Or will their darkness ever end?

Will it be born anew in NATURE'S MEND Vacuum Dark Hole core with entropy recovery (the chaos of much reorganized into the order of one) with a new Origin Particle allowing the elemental process to start again in SD_2CME_2 or SD_nCME_n , whichever the cycle maybe.

How big can the WHOLE thing become in life? How many cycles of HER $SS_{n+1}CME_{n+1}$ have there been? How dark can the WHOLE thing become in death?

And here we are today growing, living, and dying, that spatial special three in $BULK_2$.

And in this new theory of the COSMOS we may be changing the landscape of theoretical physics forever, or at least until the next cycle starts all over again.

NATURE the ULTIMATE RECYCLER! SHE Holds it in; Blows it up; Spreads it out; Sucks it in; and puts it back together and starts all over again. Talk about being humbled before NATURE let alone GOD! Who is really in control of our climate?

How wise was Solomon? He reigned without war and said:

“Sometimes there is a phenomenon of which they say, ‘Look, this one is new!’ – it occurred long since, in ages that went by before us. The earlier ones are not remembered; so too those that will occur later will no more be remembered than those that will occur at the very end.” Ecclesiastes 1.10-11 from the Tanakh.

Was he speaking of the SD_nCME_n cycles of the COSMOS in NATURE'S MEND?

How is it that we think we are so much smarter than those of 40,000 years ago were? Who were the Nephilim? Did they build the Ark? How did they build those pyramids before Solomon? Who built those pyramids, Stonehenge, and the heads on Easter Island? What secrets are hidden in the Mayan understanding of the COSMOS? What was 2012 all about? Why did the Native Americans have medicine wheels? Do you feel any humility yet? How about contriteness?

And on we go with NATURE'S MEND SHOW.

Now that we've looked at the velocity of an earth observer moving in a multiverse COSMOS at the speed of light and pondered NATURE, GOD, and the WISDOM of Solomon et al. Let's look at how far this multiverse has to extend into Outer Space to reach a pointing arrow (velocity vector) summation of the speed of light. We again do this by looking for a pattern of extenuation.

If we plug the three observed distances, earth, earth to sun, solar system to Milky Way core (all in light years) into an Excel spread sheet and look at sequential ratios of distances or radii of

rotation, a vague (not clear – a best guess) relationship is found in the second ratio. IE: the first number of the first ratio is Earth to Sun divided by Earth's radius. The second number of the first ratio is the Earth to Milky Way divided by Earth to Sun. The second ratio is the second number of the first ratio divided by the first number of the first ratio. Without additional Common Space observations to lock this down it will be used as best available guess. See Table 5.2 Radius of Rotation for Each Universe from Table 5.1.

We know it takes 144 multiverse steps beyond our galaxy to reach the ultimate-verse velocity of the speed of light. However, due to the mathematical limitations of the Excel spreadsheet, without incorporation of some unitized reductions to large powers, the distance stretch stretches the imagination at the 10TH multiverse with the radius $R = 2.204 \times 10^{254}$ light years. My guessed $r = 120 \times 10^9$ light years. That's like my guess with a 10 power of 9×28 or a power multiplier of 10 octillion, then multiplied by 1.833. WOW – I'm way off – LOL! In Common Space today they lose sight of Outer Space between the 1ST and 2ND multiverse [Items 4 and 5 in Table 5.2] at 14 billion (14×10^9) light years. Not even sure the unitized reductions would help. It might just be a limitation of mathematics and linguistics and has nothing to do with Microsoft Excel.

The point here is not to reach the expanse of the ultimate-verse (the COSMOS), but to put into perspective the magnitude of what we see and what we don't see speeding around in Outer Space causing pressure which induces compression [dark energy & dark matter] on what we do see if we are traveling at the speed of light velocity.

They currently observe quasars at a distance of about 10 billion (10×10^9) light years away. So I'm not sure if we can see 10, 20, or almost 30 billion light years. It doesn't really matter because the 10TH Universe is beyond billions of billions beyond what we can see, i.e. 10×10^9 to $(10 \times 10^9)^{9+9+9+1}$. And there are still another 134 multiverses beyond this. Are we approaching infinity?

How much darkness is out there? Or is it another chink (flaw) in the absoluteness of relativity or at least how far relativity can be stretched? This is a dark matter (subject) in and of itself.

Isn't there an old saying, "Too much of anything is a bad thing!"? Have we had too much of relativity, as eulogized by the mother of one Harvard Astronomer, Robert Kirshner, who is involved with the discovery of Dark Energy, when she asked him, "So do you think you're smarter than Einstein?" I snitched and paraphrased this line from the October 01, 2007 Newsweek article by Sharon Begley, "In 'Dark Energy' Cosmic Humility".

I don't think it is an issue of being smarter. I think it is an issue of keeping an open mind and using your imagination to wonder about the possibilities of looking in a different direction or at least with a different perspective: as in everything comes from everything in this new theory. I think this last statement epitomizes Einstein in his early years as a patent clerk and his later search for the GUT (GRAND UNIFICATION THEORY), which remains in the dark as an undiscovered GRAND PRIZE of current theoretical physicists today.

Who scores on the GUT point: NATURE or current theory? My thought experiment (imagination) into NATURE'S MEND for the UNIVERSE brought HER LIGHT to the GUT in the last Article. And AI-E said, "Imagination is more important than knowledge." So chalk another one up for NATURE'S MEND.

ITEM #	A	B	C	D
	STATION VECTOR	RADIUS OF ROTATION LIGHT YEARS	1ST RATIO OF RADII B_n/B_{n-1}	MULTIPLIER 2ND RATIO OF RADII C_n/C_{n-1}
1	Earth	6.803E-10		
2	Earth to Sun	1.582E-05	2.325E+04	
3	Milky Way	5.000E+04	3.161E+09	1.360E+05
4	Universe ¹	3.655E+06	4.298E+14	1.360E+05
5	Universe ²	3.633E+13	5.844E+19	1.360E+05
6	Universe ³	4.910E+25	7.947E+24	1.360E+05
7	Universe ⁴	9.023E+42	1.081E+30	1.360E+05
8	Universe ⁵	2.254E+65	1.469E+35	1.360E+05
9	Universe ⁶	7.659E+92	1.998E+40	1.360E+05
10	Universe ⁷	3.538E+125	2.716E+45	1.360E+05
11	Universe ⁸	2.222E+163	3.693E+50	1.360E+05
12	Universe ⁹	1.898E+206	5.022E+55	1.360E+05
13	Universe ¹⁰ (1)	2.204E+254	6.828E+60	1.360E+05

Note: (1)The Excel program breaks down on the next step and does not recognize the large powers required for the calculated radius of rotation.

RADII OF ORBITS

TABLE 5.2

Let's go back to the quote of Einstein and we're all travelling at the speed of light. To put it into current theory multidimensionality would mean that C (the symbol denoting the speed of light) equals some function of all the velocities we experience until we reach the speed of light and can be written as $C = f(V_x^2 + V_y^2 + V_z^2 + V_a^2 \dots V_n^2)^{1/2}$ where V is velocity and the subscript letter is for each dimension starting with NATURE'S SPATIAL SPECIAL 3. This means that something hidden is at play and further increases the randomness of the relative environment and limits what is observable to an almost point of blindness.

That is to say that nothing that we see is really what we see because we can't observe the whole picture in relativity. We lack the vision of GOD – THE BOSS in the BOSS [Beyond Outer Space Space]!

What's that saying, "The sum of the whole is worth more than its parts?" NATURE'S MEND has way more Matter-Energy-aNd-Dynamics beyond what we can see at 14 billion light years affecting what we can see. It's not dark, it's just no visible!

The only way to limit the number of extended multiverses is to incorporate additional dimensions in which the orbits at each point of observation starting at earth and continuing out in equal steps can reside so that our four dimensions, three of space and one of time, can be maintained in multiple dimensionality.

If we work from the 10TH Universe in table 5.2 with a power of 254 we step back by subtracting 16 powers. The 16 is 4 powers for each of the four dimensions (x, y, z, t) at each of the four known points in our observable universe. $[4 \times 4 = 16]$. This leaves 238 powers to be.

To apply this over the four known points we take the fourth root (number times itself four times) of 238 and amazing enough we wind up near the number 4. And if we include the first 16 it is within two powers or 1% of 254: $238 + 16 = 254$ and $4 \times 4 \times 4 \times 4 = 256$. To write this mathematically it would be $[\{((\text{Earth, Earth to Sun, Earth to Solar System, Earth to Universe})^4)^4\}^4]$. This can be reduced to $[(E, ES, ESS, EU)^4]^{64}$. Meaning we need 64 extra dimensions to connect the 4 we see to start me on the way to be at the speed of light velocity.

Currently the Ph.D. gods are wrangling over only 10 or 11 extra dimensions so they're not even close. And we are still missing 134 extended universes to reach a planer velocity of the speed of light. So what we see in 10 or 20 billion light years may only be a point in an almost infinitely large Cosmos of what we can't see. NATURE'S MEND scores again.

Einstein appears to be incomplete in his theory or maybe they have been wrong in extending it to the beyond? Or maybe Einstein was just wrong in that the speed of light is constant or that we are all moving at the speed of light? Maybe light accelerates so fast that in our very limited distances or dimensions of observation it appears to be constant. Talk about a heresy of dark introspection; a black hole in the current theory of relativity.

I think AI would have liked the challenge, but can his sages (theoretic followers) handle the siege (attack) by a CRAZY man from outside riding NATURE'S MEND in and out and all about?

Maybe like Solomon, AI understood more than we can imagine when he said, "We are all moving at the speed of light". Maybe the current gods just don't know how to interpret this old dead and gone god. They can't go back and ask him so they to have to guess. And remember that's what theoretical is all about – guessing!

I'm not guessing – I'm just using some absurd examples to shine some light on the absurdity of current theory and letting NATURE lead my absurd effort. For I must be absurd to take on the world of gods both in theoretical physics and religion!

Maybe the speed of light is hidden internally deep in the Inner Space of atoms as it related to the formation of the particle mass of the quark in the last Article? Thus internally deep in Inner Space we are moving [spinning] at the speed of light velocity and thus theoretically we are always moving at the speed of light velocity at all times in the UNIVERSE. NATURE'S MEND supports AL-E where current theory doesn't. For they really don't believe in the "Really Real World" spin of Inner Space particles and that we are special in that spatial special of three dimensions over time. And now the whole thing could be spinning in reality as it is in this new theory.

Their dark matter could be the super spinning velocity pressure from Detonation and Centrifugal Sling with changing direction acceleration of everything in the COSMOS in this new theory and in reality. The spin begins with NATURE'S one quark – to HER ORIGIN PARTICLE – to HER CHUNKS of MATTER after HER TRUE BIG BANG – to HER GALAXIES – and ULTIMATELY to HER COSMIC STEW POD [THE COSMOS].

"Another One Bites The Dust"²³ – a song by the group Queen, a feminine reflection of a bunch of boys. NATURE scores one more as dark matter comes to LIGHT in HER MEND of the UNIVERSE.

Now let's take a peek at the z-force (dark god) that I added to their Outer Space darkness. Ever see a magician balance plates on a stick. He spins them to keep them in balance. So spin is the z-force in NATURE'S MEND. And now that they are observing galaxies spinning in the same direction indicating that the Universe might be spinning, spinning could be the z-force in current theory. Just common brush strokes of NATURE'S MEND spinning to NATURE'S WAY in Common Space – Outer Space play. SHE SCORES AGAIN!!!!

If you recall it all started spinning because of the spinning quark, which started spinning because of the precipitation pulsations of the layers inside the Origin Particle of NATURE'S MEND. Spinning in NATURE'S MEND links HER Inner Space and Outer Space. At least SHE has a link between the gap of quantum sub-atomic forces and galactic gravity (acceleration g-force effects). She will drive for another score with an open door on gravity in Article 7.

For one more KRAD-DARK reflection in this Article let's take a sneak peek into Time. That is Time dilation and its link to me at the speed of light velocity. Time dilation is where time slows down in current theory SPECIAL relativity. Remember in their theory the speed of light [photons] is constant [never changes].

Mr. Greene goes to great lengths to explain this in Chapter 2 of "The Elegant Universe".

The thing that bothers me most from an engineering background is that the relativity reference point gets dropped and lost in the discussion. I think relativity is a very powerful concept so much so that in a COSMIC sense it needs units, like miles, kilometers, gallons, liters, minutes or seconds or something that tells us what the observer's Observation Relative Reference Point is.

You cannot mix two different units - references or leave them off and have something meaningful. You can't multiply miles time kilometers and have a length of miles-kilometers. In COSMIC Outer Space you can't ignore your Observation Relative Reference Point and then claim some COSMIC TRUTH like Time Dilation.

You can say that you have 5 milk. That means nothing, for it could be 5 gallons of milk or 5 liters of milk. And with the cost of milk in the United States higher than the cost of gas that would be a real cash difference – a budget buster.

Another example, a person ran a 4-mile. Did the person run a 4-mile race? Did the person run a 4-minute mile? Or did the person run a 4-second mile? Just for curiosity the last one would require the person to be running at 900 miles per hour (1,448 Km/hr). That's faster than the speed of sound. The person would have to be Wonder Woman [MOTHER NATURE] or Super Man [GOD] or both combined as a SHE-HE NATURE GOD to even come close.

You just can't turn right when you want to turn left. Though, I think that it is the UPS⁶² that takes only right turns in Common Space to deliver packages.

I hope you can see the importance of units.

For relativity, it's like your Observation Relative Reference Point is your R-unit and to drop it or make it "absolute" is nothing but fumbling around in the dark with the dark. And isn't that the exact event horizon of the state of physics today: futzing around [wasting Time] in the dark with all the dark stuff that has come to LIGHT in NATURE'S MEND?

One might question the use of "absolute" above, but in the current COSMIC theory conceptions Time Dilation is crowned as absolute.

My point here of losing sight of unitized relativity is best expressed in the definition of Time Dilation in the back of Mr. Greene's book "The Elegant Universe". It is quoted here for ease of reference:

"Time Dilation. Feature emerging from special relativity, in which the flow of time slows down for an observer in motion."

And the missing or dark caveat (caution) is the R-unit, as in:

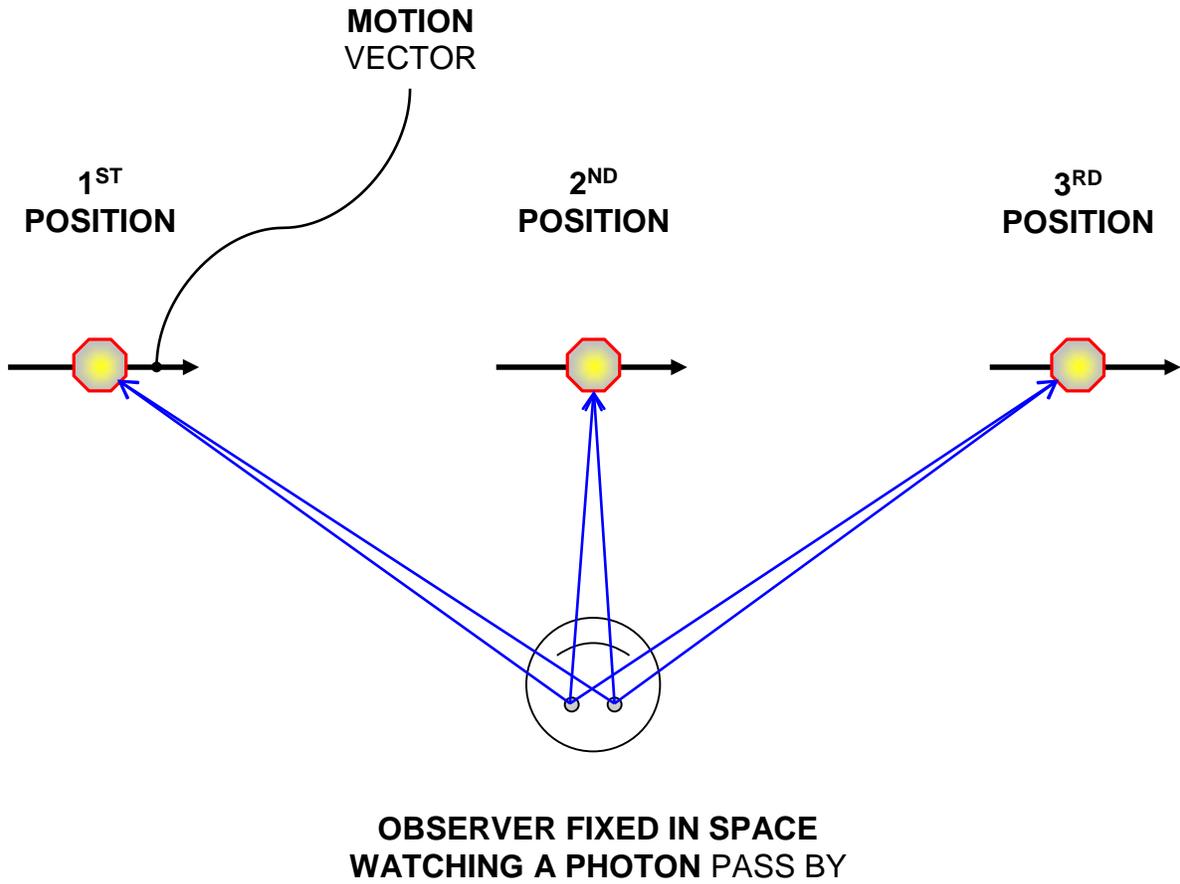
"relatively observed by one outside the motion."

See Figure 5.3 Moving Photon Fixed Observer.

As their theory goes, because the speed of light is constant, a rider on the photon sees their clock tick 8 seconds and the observer fixed in space outside the motion sees their clock tick 10 seconds. The fixed observer's clock needs to tick faster because the fixed observer has to account for the horizontal motion of the photon with light speed being constant. The rider on the photon does not see horizontal motion of their clock, because they are moving with the clock. It's called special relativity because it only occurs at very high speeds, speeds near the speed of light. So it is like the Anarchic Principle: sometimes it occurs and sometimes it doesn't. Does it really occur?

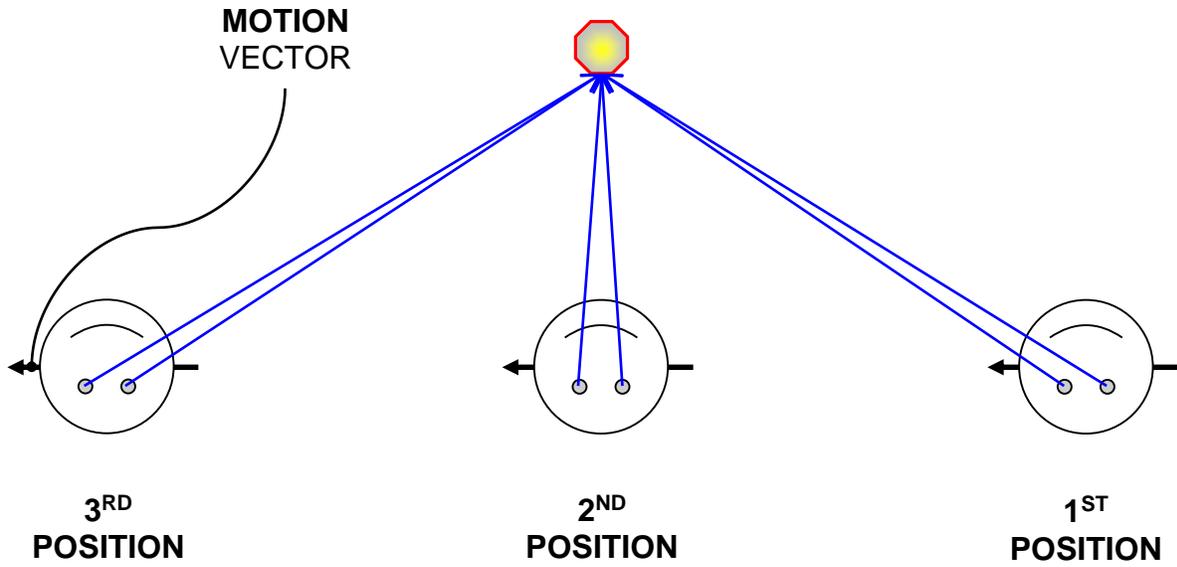
They also argue that you can fix the photon and let the observer move. They will claim the affect is the same, but it now occurs with the rider on the fixed photon with their clock speeding up [ticking faster] than the moving observer's clock. See Figure 5.4 Moving Observer Fixed Photon.

Thus if one clock is faster, the other clock can said to be slower. And it is the clock in motion that is slower so they claim *"Time Dilation - Feature emerging from special relativity, in which the flow of time slows down for an observer in motion."*



MOVING PHOTON FIXED OBSERVER

Figure 5.3



**PHOTON FIXED IN SPACE
OBSERVER WATCHING AS THEY
PASS BY**

MOVING OBSERVER FIXED PHOTON

Figure 5.4

Take a close look at Figures 5.3 and 5.4 again. Notice anything special about them? The horizontal motion vector for the Photon in Figure 5.3 is opposite the horizontal motion vector for the Observer in figure 5.4. This allows the two figures to be overlaid and both can be in motion. See Figure 5.5 Moving Photon and Observer. The motion pointing vectors are the Relativity units – they set the direction of the motion of the relative observer to the observed.

What is the true and absolute time of motion of the COSMOS where the observed and the observer are both in motion as we are today in relativity? Does Time really slow down in NATURE?

With the unitized power of relativity established let's look closer at Mr. Greene's example of a photon clock and the diagonal paths of the photon of the clock observed in motion. He also has an excellent example of George and Gracie to illustrate that either party can think they are stationary while the other party is observed to be moving: as was illustrated in Figures 5.3 and 5.4. And both can be in motion as was illustrated in Figure 5.5.

I thought, "How can I challenge Time Dilation?" This means I'm challenging Big Al-E, himself, in actuality his legacy of Special Relativity as applied by its horde of sages [gods].

I stood toe to toe with my large grandfather when I was five for that Juicy Fruit Gum so why not AL when I'm at 45: now 52 approaching 53. Why should he be any different?

Here it goes. I will snitch the first names of "George Kelly and Grace Kelly"²⁶ for this moment of darkness or enlightenment, and will let the outcome be what it will be.

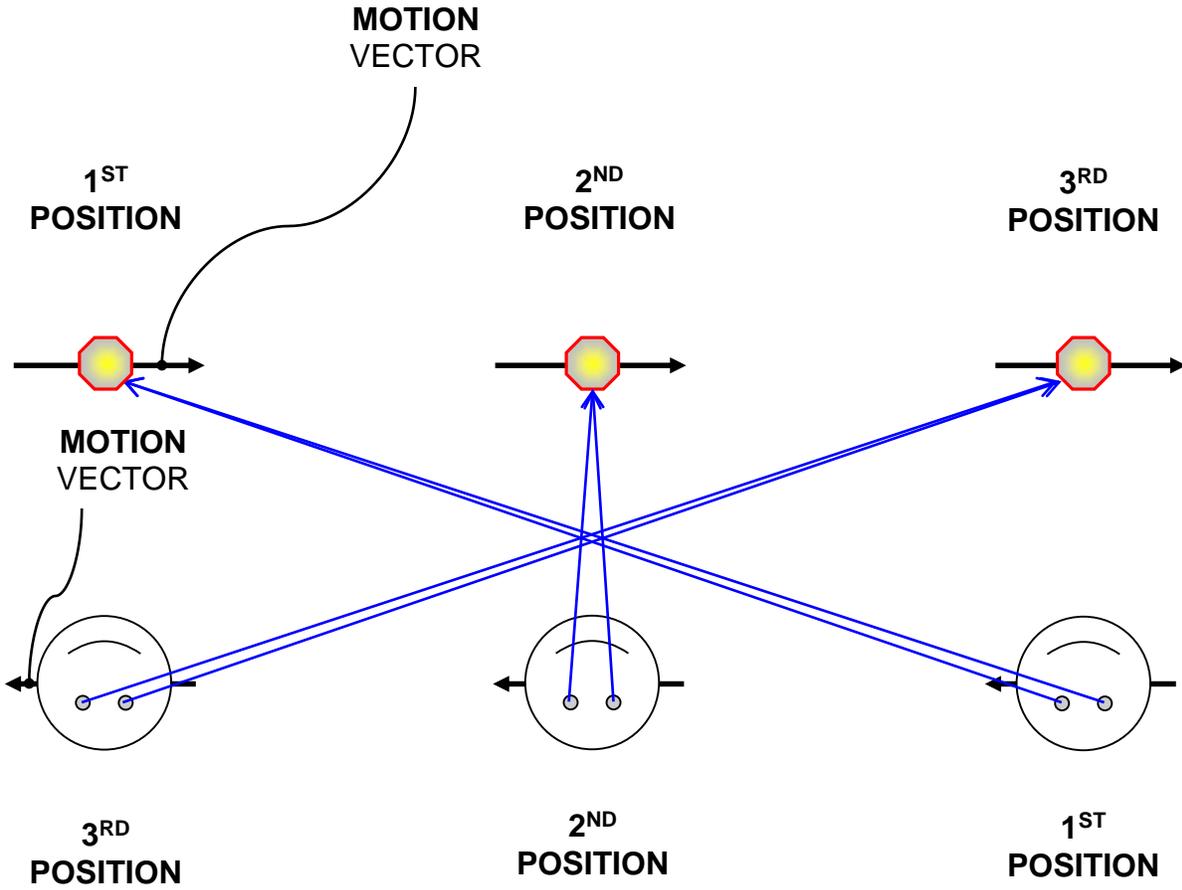
I stewed in my dark gray matter (scratched my itchy brain) and the following challenge oozed out. If Time Dilation is correct, relatively speaking, then the average of a Grace to George and a George to Grace TIME Relativity observation should yield the same results as either would observe relatively speaking or seeing in this case to one another when the other is in motion.

IE: You have two eggs and I have two eggs then it can be said that on average we each have two eggs. This might appear obvious, but then powdered sugar looks like cocaine et al, so I want to know for sure before I eat my Frosted Flakes⁶³.

Here's the challenge. Time relates to distance (d) divided by velocity (v) so I will use vector notations (pointing arrows) for d/v because it embodies signs and units. The actual motion is diagonal (moves vertical and horizontal at the same time). Using the Goliath math of Trigonometry it can be divided into vertical clock ticks and horizontal motion. Thus one tick on the photon clock involves an up and down vector ($\uparrow\downarrow$) and because the photon clock is in motion for the observer outside the motion one tick also involves horizontal vectors, either \rightarrow or \leftarrow .

To calculate the average we will sum all clock ticks and horizontal vectors of the two observers as viewed in Relativity to each other thus maintaining their respective Relativity R-unit, and then divide by two.

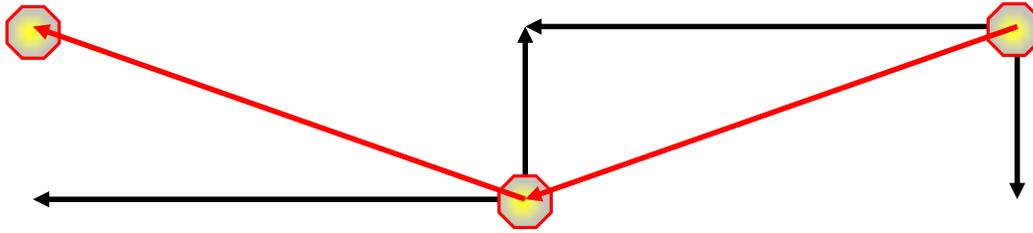
As Grace looks across the COSMIC VOID (Planck Length – to avoid additional vectors in and out of the plane of observation for this simple example) George is moving from her left to right. George is the rider on the photon clock. Thus she would observe one tick on the photon clock ($\uparrow\downarrow$) and a diagonal motion, which would contain a horizontal vector \rightarrow as the photon moved from the lower mirror to the upper mirror, and a second horizontal vector \rightarrow as the photon moved back from the upper mirror to the lower mirror. See the bottom half of Figure 5.6 Moving Photon Clocks. Thus in clock tick and vector notation Grace observes $[(\uparrow\downarrow) + \rightarrow + \rightarrow]$. This can be reduced to $[(\uparrow\downarrow) + 2\rightarrow]$.



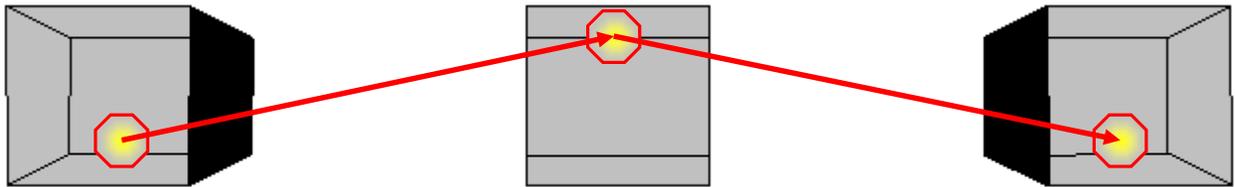
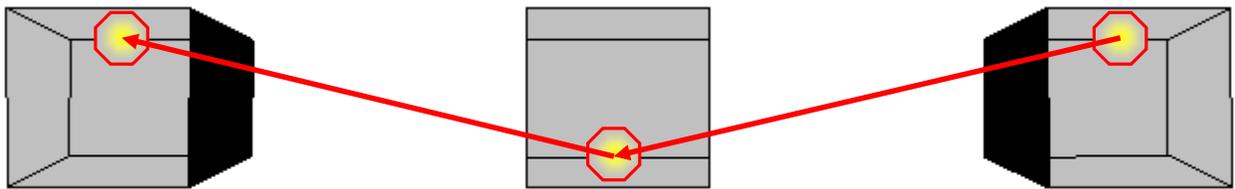
MOVING PHOTON AND OBSERVER

Figure 5.5

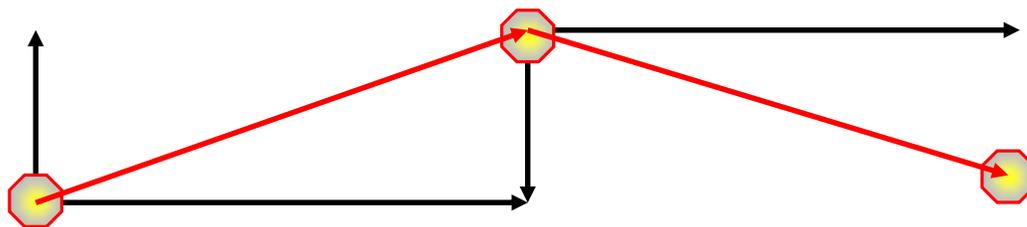
GEORGE'S VECTORIAL VIEW OF GRACE'S CLOCK



GEORGE'S PICTORIAL VIEW OF GRACE'S CLOCK



GRACE'S PICTORIAL VIEW OF GEORGE'S CLOCK



GRACE'S VECTORIAL VIEW OF GEORGE'S CLOCK

MOVING PHOTON CLOCKS

Figure 5.6

As George looks back (back, here is the critical unitizing of relativity) at Grace she is moving from his left to right, which is from her right to left as indicated in Figure 5.4. Thus George would observe from one tick on the photon clock ($\uparrow\downarrow$) and a diagonal motion, which would contain a horizontal vector \leftarrow as the photon moved from the lower mirror to the upper mirror, and a second horizontal vector \leftarrow as the photon moved from the upper mirror back to the lower mirror. Reference the top half of Figure 5.6. Thus in clock tick and vector notation George observes $[(\uparrow\downarrow) + \leftarrow + \leftarrow]$ as unitized to Grace. This can be reduced to $[(\uparrow\downarrow) + 2\leftarrow]$.

Now we can sum these and calculate the average: $\{[(\uparrow\downarrow) + 2\rightarrow] + [(\uparrow\downarrow) + 2\leftarrow]\}/2$. This can be rewritten as $\{(\uparrow\downarrow) + 2\rightarrow + (\uparrow\downarrow) + 2\leftarrow\}/2$. This can be reduced to $\{2(\uparrow\downarrow) + 2\rightarrow + 2\leftarrow\}/2$. One more reduction of cancellation of the opposed horizontal vectors results in $\{2(\uparrow\downarrow)\}/2$.

Now we can calculate the averaged observed Time Dilation between Grace & George AND George & Grace with relativity maintained.

If you drop relativity, the R-unit, you rotate Figure 5.6 by 180 degrees and the two relative observations look the same. See Figure 5.7 Inverted Moving Photon Clocks to illustrate this, which is nothing more than a second Figure 5.6 turned upside-down. This allows current theory to claim their perspective reality of Time Dilation because both observations show the same thing and you would have $\{2(\uparrow\downarrow) + 2\rightarrow + 2\rightarrow\}/2$, which can be reduced to $\{2(\uparrow\downarrow) + 4\rightarrow\}/2$. One more reduction results in T observed by Grace = $(\uparrow\downarrow) + 2\rightarrow$, where George in motion with the photon would only see $(\uparrow\downarrow)$. Thus George's observed time is slower than Grace's observed time and thus time is slowed down by motion.

They will claim they are right, because experiments with Caesium (element 55) man-made atomic clocks show this. Now they are claiming Strontium (element 38) clocks are even better and more precise than Caesium. However, their experiments involve acceleration of one of the clocks because of curved motion. Actually there is acceleration on both clocks because both clocks are actually moving in Outer Space in curved motion. Have they considered the compression effects of acceleration on motion? Have they considered the pressure effects of elevation on the mechanical equipment that was manufactured under another pressure? We are talking experiments with nano changes in time so nano effects can cause nano differences in results. Can we really manufacture to nano specifications? This will be left for more bulking outside of this work.

As mentioned earlier you can't drop the R-unit and maintain relativity.

What is the result of the averaged observed Time Dilation between Grace & George AND George & Grace with relativity maintained?

The result is somewhat perplexing, for it is one tick of the photon clock ($\uparrow\downarrow$). This means that Time when observed in motion by an observer outside that motion slows down, but when coordinated with the opposite observation or synchronized in unitized relativity for COSMIC validity, one tick is one tick. This means that COSMIC Time is absolute! This will come into play again in the Epilogue [the Ending Summary Presentation – ESP] of NATURE'S MEND ESP [Extra Sensory Perception].

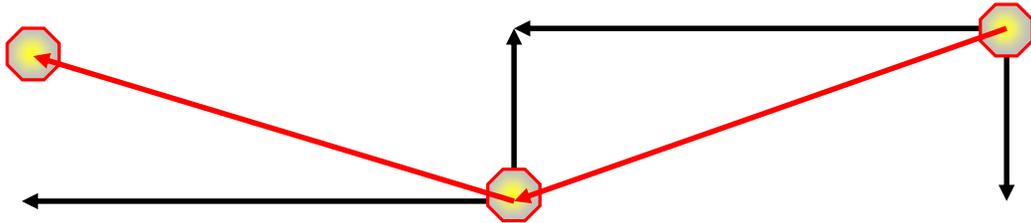
This is a chink of chinks (hole of holes) in the current application of the theory of relativity; emphasizing one must be very careful when observing things in relative motion because you may not be seeing what you think you're seeing as observed object velocities accelerate towards the speed of light and maybe even beyond and the associated pressure effects [dark energy – dark matter] has on them and you and your time shoe.

Figure 5.7

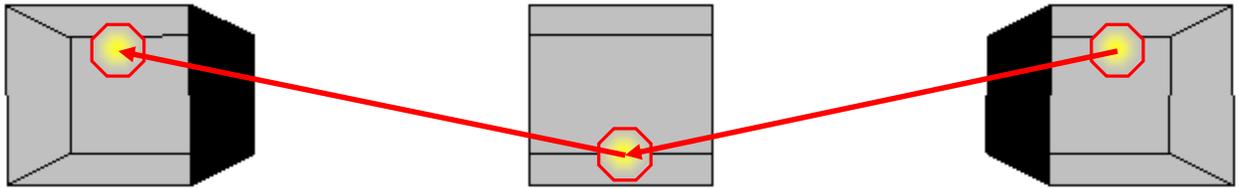
INVERTED FIGURE 5.6

MOVING PHOTON CLOCKS

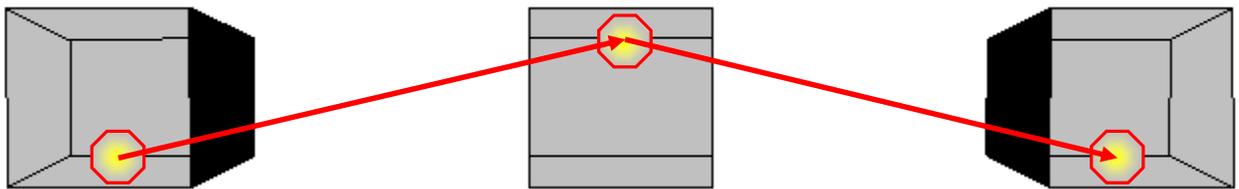
GRACE'S VECTORIAL VIEW OF GEORGE'S CLOCK



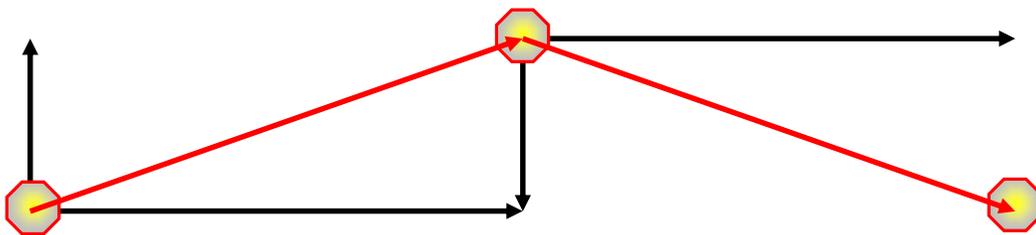
GRACE'S PICTORIAL VIEW OF GEORGE'S CLOCK



GEORGE'S PICTORIAL VIEW OF GRACE'S CLOCK



GEORGE'S VECTORIAL VIEW OF GRACE'S CLOCK



And even more so because when you think you're not moving, you may be moving as in the case of "KO" lying on a deserted beach peering into the COSMOS traveling at the speed of light.

Or in the case of current theorists (PHD gods) claiming the COSMOS isn't spinning. Maybe they claim this, so like their claim the quark and electron aren't really spinning in reality, they can claim Inner Space and Outer Space are the same in their theory – not spinning!

When in this theory they are both spinning. And observations today of our Common Space Outer Space are indicating that NATURE'S COSMOS is really spinning. Maybe today in Common Space Inner Space SHE is spinning as SHE is in Outer Space as predicted by NATURE'S MEND.

This is a very dark or even blacking sky on what they think they have or are observing in the current theory of NATURE, both in Outer Space and Inner Space. The son of god particle just maybe a ghost particle, a mirage: they see what they want to see even though it just might not be. Like dark matter and dark energy were exposed to be Detonation and Centrifugal Sling pressure energy in this new theory.

Let's put Time Dilation into contrast to the speed of light. If we see something moving at the speed of light, because it is in motion to us it must be actually travelling faster than what we see, because what we see is slowed down in the relativity of time dilation. The speed of light must be something greater than what we see in C and could be $C^{1.174}$ as was alluded to in the first Article. And that leaves everything in their theory in uncertainty.

What is the value of all the work and observations on the COSMOS to date if Relativity has been misapplied, light speed is not constant, and Time is absolute? Pieces of a UNIVERSAL PUZZLE that is missing magnitudes of pieces and is full of dark stuff [lack of basic understanding] and needs a New View, a MEND [fix or repair], to start putting them in their rightful place and shedding light on the darkness.

Is CPE ∇ M-EnD that fix or repair? The more I work on it, challenge it, and expand it the ultimate answer could be that it is the GET (GRAND EXPLANATION THEORY) of not only our Inner Space and Outer Space Universe, but also the COSMOS' Outer Space! That even allows it to reach into SHE-HE the BOSS – THE ORIGIN OF NATURE – GOD.

In summary what we see isn't what we see because we can't see its entirety [the WHOLE]; it's moving faster than the speed of light velocity; and Time is absolute in synchronized relativity. Why else would the Universe be accelerating its expansion, but because of the CENTRIFUGAL SLING & TRUE BIG BANG Blast Wave et al. energy of NATURE'S MEND BLEVE with gravity being a feeble dampening element that has not yet come into play. Maybe it to will go away in this play [work]?

Dark energy has become the Blast Wave Pressure of NATURE'S MEND TRUE BING BANG SPINNING BLEVE. And NATURE'S MEND has lighted the way to dark matter, the curved velocity and blast wave acceleration (dual g-force effect) we can't see in the whole action of NATURE'S Matter Energy aNd Dynamics.

Way more exists beyond what we can see, and how we see it and thus has gravitational energy impositions of movement onto what we do see. And the dark matter (missing basic understanding) of dark energy and dark matter (substance) becomes everything (all the matter and energy) we can't see imposing on what we can see and is no longer dark but out of sight in the LIGHT Extents of NATURE'S MEND Cosmic Stew Pod.

NATURE'S MEND is becoming a WHOLE theory of LIGHT, Dark Holes, Unseen Matter, Blast Wave Energy, Centrifugal Sling, and Unitized Relativity over Absolute Time.

Thus Dark Energy and Dark Matter may actually be FUTS KRAD: only a reflection of the energy and dynamics of unseen matter and energy from CPE ∇ M-EnD of NATURE'S MEND of spinning detonations of what we can't see and how we can't see it.

Like with fireworks: you see the light, hear the bang, and feel the Blast Wave if you're close enough. And in the end if you are close enough you hear and feel the shower of debris in the darkness of its aftermath.

If everything that ever existed – existed in the beginning, how big would the Origin Particle be? When it BIG BANGED how BIG would the BANG have been? Would it even be dissipated today?

Maybe the whole thing is built around three elastic strings being stretched in time? Maybe gravity is a string that stitches it together? Maybe, Energy is the binding string (makes it move) and Gravity is a damping element (keeps it from moving too fast) of the EG-string? Maybe, Dynamics is the string and Energy is the spring and Gravity the shock absorber and you have a DEG string [a string of degrees – a theory of variability]?

In current theory about 95% of all the energy affects in the visible universe comes from darkness (the unknown). What is going on in current theoretical physics? Common Space understanding is that the universe is expanding. Everything is moving apart. And its moving faster and faster – its accelerating apart. It's just the relative reflection of NATURE'S MEND SPINNING BLEVE. This will be address again.

What happens when everything comes apart – the SPINNING BLEVE ENERGY runs out?

As mentioned earlier they say that this current theory vacuum energy, dark energy, and its small positive value is related to the expansion and acceleration of the visible universe. And they theorize that if at some point it goes negative everything will collapse and they call this Gnab Gib or biG banG reversed. It's a guess – a false hope on their COSMIC black hole.

What happens in NATURE'S MEND when and if HER pressure reaches zero will be finalized in the end. But what is at the core of NATURE'S MEND TRUE BIG BANG, but a NATURE MADE TRUE VACUUM [a DARK HOLE]. If you're out of pressure and anchored by a vacuum there just might be one "Great Sucking Sound". It was Ross Perot, a third place finisher in a U.S. presidential campaign that coined these last three words related to jobs moving out of the US. So it began in Darkness without pressure it just might end in Darkness [all star energy is burnt up] without pressure.

Maybe it's not coming apart, but only in an expanding cycle like a super-giant gas cloud in the process of making new Outer Space objects, stars, or a new $SD_{n+1}CME_{n+1}$.

If it is coming apart and the pressure in Outer Space reaches zero again as it was in the beginning of NATURE'S MEND before the TRUE BIG BANG what could happen? All of these questions lead to more challenges and we will have to wait for the end to see how many of these NATURE'S MEND can resolve and how many are left as mysteries.

In the case of the Cosmic Fireworks of NATURE'S MEND I'm not sure I want to be around for the after-math for there will be no math or linguistics to save us. There will be only a lot of collapsing debris to cave us. "And in the end many will hide in caves."

In humility: understanding our limitations theoretically, observationally, mathematically, and linguistically adds to the M-EnDing of the Grand Explanation Theory (the GET) of NATURE'S MEND. And yet there are three more Articles to this crazy play of NATURE'S WAY and a pseudo ending, which is really a beginning for all the bulking that needs to take place to make it a NEW TRUE leading THEORY.

What is the score, of solved to unsolved mysteries between current theory and NATURE'S MEND? I think SHE is in the lead and picking up speed! SHE may be even traveling at light speed away from them. And my DREAM becomes REALITY with the Physics of the COSMOS not what we believed it to be.

Thank you for your precious time and consideration. I hope you enjoyed this fifth extension of this new theory. More to follow as CPE ∇ M-EnD and Particle\Planetary Geometrical Impositions are internally vetted (challenged) with all the Inner Space and Outer Space forces of current theory and two more new forces to close the door on current theory.

Respectfully,

kevin I olson

The 4 FORCES & a PHENOMENON of NATURE

None of which are Gravity

[WHAT'S GOING ON DEEP IN THE CORE OF THE ORIGIN PARTICLE 17-JAN-2008]

As the Cosmos Process Engineered ∇ M-EnD twists and twirls through Common Space explaining both current Inner Space and Outer Space and Time with spinning and a TRUE BIG BANG, the hot air heresy has begun to form the TRUE FACE of NATURE'S MEND² [Matter Energy aNd Dynamics & Fix aNd Repair] for the Universe.

NATURE'S MEND receipt has been outlined. HER Origin Particle has formed. SHE has challenged Current Theory Principles. HER Amebic Nebula has detailed star production and produced stars. HER spinning Quark in a 3-1 [trifoliate] and one spinning Electron, match current theory characteristics of spin and charge and have become HER building blocks for everything. Darkness has come into HER LIGHT [SHE can explain dark energy, dark matter, and other darkness]. And instructions for HER Ways, Means, and Methods of construction – HER Receipt Card Science – are developing.

Now in this Article we are going to dive deep back into the Origin Particle and HER Inner Space playground of quarks (our basketballs) and electrons (our ping pong balls) and into the very core of HER SOUL – the Center of the Origin Particle, looking for all of HER Forces and a spatial special Phenomenon.

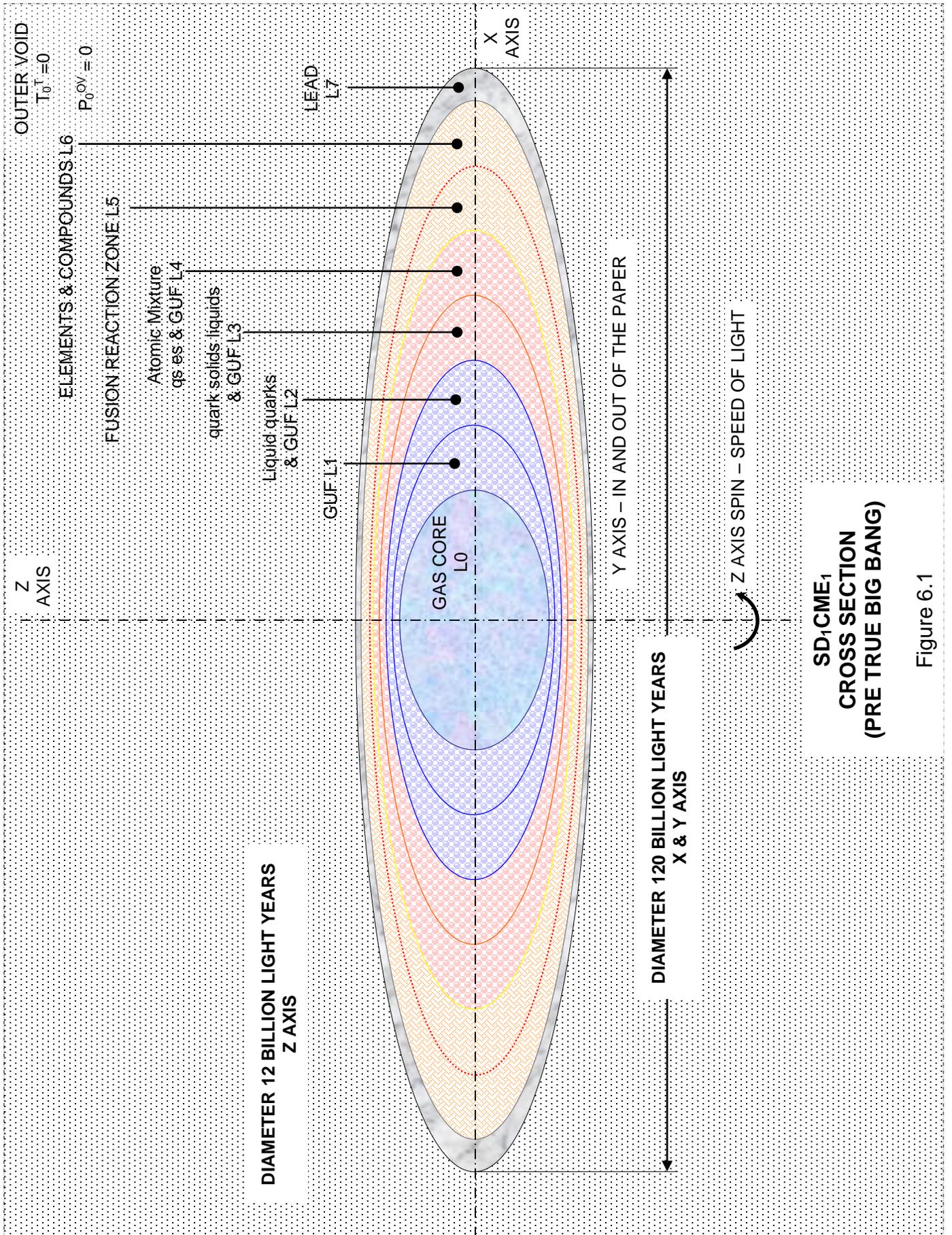
Before we start our journey we are going to adjust the figure [shape] of NATURE'S Origin Particle. It will be an adjustment that I've hinted at and that came into play in the last Article.

Instead of NATURE'S Origin Particle being a spinning sphere SHE is a spinning discus. If you recall SHE develops this shape because of HER high speed spin of light speed about the Z-axis [like earth's rotation of 1000 miles (1610 Km) per hour around its axis]. This causes the OP to squash along the Z axis and spread out along the X & Y axis. See Figure 6.1 SD₁CME₁ Cross Section (Pre TRUE BIG BANG). Note the change of "SS" to "SD" as was also shown previously in Figure 5.2.

The critical thing about the squashed Origin Particle is that for a gas, liquid, or liquid mixture the pressure (force over area) acts equally in all directions at boundaries. Like blowing up a balloon, the balloon stretches out due to equal pressure acting on the skin of the balloon. Odd shaped balloons are due to the varying properties of the skin of the balloon with some areas of the skin weaker than others. Thus the weak areas deform more and the balloon will take on a funny shape.

Even though the Origin Particle is squashed along the Z-axis the pressure along the boundaries between each of the first five zones [Layers] from the center is constant for each boundary, but not the same for different boundaries [the pressure at L0-L1 is different from the pressure at L1-L2]. Thus the force acting along the boundary between each layer is also constant. NOTE: This applies to the core and first four layers [L0 - L4] of the Origin Particle.

I started with the core being labeled L0 because it's not really a layer, but it has substance (GAS) and thus the force between the core and the first true layer L1 will be constant. It allows the "L" symbols to be the same. This will be detailed further in this Article and Article 8.



**SD₁CME₁
CROSS SECTION
(PRE TRUE BIG BANG)**

Figure 6.1

We are going to limit the outfield walls of our Inner Space play in this ballpark to the first two gasses, which are also the first two Common Space elements of NATURE: hydrogen (H) and helium (He).

If we consider NATURE'S Origin Particle to be an element processing factory, these first two elements would reside in the Fusion Reaction Zone – Layer L5 near the boundary with Layer L4.

Again it is interesting to note that it takes a fusion reaction zone to contain the Core and first four layers of the Origin Particle.

Remember a fusion reaction is something man hasn't contained. Our Nuclear Power Energy comes from a fission reaction.

Hydrogen gas likes to run in pairs and blow up and is called H₂, and the second is extremely docile (doesn't do much of anything) and likes to be alone and is called He. Though if you breathe a very small amount, it makes you talk really funny with a high pitched voice like the "Munchkins" from "The Wizard of Oz"⁶⁹. This is just some more of my childhood experimenting – inhaling from helium balloons. Haven't given much thought about the science behind this.

I spent most of my time alone thinking crazy things and talking funny. I scribbled and scratched my first thoughts into a backwards book when I was in High School. The back of the book was the cover – it read from back to front.

Now I'm trying to scribble and scratch my dream into a forwards book.

The PhD gods of chemistry are not sure what to do with hydrogen because it does not clearly belong to any one of the eight classes of elements (Alkali metals, Alkaline earth metals, Transition metals, Other metals, Nonmetals, Noble gases, Lanthanide series, or Actinide series) in Common Space chemistry. Look up elements in the World Book Encyclopedia or on the internet for more in-depth information. Something special about Hydrogen (H) will come out in Article 8: it is something the current theory physicists have been looking for but haven't found. SHE scores again.

Remember all of us are exposed to chemistry everyday in the things we eat, drink, and play with: some of it legal and some of it not so legal. And most of the legal stuff is abused. The U.S. Government tried to outlaw alcohol once: it didn't work. Not much in Washington D.C. is working these days either. It too needs a MEND [Fix or Repair].

Maybe H is the TRUE loner, for all the others have close friends and neighbors on the chart of elements called the Periodic Table in Chemistry. From Article 4 we know hydrogen (H) contains one quark trifoliate (three like quarks in one nest) and one electron. But in Common Space it doesn't like to be alone so it mates with another H and becomes H₂ and is called diatomic hydrogen (meaning two atoms). H₂ has two protons and two electrons and no neutrons. This will become important when 2-H₂s mate to form Helium (He). Why would NATURE leave out the neutron in HER very first element? Must not be very important? Or maybe it's man-made and doesn't fit in NATURE'S MEND?

I'm starting to get ahead of myself so I will force myself back to the Inner Space Forces and a phenomenon of NATURE. Maybe A-D-D (Attention Deficit Disorder) has more to do with a runaway imagination than anything else does, and we need to learn how to focus the brain train instead of doping kids. IE: I'm slipping away into BULK₂ and need to focus on the Inner Space of BULK₁. By the way the brain train has a lot to do with electrical currents and magnetic waves.

The force of gravity is an Outer Space player and is way outside this Article's ballpark and is left for the next Article.

To begin our dive back into Inner Space we will take a brief look at what they know today in current theory and then we will wrestle with NATURE'S MEND heresy.

And in the current theory their goddess Dr. Randall wrestles in "WARPED PASSAGES ..." with their continued darkness, "*We know that something new is required because of the deficiencies in the existing ideas.*" "*Why, for example, are there four forces and no others? Could there be others we haven't yet detected? And why is gravity so much weaker than the other known forces?*"

Recall that this last line is also dubbed the "Hierarchy Problem" in the dub (stagnant mud hole) of current theoretical guessing.

The *four forces* she is talking about here are the Strong Force; the Weak Force; the Electromagnetic Force; and Gravity.

The "*new*" thing (particle: yes-no-maybe-so) they are playing with is that teeny tiny superstring. They want to make it go away (change into something else) and then let it come back to make everything else. I think it has to do with their Higgs god.

The superstring is the ghost particle of current dark science that is lingering in the darkness of extra physical dimensions and yet to be found. We will come back to it in the close of this Article.

Now we will go back to see if we can force a light out of current theory and then we will let NATURE'S MEND shine.

What is a force anyway? From my 1987 World Book Dictionary by Thorndike Barnhart:

"force (definition 7a) any cause that produces, changes, or stops the motion of a body: *the force of gravitation, electric force, magnetic force.*"

The "body" in this Article relates to our basketballs (quarks) and our ping pong balls (electrons). And in Article 4 it was the electric-magnetic force of opposites attracting that brought the quarks together and slowed them down for an attachment as a threesome, which instantly became a foursome with an e and hydrogen came to be fusionistically (in a fusion process). And the current theory neutron was nowhere to be found.

The basis of NATURE'S MEND action and motion (spin) of Article 4 fits into the real world definition for forces. At least we are on the right track.

But the current theory has no "Really Real World" particle spin so how can they have any "Really Real Word" forces?

What about phenomenon: what is it?

"phenomenon (1) a fact, event, or circumstance that can be observed: *Lightning is an electrical phenomenon.*"

There is an *electrical force* and an electrical *phenomenon* of this force, so just maybe electromagnetic energy can be a forceful phenomenon of NATURE'S MEND! At least the title is fitting into the understanding of Common Space.

What is **pressure**? It is the continued action of a weight or force. Pressure will come into play a little later in this Article. We had pressure in Outer Space now it's in Inner Space.

Let's take a look at the forces in current theory. These definitions come from the book by Dr. Randall. She is the one that rocked the boys club of the old PHD gods. Remember, it's titled "WARPED PASSAGES UNRAVELING THE MYSTERIES OF THE UNIVERSES HIDDEN DIMENSIONS". And the mysteries remained at the end of her book and at the end of the books of the other gods that I've read. How many has NATURE'S MEND resolved?

***“strong force** One of the four known forces; the strong force is responsible for binding quarks in a proton or neutron, for example.”*

***“weak force** One of the four known forces; the weak force is responsible for beta decay (a discharge of an electron) of neutrons into protons, for example.”*

Neutrons can decay into protons? They do in NATURE'S MEND by the trifoliate of quarks flipping over. This is a reverse of the discussion in Article 4 where the proton flipped over to become a neutron. Beta decay will be discussed more in this Article and Article 8.

***“electromagnetism** One of the four known forces; electromagnetism describes both electricity and magnetism.”* But is it #1 or #3 in their ranking? Or do they know?

“gravity” Lisa doesn't provide a direct definition in the glossary where these other definitions are found. Is this because gravity is a force of darkness [they see and feel it in action, but don't understand [are ignorant about] its source: its cause]? She provides, ***“Newton's gravitational force law** The classical law of gravity that says that the strength of gravity between two massive objects is proportional to their masses and inversely proportional to the square of their separation.”* It has to do with ratios like the sun to the earth and the distance between them: like we played with in the previous Article.

Maybe gravity is an abstract action of NATURE'S MEND? “For every action there is an equal and opposite reaction.” Or an equivalence of something like acceleration and the g-force relationship discussed in Article 5. This is not my concept, but another's. He will pop into the gravity challenge of the next Article.

Because the force of gravity doesn't come into play with the small masses and distances of Inner Space that we are playing with in this Article, we are going to leave it out of this fray. However, in the next Article it will come out to play, because again we will jump out into Outer Space where the masses are monstrous and it has the weight needed to stay: maybe.

Just remember to keep in mind relative to the first beast of NATURE'S MEND, HER Origin Particle; these monstrous masses are relatively tiny, little monsters. Maybe NATURE'S MEND LIGHT Knight will slay the dark gravity dragon! Just a tease, but for now Inner Space forces we will squeeze [pressure].

To continue in this Inner Space play lets surf the warped sea of current theory for some more about the strong and the weak and take a peek at this electromagnetic sneak.

To catch up with this strong force there are 22 waves (locations) in the book “Warped Passages” that reference it. I will only pick out one to view. The one is her first and occurs in ***“The Heart of Matter”*** in her book. It is looking at the Standard Model (the current theory model of particle

physics) and its fundamental building blocks of the electron, the up quark, and the down quark. And it is here where she indicates, *“The Standard Model also describes three of the four forces through which the elementary particles interact; electromagnetism, the weak force, and the strong force. (It usually omits gravity.)”* They’re in this order because that’s the order they were uncovered (discovered) by the old PhD gods of past theoretical physics.

So this Article is on track with current theory practices of avoiding gravity in Inner Space play. It is just some more common brush strokes.

After surfing the first strong force wave, we have touched on the fundamental building blocks and the fundamental forces of current theory, and the first discrepancy with NATURE’S MEND. They have two quarks (the UP and the down (DN)) and NATURE’S MEND has only ONE (the Q).

They actually have a third quark called the strange quark that pops up in their atom smashers but it dies (breaks down) in a billionth of a second; that is (1/1,000,000,000 of a second). So it doesn’t exist in NATURE.

If you study the current godliness of current physics atom smashing they claim the existence of other bigger quarks and electrons and smaller massless particles that have come into being inside their bigger and bigger atom smashers. But they all die before you can blink your eye, “now you think you see them – now you don’t think you see them”.

Something is going on in atom smashing they don’t understand. There is a dark unknown aspect to their Inner Space experimenting that is lurking in a lack of basic understanding.

Instead of trying to pry NATURE open, maybe we should crawl inside HER and look out? Let HER give BIRTH to HER TRUTH instead of trying to abort it out of HER.

How many people are willing to jump into a black hole of thought?

How many abortions have been committed in the world this year? How many Aristotles and/or Einsteins have they butchered over the years?

Isn’t it easier to work off of someone else’s work [The absurd theory of NATURE of the last 100 years]? “Lead – Follow or Get Out of the Way!” Most “Get Out of the Way”, and most of the rest “Follow”. Very few lead – ask why not look at current theory in an opposite way? Are they afraid they will be ostracized – be excluded from their society or group. Ostracized goes along with shun, spurn, reject, avoid, ignore, snub. Just what spherical bastards would do!

Let’s take a closer look at their two quarks that don’t really spin, and NATURE’S MEND crazy quark that spins, maybe at the speed of light. SHE-HE’S a “CRAZY” quark for it can do everything everywhere at all times all by itself. Itself: constitutes me, myself, and I: for there is one, and three in one quark trifoliate-proton that makes Common Space run with a little electron. For these, one in three, start everything running [spinning-building-growing] in NATURE’S Fusion Factory Process.

One might call NATURE’S quark trifoliate the only HOLY TRINITY of NATURE by GOD, for GOD is ONE UNIVERSALLY in BULK₃, and not three in one as in the trinity of christianity.

Current theory gods say that their proton is made up of two UP quarks and one down (DN) quark and their neutron is made up of one UP quark and two DN quarks. They say an UP quark has a charge of +2/3 and a DN quark has a charge of -1/3.

Like in Article 4 when we summed measurable charge potential contributions in NATURE'S MEND to figure out what we had [proton or neutron] in the trifoliate of quarks, we will sum charge contributions in current theory. For a current theory proton we have $(2/3 + 2/3 + (-1/3))$. This can be reduced to $(4/3 + (-1/3))$ and further reduced to $(3/3)$ which is (1). And their proton like NATURE'S MEND proton has a charge of 1. And for a current theory neutron we have $(2/3+(-1/3)+(-1/3))$. This can be reduced to $(2/3+(-2/3))$, which is (0). And their neutron like NATURE'S MEND flipped over proton-neutron has no charge.

But NATURE'S MEND has only ONE Quark and it can look like either of theirs when you look at spinning measurable charge potential of proton or neutron flipped over trifoliate genome. When you look at both of NATURE'S proton and neutron-proton as we did in Article 4 HER one quark shows up as all of their two combinations.

To show this we will add an UP or DN to NATURE'S MEND measurable charge potential. UP for +2/3 charge and DN for -1/3 charge. For a NATURE'S MEND proton Q1 is an UP quark and Q2 is an UP quark and Q3 is a DN quark. So a NATURE'S MEND made proton has 2 UP quarks and 1 DN quark. See Figure 6.2 [Figure 4.12 Quark Trifoliate Anterior Maximum Measurable Charge Potential] with added UP and DN Quark Notation.

And to hold to NATURE'S MEND of flipping a proton over to a neutron what happens? We flip the P over and we have Q1 as a DN quark, Q2 as a DN quark and Q3 as an UP quark. And NATURE'S MEND matches perfectly to current theory, but with only one Quark with variable charge contributions. See Figure 6.3 [Figure 4.13 Quark Trifoliate Posterior Maximum Measurable Charge Potential] with added UP and DN Quark Notation.

Maybe this matching of NATURE'S MEND to current theory Common Space understanding is because the quark and electron really do spin in NATURE'S Common Space and not just in the craziness of this new theory of the Cosmos Process Engineered? This is just more definition and refinement, shape, to HER and HER receipt card instructions.

It can be said by using Process Engineering to look out from the core, NATURE'S MEND steps [looks] deeper into Inner Space than current theory. Because you need the quark before you can have particle spin. And you need the spin before you can have the charge. And if you assume a different quark because of a different charge looking in from the outside without spinning you miss something.

I think by now it should be clear that in current theory they are missing a lot of something — basic understanding: Mr. Einstein was right. And now it should be apparent that this something is in the current darkness of Inner Space SPINNING, inside charge to the electron to the quark to the ooze to the GUF to the core GAS of the Origin Particle and to the Origin Particle itself.

It is along this path deep inside Inner Space and beyond current atom smashing penetration that two undiscovered energies or forces reside; and a phenomenon that is thought to be a force will come into the LIGHT of NATURE'S MEND as we travel out from HER core: none of which are gravity.

This Article will bring to light two new energies or forces and change an old force (electromagnetic energy has been around for a long time: Cave men probably captured fire from a lighting strike) to a phenomenon, (its everywhere at all times and applies across the vastness of Inner Space to Outer Space). For electromagnetism covers everything everywhere at all times in Inner Space, Common Space, and Outer Space. One of its chief waves is radio waves. You walk through them every day. Our wireless world lives through them.

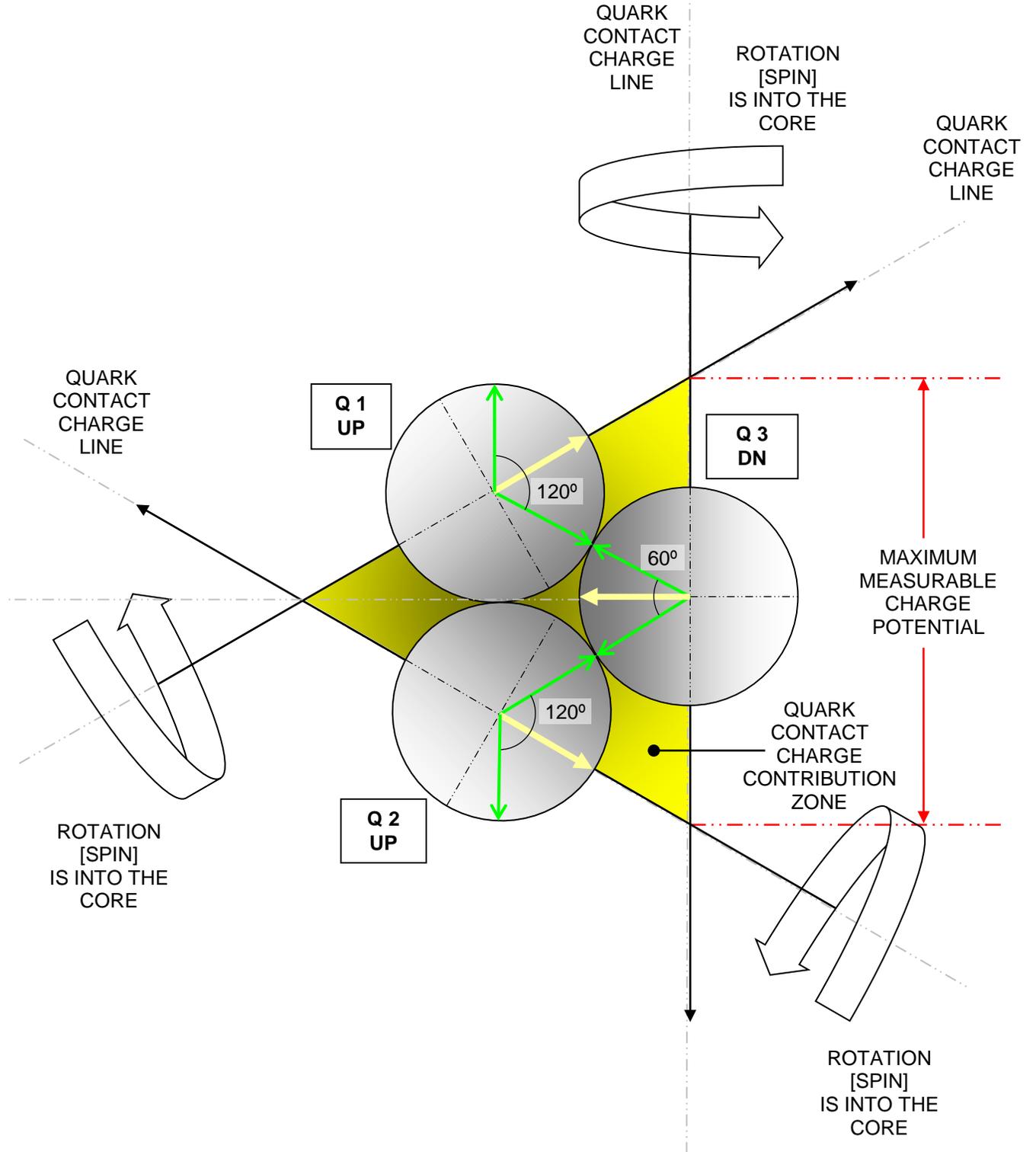


Figure 4.12 Quark Trifoliate Anterior Maximum Measurable Charge Potential with UP and DN Quark Notation

Figure 6.2

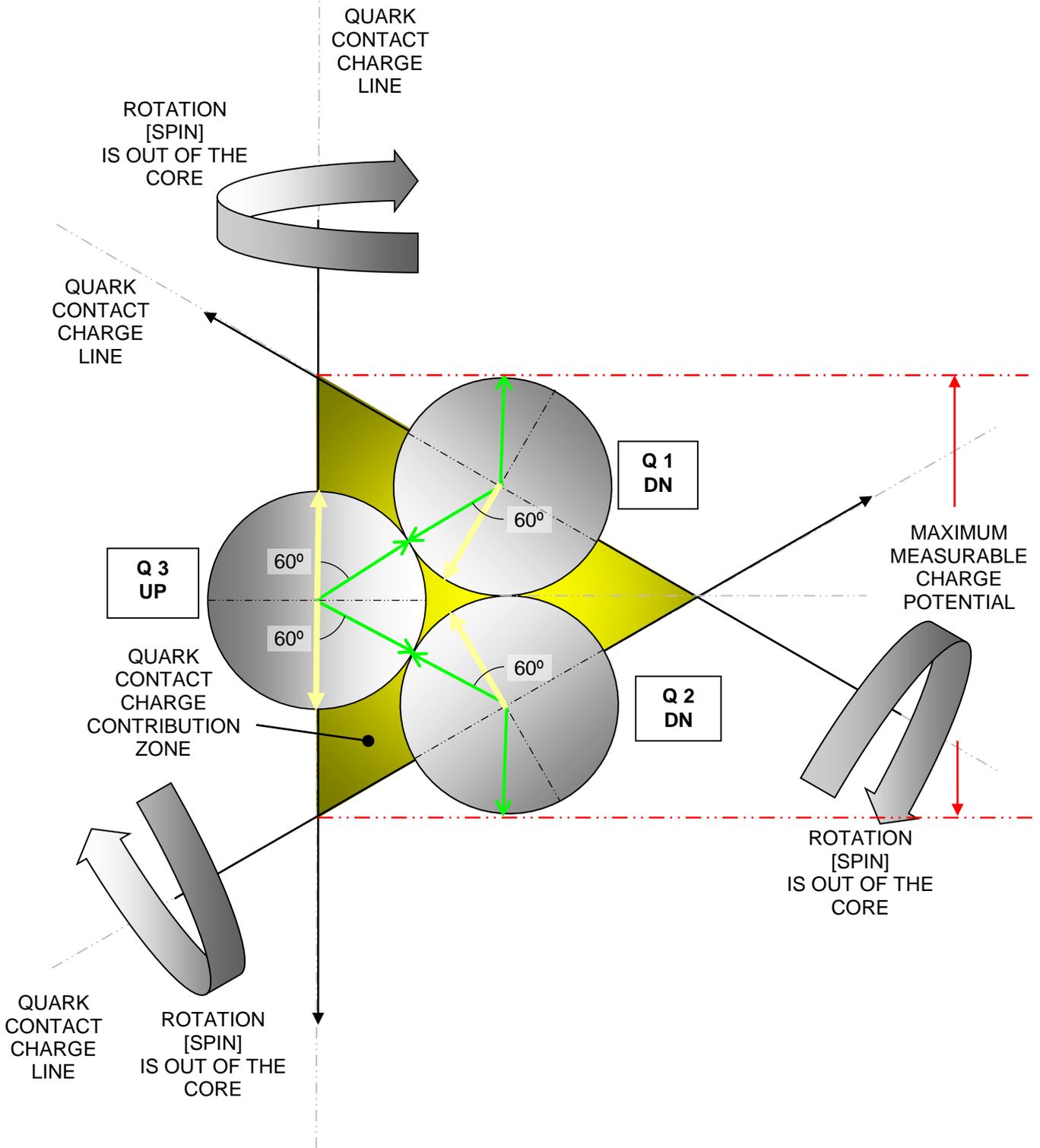


Figure 4.13 Quark Trifoliate Posterior Maximum Measurable Charge Potential With UP and DN Quark Notation

Figure 6.3

And wouldn't you know it, out of current theory black holes there is a strong radio wave [signal]. The mighty current theory black hole is their Ms-Mr Super Gravity. I'm curious – if light can't escape it, and light is another one of electromagnetism's chief waves, how can radio waves escape it? Is there something wrong with the current theory black hole? This will be addressed further in the next Article, which traverses gravity and wrestles with their Ms-Mr Super Gravity black hole.

I will dub the phenomenon of ElectroMagnetic Energy [EME] the "Laplace Power" in honor of Mr. Laplace and his quote included in the front of this book. It transcends the smallest of things, a gas, to the largest of things the COSMOS.

Thus the answer to Dr. Randall's question in the beginning of this Article related to forces, "Could there be others we haven't yet detected?" is: yes!

Before we go after these new things let's look at a tidbit more of history. Prostitution isn't the oldest profession, Astronomy is: Genesis 1.14-15 "...Let there be lights in the firmament ...!; and let them be for signs ...' ..." This command occurred on the Fourth Day, two days before man; male and female. If we can understand NATURE, maybe we can start listening to GOD? NATURE'S MEND becomes the GET [Grand Explanation Theory] for it transcends from BULK₁ through BULK₂ and into BULK₃: Inner Space – Common Space – Outer Space – Beyond Outer Space Space.

What have astronomers, physicists and engineers been trying to do for millennium, even though they haven't been called by those names for that length of time? Have they, have we not been trying to replicate NATURE and understand everything from outside in: the COSMOS [what we see] to the very beginnings [the darkness of what we can't see]? Why have we been doing this; but to increase our basic understanding and help others!

Is there something fundamentally wrong in their current concepts, thought processes, and experimenting in attempting to explain what's in that puffed up empty bag? Has man (generic) not been trying to impose his will on NATURE with atom smashers by looking from the outside in?

What are some real life examples of NATURE'S response to man in Common Space? The Titanic an unsinkable ship as declared by man! MOTHER NATURE sunk it on its first voyage and made it live on in infamy. Of course man's brilliance in 20/20 *hindsight* has resolved the sink-ability. Have you ever looked at the *hind* end of something? Recall our elephant examples. Not the best sight, especially if it is *hindsight* on an elephant. I bet you NATURE would find a way to sink her anyway!

Today in their egos they think man and cows are responsible for global warming and/or climate change. And yet NATURE accelerates the COSMOS and planet orbits are altered as they move apart. Our moon is moving away from us very slowly. How much of an orbit alteration of Earth would affect global temperatures up or down or just mess them all around as we are spinning around our Milky Way?

Did Jupiter's orbit move because of Shoemaker Levi Nine (early '90s meteor break-up (1992) and impacted Jupiter in (1994)). Did that tweak Earth's orbit? Is that the cause of the weather mess we're in globally? How many men gods would it take to nudge our orbit?

What about NATURE'S ways right in our own backyard? What wiped out the dinosaurs? They think it was an earth-impacted meteor in the southeast end of the Gulf of Mexico near the Yucatan Peninsula. It left one huge pockmark under the water. And they are finding pockmarks all

over our globe. What was it that just tickled Chelyabinsk, Russia the day after Valentine's Day 2013? Some god must have gotten scorned by his goddess lover! Or maybe Cupid just missed!

When the volcanoes Toga, Krakatoa, Vesuvius, Mount St. Helens, and Iceland's Eyjafjallajökull blew their lids what were the affects and how long did they last? The last one was considered small on a volcanic scale, yet it made a mess out of man's air travel. Are the effects still lingering today? And the Kilauea volcano and the Yellowstone caldera spew a variety of liquids and gasses continuously into the air, along with deep ocean island builders heating up and stirring around the oceans.

Just look at the evolution of the earth in 4.5 billion years from a subatomic – atomic chemical caldron to a venerable paradise: except for man's godly religious warring on each other. And when the earth quakes, the sea roars, and the wind funnels we run and hide.

Do we really believe that in 42,800 years we can undo 4,500,000,000 (that is 4.5 billion) years of NATURE? What's the time ratio? 9.5×10^{-6} (9.5/1,000,000). At least we have existed longer than the strange quark.

Aha, they really think they are gods in their science and engineering and that they can impose their will on NATURE and everything SHE does everywhere and everyone else everywhere! They sound way too much like politicians piling it higher and deeper.

Yet one of the gods, it was Dr. Randall, in humility whispered, *"But deeper understanding of the fundamental nature of space and time clearly remains one of the biggest and most intriguing challenges for physicists in the coming years."* Did anyone really hear her?

Even with deeper humility I whisper, "Maybe it's a deeper basic understanding of fundamental NATURE HERSELF." Just for a moment (a week of years) can we contain our godly wills in humility, and consider what NATURE does instead of what we want her to do deep inside Inner Space?

They've been messing around for 120 years; can't I have seven? I've been working on this now for seven years.

What is NATURE'S MEND all about when not subject to man's impositions? Is NATURE not about containment? Man tries to impose and replicate NATURE'S MEND fusion reactions and fails. Remember fission reaction is how nuclear power plants operate to produce electricity.

NATURE'S Matter Energy aNd Dynamics contained fusion in the beginning. Or SHE did for a while before the Origin Particle's TRUE BIG BANG BLEVE [Boiling Liquid Evaporating Vapor Explosion]. The BLEVE was a mixture of hot gas-matter-radioactivity blowing apart at beyond the speed of light.

CPE ∇ M-EnD is all about NATURE'S footsteps (ways, means and methods) of fundamental construction as theorized in Articles 1, 2, & 3, and demonstrated in Articles 4 & 5. And expanding in this Article with two quarks becoming one; two new contained energies or forces; and an old force converted to a phenomenon in NATURE, that are far beyond man's current if not absolute imposition of theory and testing of ramming into Inner Space.

From a god or goddess' perspective of imposition they would be the Fourth and Fifth energies (forces) because the PHD gods of current theory are always looking in from the outside: from the top of their BS-MS-PHD heap and I'm not talking college degrees.

However, from NATURE'S MEND fundamental containment of looking from the Inside Out the Fifth is First; the Fourth is Second; the Strong is Third; and the Weak is the Fourth. And here is the leap: Electromagnetic Energy [EME] is a phenomenon of NATURE'S MEND and is present at the Core of the Origin Particle as an EME GAS; in the GUF just outside the core; in the liquid quarks and GUF mixture: when quarks precipitate out; in the fusion reaction zone; elemental construction; and to the Lead shield.

When the OP BIG BANGED, EME was everywhere, and moved with the expanding COSMOS at the speed of light (whatever that is in COSMIC Relativity). Yes, the current theory of electromagnetism has the electromagnetic energy waves travelling at the speed of light.

EME's ranking is difficult to establish at the particle level, at any level. It may be a fundamental energy over all scales, and phases of gas, liquid, and solid, and maybe even entropy.

The two new forces and two known forces become special event indicators along an electromagnetic energy string. String is being used here to impart the "Common Thread" concept to Electromagnetism (EM) and Electromagnetic Energy (EME) and not a tie to superstring theory.

EME is the link from beginning to end. For isn't there an electromagnet at the core of every planet? Under the right conditions of pressure can a super-hot sub-atomic gas be denser than a Common Space solid like iron? Why would it be any different for NATURE'S MEND Origin particle?

NATURE'S MEND keeps on moving fundamentally along, as men-gods are lost in the darkness of expanding space over Absolute Time. The widening gap between current theory and NATURE'S MEND, of both Outer Space and now Inner Space with two new forces and a force converted to a phenomenon of NATURE.

They want something new! I'm just not sure they can handle being turned upside down and have the mathematical and linguistic shit shaken out of them.

Can there be a change in the wind (spirit) of theoretical development of the COSMOS with a behemoth conception; a TRUE BIG BANG birth; and beyond? Could NATURE truly recycle HERSELF in the cycles of SD_nCME_n ? Maybe the polarity of EME flips from repulsive to attractive in the end and pulls it back together again with NATURE'S Core Vacuum for another cycle: $SD_{n+1}CME_{n+1}$. And you have a g-force effect squared in collapse as we did in expansion.

The recipe card seems to be sound and instructions for mixing are stirring and spinning around as HER SPIN lighted the way to explaining dark energy, dark mater, and other darkness in the previous Article with G-force effect squared due to detonation and centrifugal sling energy.

Let's look back at Article 4 and **QUARKS** → **SPIN** → **CHARGE** → **ELECTRON** → **HYDROGEN ATOM**. These two energies and the phenomenon of electromagnetism are sequestered (held captive) in the expanding theory of that Article, but were not brought out for detailed discussion.

There is a time and a space for every matter & matter under heaven. Sorry, a little BULK mixing, it just comes out in me. You see GOD and science are both part of my core.

NATURE'S MEND started at the core so let's let HER ROAR.

The exploration for these new energies or forces and the phenomenon of electromagnetic energy will start at the core looking out. Deep inside Inner Space, deeper than the Titanic LHC (Large Hadron Collider) will probe.

The LHC is the latest and greatest of man's atom smashers. Its ring is over 5.4 miles (8.7 Km) in diameter. That means the atomic NASCAR track has almost 17 miles (27 Km) per lap. The Daytona 500 would take less than 30 laps.

Current theory experimenters [atom smasher drivers] are trying to track a gnat on an elephant's ass as the gnat races around at almost the speed of light. Actually it's two gnats, one going clockwise and the other going counterclockwise. And then when two gnats smash they want to make something out of the crash by looking in on the darkness of deep Inner Space chaos captured by their electronic detectors. Do your electronic devices always have a perfectly strong signal?

Their theory (guessing), experimenting (testing – smashing), and analysis (looking for answers) is all based on the gnats need to spin, but really not spinning. They usually have to wait for a billion gnat smashes before they have one worth looking at. If NATURE was this inaccurate do you think SHE would have evolved to where SHE is today? Not likely! Not in all probability!

When they can't see what they want NATURE to be, they guess some more, build bigger titanic smashers, and bash some more gnats in darkness. For the next generation of atom smashers are already being planned, and the LHC is just setting sail as it increases its applied power again.

And here we are in Article 6 of NATURE'S MEND for the UNIVERSE deep inside Inner Space far deeper than they have ever penetrated [smashed] looking out into the LIGHT of Life and LIFE in BULK₁-BULK₂-BULK₃: the Grand Explanation of Everything [GEE]. GEE, gee could NATURE'S MEND really be? The word gee, is considered a juvenile expression of surprise. If NATURE is absurd SHE must be juvenile.

Before we build on these new forces and phenomenon lets for a short time continue to look at the current theory and the three known forces associated with particles.

The Strong and Weak Force can be classified as internal originating forces linked to binding energies of particles in the current theory Standard Model of Particle Physics.

Current theory electromagnetism can be classified as an internal originating force of components and a force of accumulation with external implications. This allows their electromagnetism to apply from quarks to the COSMOS spanning Inner Space to Outer Space.

The Strong Force binds quarks as long as they remain right-handed. They could also be left-handed. We will elaborate on this some more in this Article.

The weak force is associated with beta decay of neutrons into protons and left-handedness. If neutrons can decay into protons, just maybe a neutron is a flipped over proton with a hidden electron.

They seem to know a lot more about the Weak Force than the Strong Force. They have never been able to separate quarks in experiment which are bound by the Strong Force. In their theory the Weak Force is related to the fusion reaction where hydrogen becomes helium. These are the two gases we will be blowing around in this Article.

Remember they are looking in on Inner Space and we are looking out from the core.

If their looking approach is applied to the Origin Particle [SD_nCME_n] slice of NATURE'S MEND the Weak Force would be the first they would see and the last we would see from the core. And it is, for the fusion reaction zone is the third layer from the outside and the fifth layer from the core of SD₁CME₁. The Strong Force would be a little deeper into the fusion reaction zone. Electromagnetism is in there some place. See Figure 6.4 SD₁CME₁ Cross Section (PRE TRUE BIG BANG) With Current Theory Forces.

The deeper they penetrate towards the core of NATURE'S MEND Origin Particle the greater the force required. Looking at this figure again, there is a tremendous amount of penetration required to reach the core. This means there is a tremendous amount of undefined force in current theory. NATURE'S MEND has just alluded to this force with two new forces.

The PhD gods also layer their weak force with linguistics and say that it violates "*parity symmetry*". All this means per Dr. Randall is, "*that the mirror image of particles would behave differently to each other.*" This gives it a special distinction from their electromagnetic force. However the key thing to remember here is that a "*mirror image*" is a two dimensional image and doesn't consider the spatial specialty of NATURE'S 3D where the Visible Dimensions = the Physical Dimensions and "what's going on here" if the particles are really spinning in the real world.

She goes onto explain, "*The weak force violates parity symmetry by acting differently on left-handed and right-handed particles. It turns out that only left-handed particles experience the weak force. For example, a left-handed electron would experience the weak force, whereas one spinning (not really spinning in the "Really Real World" of their theory) to the right would not. Experiments show this clearly – it's the way the world works – but there is no intuitive, mechanical explanation for why this should be so.*"

I beg to differ. We have already shown the intuitive NATURE of this in Article 4 with quarks and their wedge charge signs in radial vectors and the resulting surface charge signs. Though we didn't address left-handedness specifically, we will in this Article in a NATURE'S MEND 3D way.

Left-handedness follows the same description as was used to explain right-handedness in a previous Article. The only difference is that you hold your left hand on the left side of the arrow. Then you curl the fingers of your left hand around the arrow. They curl clockwise, which is just the opposite of counter-clockwise or right-handedness.

We can look at quarks as if they were electrons because in Article 4 they have the same spin handedness and charge signs and the three Qs were the driving particles that formed the electron.

If you look at one quark (Figure 4.9) with surface charge and laid it next to a mirror you would see what appears in Figure 6.5 Current Theory Right Handed Quark & Mirror Image with Surface Charge Signs. The pointing arrows would point in the same direction; the spins would be in opposite directions, which would allow them to keep spinning.

It is important to consider the surface charge sign colors again: Blue is for Anterior [front] and Red is for Posterior [back]. Note that in the mirror image the Anterior and Posterior surface charge signs have switched positions in the brackets. However they have not changed physical positions in the 3D real world of NATURE'S MEND. This results in the surface charge signs being the same, and they would repulse and move away from each other and never come together for interaction. Without interaction of particles there would be no force association. Thus in current theory mirror left-handedness doesn't work. Maybe that's why for them "*there is no intuitive, mechanical explanation*

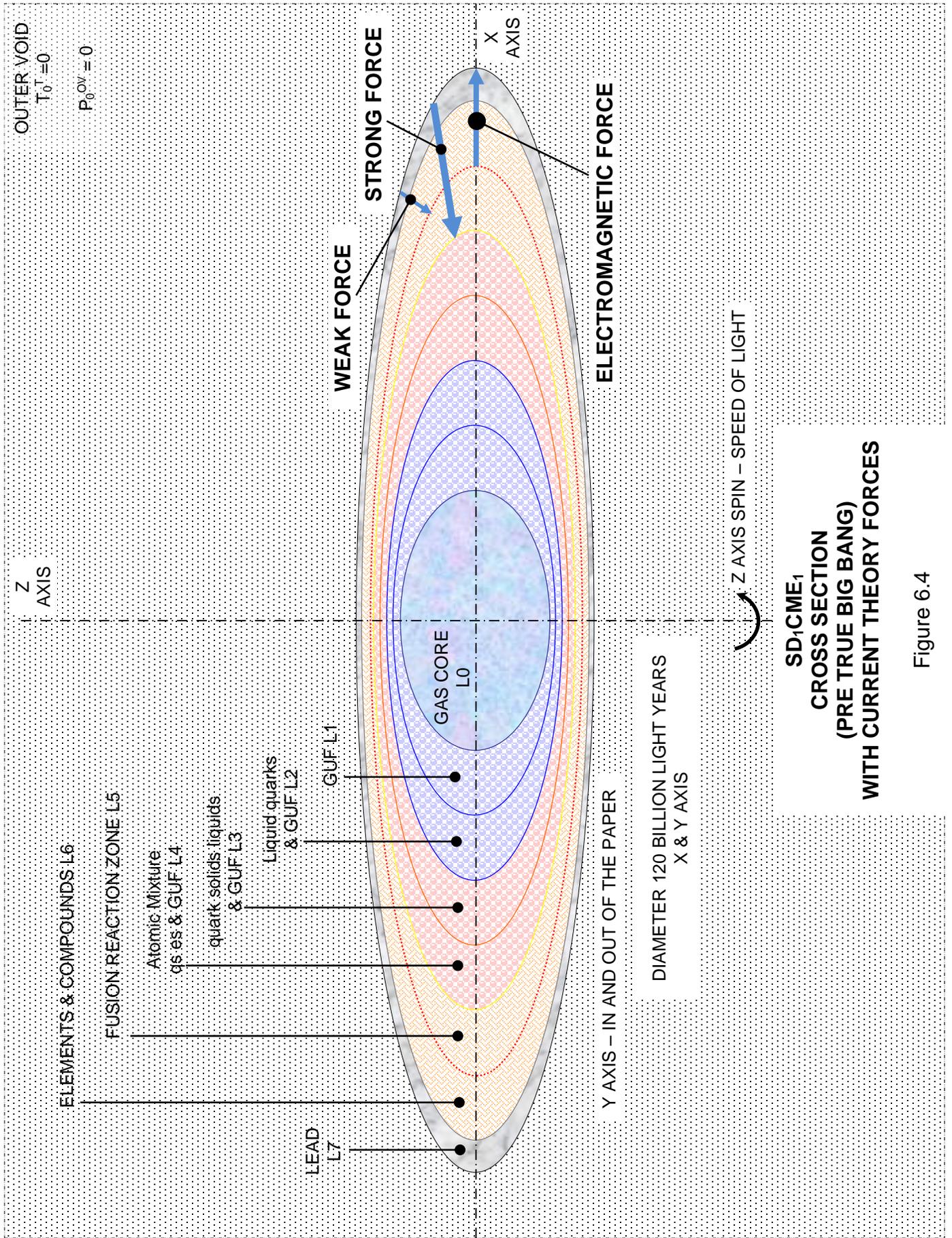
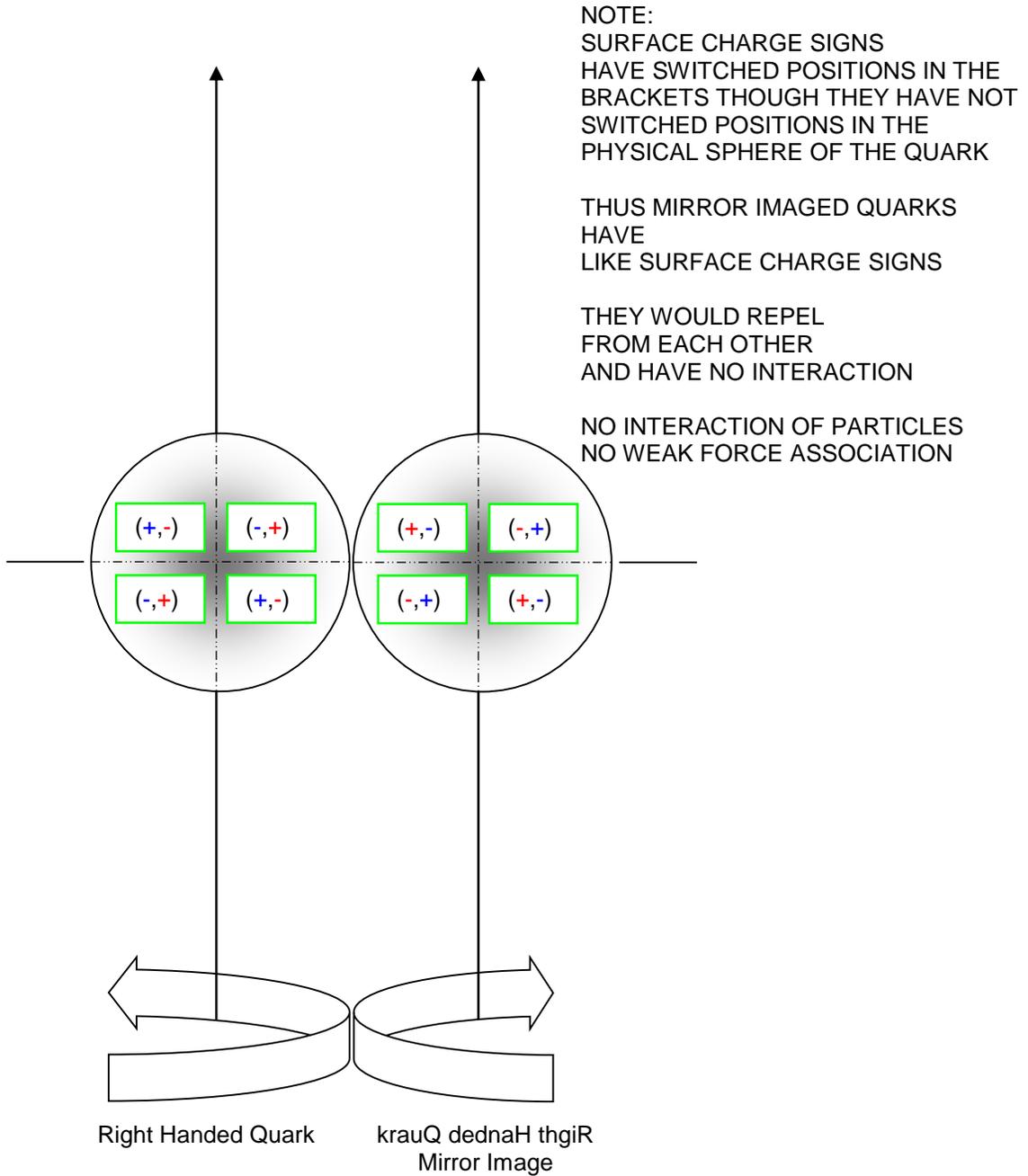


Figure 6.4



Current Theory Right Handed Quark & Mirror Image With Surface Charge Signs

Figure 6.5

for why this should be so". Without spin they are static which eliminates the mechanical and electrical effects of NATURE'S MEND Spinning.

There has to be something wrong with the current theory mirrored image concept of Right to Left Handedness. And there is. They are ignoring the charge sign effects of "Really Real World" 3D spinning in there 1D viewable 2D play land of smoke and mirrors.

Let's look at a True NATURE'S MEND pair of a Right Handed and a Left Handed Quark. See Figure 6.6 NATURE'S MEND Right and Left Handed Quarks with Surface Charge Signs. There is a Strong Force attractive surface charge connection: an electromagnetic energy link. This allows them to keep on spinning inside NATURE'S MEND Inner Space and be conservative.

But remember Quarks are always in three, so we will need to come back to this left-handed weakness and see what it can really be later in this Article.

For now, it's all intuitive and mechanical when you really let them spin in the "Really Real World" of NATURE'S MEND 3D. And if they do spin in the "Really Real World" as in Article 4 and a hydrogen atom has three quarks with an attached electron. It can look like a proton or a neutron and all are spinning with the right-handed configuration.

To peel the electron off the neutron would require it to be spun in the opposite direction and what's opposite to right? Its intuitive, it's left. And thus a left-handed free electron would be associated with the Weak Force in NATURE'S MEND.

More of what they don't understand is explained by NATURE'S MEND. SHE scores again!

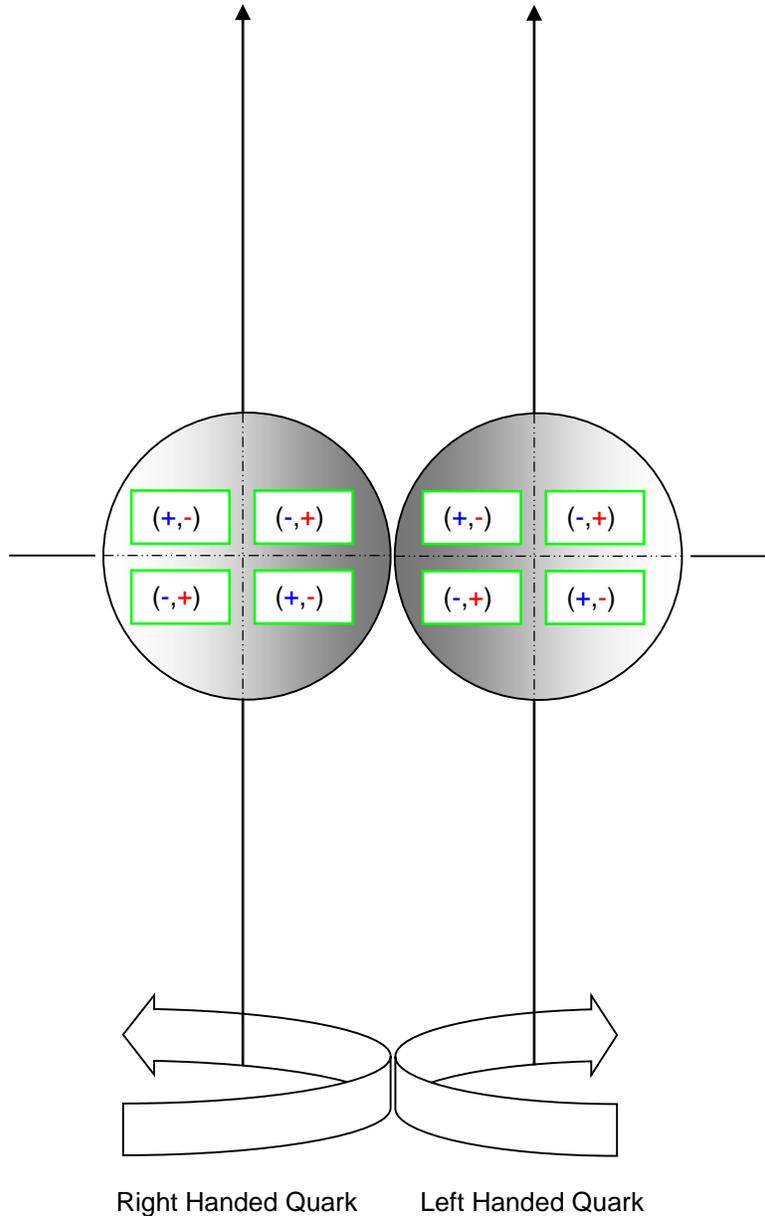
If the spin of the electron is driven by the spin of the quarks as it is in this theory from their birth, when quarks slow down, their momentum change could easily reverse the spin of the electron. This is possible because the mass ratio of one quark is over 600 times that of an electron as previously discussed in Article 4.

More is explained, and the LIGHT of NATURE'S MEND consumes the dark fuel (mysteries) driving the absurdity of current theory.

And as electromagnetic energy describes both electricity and magnetism and the Strong Force it must come before the forces of current theory and the two new forces, of this theory. It seems to be everywhere at all times. It's what makes cell phones and radios work by their receiver surfing electromagnetic waves. It's a force field, or the field that holds the clue to all forces.

Pressure is also considered an electromotive force. Electromotive force – The force due to a difference of potential that causes an electric current. This difference in pressure can be considered a difference in potential and cause current to flow: as in EME [Electromagnetic Energy] current to flow from the core Energy Gas of NATURE'S Origin Particle to the surface to due pressure [electrical potential] differences.

From their theory it seems particles pick and choose what forces apply to them or what forces they impose on each other whether they have mass or not. See in current theory some things (particles) have mass and some things (particles) don't. They think massless gluons hold quarks together. I guess this is because quarks aren't really spinning in their theory and are not attractive electromagnetically so they need some sticky stuff (glue-on them) to hold them together. This is just more of their darkness of looking inside from the outside without spinning.



NATURE'S MEND Right and Left Handed Quarks With Surface Charge Signs

Figure 6.6

In this theory it will be the phenomenon of Forces [electromagnetic energy] that drives everything.

It is not the intent of this work to expound (detail) the humble elegance and work of "WARPED PASSAGES", Dr. Randall did a great job in painting a picture of the reality of current theory; the rant of "DEATH By BLACK HOLE", the author knows something about everything and knows nothing at all (one slip of the earth doing loop to loops landslides a 100,000 steps) {maybe I'm just like him}; or the frigidity of "The Elegant Universe", Dr. Greene is absolute about strings being the answer to everything. I will end this reflection into current theory forces with this paragraph.

However, if you think me to be crazy, go and read these works. I fit right into their nut-house of guessing at what makes the COSMOS go around. Oh, that's right; I'm not guessing I'm letting NATURE SPIN [EXPOSE] HER Matter Energy and Dynamic Recipe by really spinning. And HER COSMOS was spinning in the previous Article and it may be actually spinning in Common Space Outer Space today as also noted in the previous Article.

Remember spinning relates to charge and describes both electricity (charge) and magnetism (attraction) in this new theory. And both can be plus or minus, attractive or repulsive in that opposites attract and likes repulse. Maybe gravity has more to do with repulsive EME and motion than mass? Resolution (clarity) of this is only one Article away.

I find the future of CPE ∇ M-EnD much more exciting as it continues to shed light on the dark-holes [lack of basic understanding] that permeate current theory quantum and COSMIC physics.

For example: the changing of a force to a phenomenon with Electromagnetic Energy. There was a little tickle of a spark (a shock or buzz in my gray matter) of something different in Article 4, but I was so engrossed in birthing a hydrogen atom that I did not entertain the current. And forces weren't the focus of that Article, particle formation and association with some present understanding was.

The only thing amiss is the mass of up and down quarks. Maybe it's a miss in current experimenting with atom smashers and what they think they are seeing and what's really going on in the "Really Real World" of NATURE'S MEND Inner Space and the applicability of $E = mc^2$. This will come up again in latter Articles, but it's how they calculate mass and put it in terms of electron volts (eV) versus pounds or kilograms.

For CPE ∇ M-EnD the mass of the quarks is identical because NATURE has shown in this theory that SHE has only ONE quark.

For current theory they are different, but then also in current theory, the very value of the mass is different depending on the source.

"WARPED PASSAGES" list the up quark at 3 MeV (3 million electron volts) and the down at 7 MeV.

"THE FUTURE OF PHYSICS" article in the February 2008 SCIENTIFIC AMERICAN⁶⁵ lists the up quark at 2 MeV and the down at 5 MeV.

That's only a nominal 33% difference in current theory.

If they are the same in my theory at 3.5 to 4.5 MeV I should fit right in. This is a wild as guess by the way.

However, with this work mass is mass and we are more concerned about ratios than actual values as we discussed earlier with the mass of the quark some 600 times larger than the electron. This will come into play in the last Article with more LIGHT shed on atomic darkness.

Mass really only comes into play in their theory with Gravity.

If Gravity is really anti-gravity then mass is a condition, and not an indicator. Much like gender and intelligence! We just have to wait for some anti-gravity to pop up in the next Article.

Let's do a little comparative dance with the phenomenon of electromagnetic energy, mass, and charge.

CPE ∇ M-EnD just demonstrated that the mass of the up and down quarks are the same for NATURE'S MEND, but did not put a value on them. It also demonstrated that a proton contained two UP quarks and one DN quark based on charge of current theory. And that a neutron contained one UP quark and two DN quarks based on charge of current theory, though in NATURE'S MEND the neutron is just an upside down proton with a hidden e so its mass would be a little more than a P. And the measurable charge potential of the ONE quark out of CPE ∇ M-EnD matched that of current theory charge of UP and DN quarks.

The charge in this theory was not imposed, but contained within the spinning construction of the proton from one quark in a group of three contained in NATURE'S MEND with a naturally endowed charge from the spinning of HER particles at birth.

The charge of all things is the spinning phenomenon of electromagnetic energy: a natural linking energy. One could call it a NATURE'S MEND made superstring; though it's not physical it's electrical. This is best illustrated with the charge effects that take place at the birth of a quark, a proton, an electron, a hydrogen atom, and extending to the polarity of planets.

Let's go back and look at the core events of Article 4 and focus on charge and spin. Remember in current theory it's called "intrinsic spin" and it really doesn't spin.

As the quarks drop out of the liquid quarks and GUF they develop an inherent spin. This activity then induces a stirring of the entire fluid and ultimately a spin on SD₁CME₁. It was said that this may even tie to other COSMIC rotations. Where in NATURE'S MEND could the spin come from?

As we look at the process inside the Origin Particle, elements and compounds are being fused in layers L5 & L6 from the core or the first two layers inside the Lead crust. This means that the mass of layers L5 & L6 are increasing.

If everything is contained in the Origin Particle and mass is conserved, mass has to move in the Origin Particle of NATURE'S MEND from the core and remaining four layers to L5, L6 & L7. It is pumped due to the differential pressure difference between layers with the highest pressure at the core from the pulsations of electromagnetic energy [EME]. This pulsation of EME is known to occur naturally in NATURE. As the core pumps electromagnetically, pulsing in an out or what could be called a back and forth motion, to the next layer and so on and so forth, electromagnetic waves are generated. It's a wave function: it is NATURE'S MECHANISM and is unrelated to the god Higgs Mechanism.

And by current definition electromagnetic waves are related patterns of electric and magnetic force. They are generated by the oscillation (movement back and forth) of electric charge. Thus the core is an energy-based gas of pulsing (oscillating) electromagnetic energy (pressure change). It has one component of string theory. And if it is really spinning about one axis it has the other. This will come into play at the end of this Article.

They know what they need they just don't know how to TRULY postulate it in the "Really Real World" without "Really Real World" particle spinning. Maybe I have been too hard on them?

As quarks form, they do so on this electromagnetic wave. And anything spherical rolling up and down on a wave will spin. Thus NATURE'S MEND has the mechanism to induce spin on HER first particle the quark. My endowment of spin early on comes about naturally in NATURE'S Origin Particle's internal oscillating physical and electrical motion. This effect can be seen naturally in the formation of Ice Boulders on Lake Michigan in the USA during the winter of 2013 – 2014, though it occurs around a specific cold temperature range with waves, the process mechanism is the same.

EME is more than a force; it is the very Essence of Existence of Inner Space at the core of the super-subatomic of NATURE'S MEND. And here is the zinger: the strength of the magnetic force always equals the strength of the electric force. It's intuitive: they come together, they stay together, and they play together. And it will come into a final point of light [the visible stuff] in Article 8.

And in Common Space the electromagnetic spectrum has seven primary bands of different wavelengths; gamma rays, X rays, ultraviolet light, visible light, infrared rays, microwaves, and radio waves with 8 distinct markers. Some split infrared into near and far. Visible light will shine again in Article 8 with brightness beyond belief.

NATURE'S MEND has a way to make particles spin without me endowing it with spin as I did in Article 4.

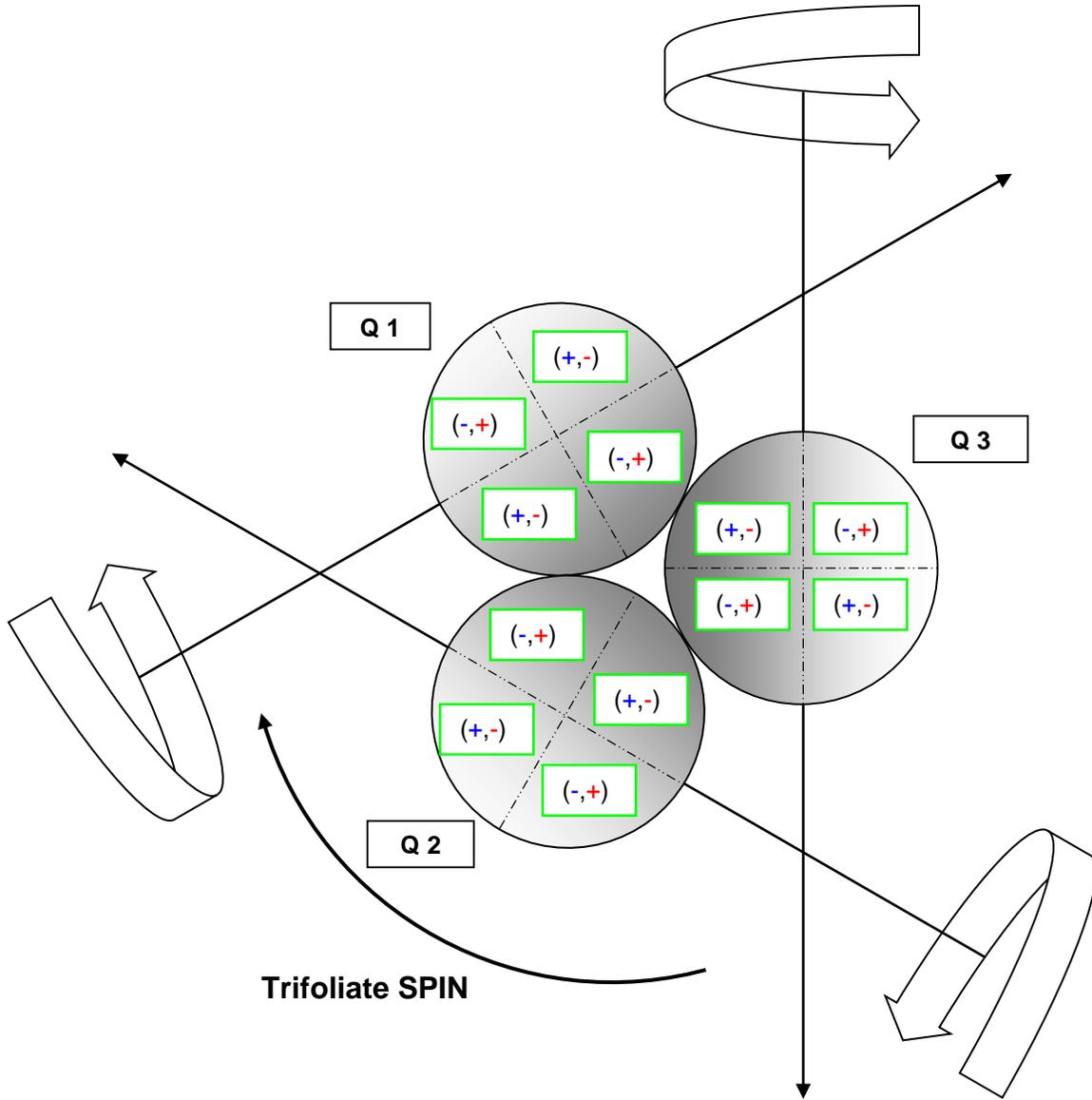
NATURE'S MEND mixing instructions are taking place – completion of HER receipt card is on pace to be completed by the end of this work. Then the real work can begin to see how SHE tastes.

From Article 4 it was established that in a trifoliate state a quark has a spin of $1/2$ and a total potential charge of 1. What happened to the rest of the spin and charge? It was touched on briefly in Article 4.

As spin relates to motion, and motion to charge in the phenomenon of electromagnetic energy the charge goes to binding energy and the spin goes to the trifoliate as all pointing vectors act to rotate it clockwise. Figure 4.11 is included with the added spin indicator for the trifoliate and is denoted on Figure 6.7 *Trifoliate Quark Charge Signs Figure 4.11 Updated With Trifoliate SPIN Vector*.

The spin of quarks due to the phenomenon of electromagnetic energy adds another aspect to the quark trifoliate that was shown through measurable charge potential calculations of Article 4 but not discussed. It was shown that the trifoliate has different characteristics when observed and/or measured from the front than it does from the back.

From the front the spin of the quarks is into the center of the trifoliate. Thus they are additive in NATURE when it comes to charge (pressure). And when observed or measured they would have their maximum charge and be a proton. That was shown to be 1 QC.



Trifoliate Quark Charge Signs
Figure 4.11
Updated with
Trifoliate SPIN Vector

Figure 6.7

From the back the spin of the quarks is away from the center of the trifoliate. Thus they are subtractive in NATURE when it comes to charge (pressure). And when observed or measured they would have their minimum charge as they did in the proton flipped over neutron. That was shown to be 0 QC and it had a hidden e giving the N more apparent mass than the P. It is the natural phenomenon of spinning induced electromagnetism from EME and it will come into play with the quark trifoliate assembly of the helium atom.

In all respects the combining of quarks from one to two to three is naturally conservative for momentum, charge, and magnetism. There is no change from one to two. The change occurs at three, there's that physical spatial specialty of three at play again.

The quark's spin momentum is reduced by 50%, but the trifoliate has rotation momentum.

The individual quark's charge is reduced by 50%, but the quarks are bound at hemispheres to each other by opposite charges attracting. Because the trifoliate is spinning it must have charge. This is not something I imposed with CPE ∇ M-EnD it is just what is contained in NATURE'S Matter Energy and Dynamics of the theory. The inner half of the Quark Contact Charge Contribution Zone of the Trifoliate from Article 4 goes to charge. The outer half goes to magnetism of equal magnitude. Note: the quark spin charge and the trifoliate spin charge are perpendicular to each other just as one would expect from Common Space understanding. And when you add an e you have neutrality both electrically and magnetically.

It's HER ways, means, and methods of construction. And it turns out to be the Natural phenomenon of electromagnetic energy. She builds with it from the core through quarks, to protons, electrons, to atoms, elements, substances, objects, planets, and ultimately the COSMOS.

Let's take one more peak back at the birth of a hydrogen atom and extend that to the formation of helium.

As discussed in Article 4, as three quarks come together they slow down and bind in three in stability, a quirk of NATURE. Thus the Strong Force is established in the binding (fusion) of quarks.

This binding or fusion energy is electromagnetic. Because it is spinning it builds charge, and where you have electrical charge you have magnetism. Just as we discussed above.

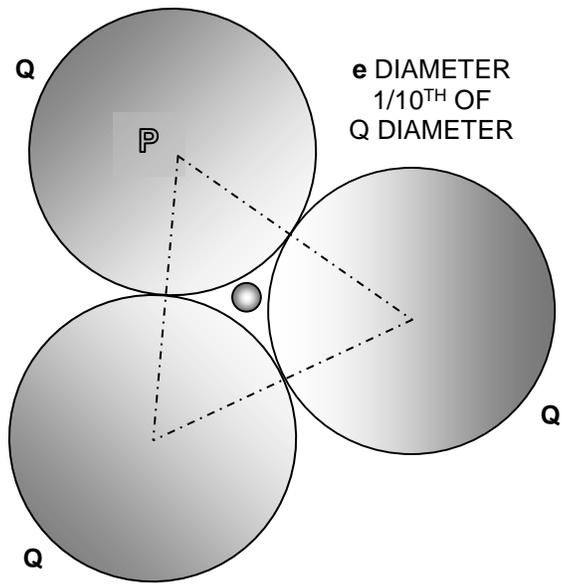
The strength of the Strong Force has to be related to the spin speed, mass – surface area, and the separation between the quarks. And here is what is special about the quark trifoliate: the separation boundary layer between quarks is zero, they actually can touch. It's something spatial special about spheres. And when they touched they expelled an electron "e".

With them touching the size of the "e" is limited by the geometry of the Quark Trifoliate. I guessed at a ratio of 10 to 1 of Q to e. Where does this fit geometrically. First we will look at an e with a diameter of one tenth (1/10) (0.1) the diameter of a Q. An e can easily slip out of the core of the Q Trifoliate. Next we will look at an e with a diameter of one and one half tenths (1.5/10) (0.15) and it becomes a tighter fit: it's almost binding. See Figure 6.8 Q & e Related Geometrically.

Maybe the mass of the e can be related to the mass of the q geometrically?

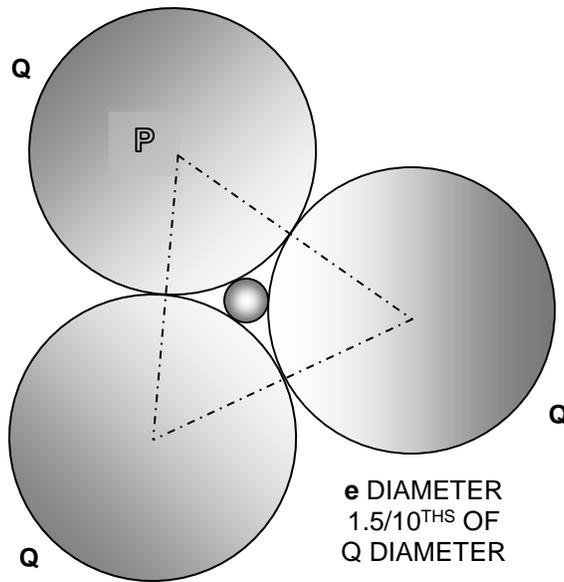
If Q & e density are equal we calculate them volumetrically with $\frac{4}{3}\pi R^3$.

An e with an R of 1/10TH of the Q results in a Q mass of 1000 times larger than the e mass.



With e DIAMETER 1/10TH of Q DIAMETER – e can easily slip out of the core of the Q Trifoliate.

With e DIAMETER 1.5/10^{THS} of Q DIAMETER – the e appears to be binding.



Q and e Related Geometry

Figure 6.8

An e with an R of 1.5/10THs of the Q results in a Q mass of 296.3 times larger than the e mass.

If we average these two Q mass numbers because the e pops out just before Q binding we have a Q mass in NATURE'S MEND of 648 e masses. This is within 6 percent of what is expected in Common Space today. Not bad considering the differences in up & dn Q mass estimates in Current Theory. As one should expect NATURE'S MEND works geometrically physically, electrically, and magnetically. This will come back into play in Article 8.

You may be wondering, "How can this be? What is going on here? It's not complicated mathematically or linguistically!" It is something *spatial special* with 3 spheres spinning in the same direction (having the same handedness) and having opposite surface charges to attract them. At the point [it truly is a point of no dimensions – no area] of contact the velocities are perfectly equal and thus no friction or resistance to movement occurs. Thus the EME force at quark binding is at a maximum level making it a Strong Force attraction for a "solid state" of bound quarks.

I have used "solid state" here because with more energy (pressure) greater than the Strong Force things separate, become free individual quarks, a liquid or particles and move easily. And with even more energy (pressure) things become a fluid without particles. And with even more energy (pressure) things become an EME super dense gas. And it will be at these boundaries of changes of state [phase] fluid and gas that we consider the two new Energies or Forces of NATURE'S MEND.

The Strong Force is the patriarch (leader – top dog) wagging the tail of the particle world. But what about the rest of the sub-atomic world of NATURE'S MEND deep inside Inner Space where fluids ooze and gasses cruise inside layers L4 – L3 – L2 – L1 – L0?

Maybe that's why the current gods of particle physics are having so much trouble. They are stuck in a particle world and haven't considered the possibility of the other two phases of NATURE'S Matter Energy and Dynamics of pure fluids and pure gasses. Pure: meaning that's all that exists in those phases. It's a Pure EME Fluid for the Fluid Phase. It's a Pure EME Gas for the Gas Phase.

And today in their atom smashing imposition on NATURE they have not been able to isolate just one quark. Though, through recent mass smashing of clumps of ions of gold or Lead they are claiming to have penetrated into a quark liquid condition. This will be addressed further in Article 8.

On with NATURE'S show imaginarily, where they can't quite go physically with their atom smasher technology! And emotionally their all twisted and tied up in darkness.

As the three quarks came together they expelled an electron from the core and then captured it in an orbit by a function of charge. Now I think we can say a function of electromagnetic energy which is electromagnetism. And all four of the particles were spinning with right-handedness.

At the birth of the first particle [NATURE'S ONE Quark] and then the second particle [the electron] the first element, the first Common Space gas, was also birthed, and neutrons were absent.

If neutrons are absent in the beginning maybe they don't exist and are really nothing more than upside down protons with hidden es. If NATURE'S MEND worked for the crazy quark in hydrogen, why can't it work everywhere for everything else with elements to compounds and conglomerates?

How much of a gap is there between the electron and the quarks?

There have been many theories about the electron orbit. NATURE'S MEND will address another new one in Article 8.

Here is a little flavor. Maybe neutrons are just upside down hydrogen atoms with a sequestered (hidden) electron and that's why the current PhD gods think the neutron weighs more than the proton. And if their mixture of UP and DN quarks are different from a proton to a neutron then the quarks also have to have different weights for the neutron to weigh more. And thus current theory quarks can't weigh the same because the proton and neutron have different weights with different numbers of UP and DN quarks. So the quarks must be different in weight also. It's a little absurd, but then again so is their nature by their very own definition.

Remember they can't measure in dynamic three-dimensional motion. This very restriction means they can't detect everything going on when gnats smash on an elephant's ass in their atom smasher crash.

As noted above they are just starting to impose on something new with their quark liquid. But it's really not a liquid. For them it is a mixture of quarks and gluons. Again further discussion is left for Article 8 where NATURE closes the gate on current theory gluon liquid.

But if a neutron can decay, and in Common Space understanding it does, and it decays to a proton by release of energy and an electron then the quarks can be the same weight and in all likelihood be one instead of two. And NATURE'S MEND moves on with logical simplicity. For the less there is the more simple it is.

A pure fluid is simpler than a mixture of solids. And an pure (stand-alone) energy gas is the simplest of all. That is we're talking about these states deep inside Inner Space and not a Common Space Colorado Bull Dog at a bar in the mile high city of Denver. Or some umbrella drink on the beach near Naples, Florida. Or maybe it's just a Miller Light, "Great Taste... Less Filling"⁷⁵. Or a little O₂ gas after a great play or being scared away [in shock].

Thus there is some level of a stronger force than the Weak Force associated with electron captivity (sequestering) to three quarks. But it can't be as strong as the Strong Force because the electron is some 648 times smaller than the quark and thus its electromagnetic pull cannot be as strong along the neural path between quarks.

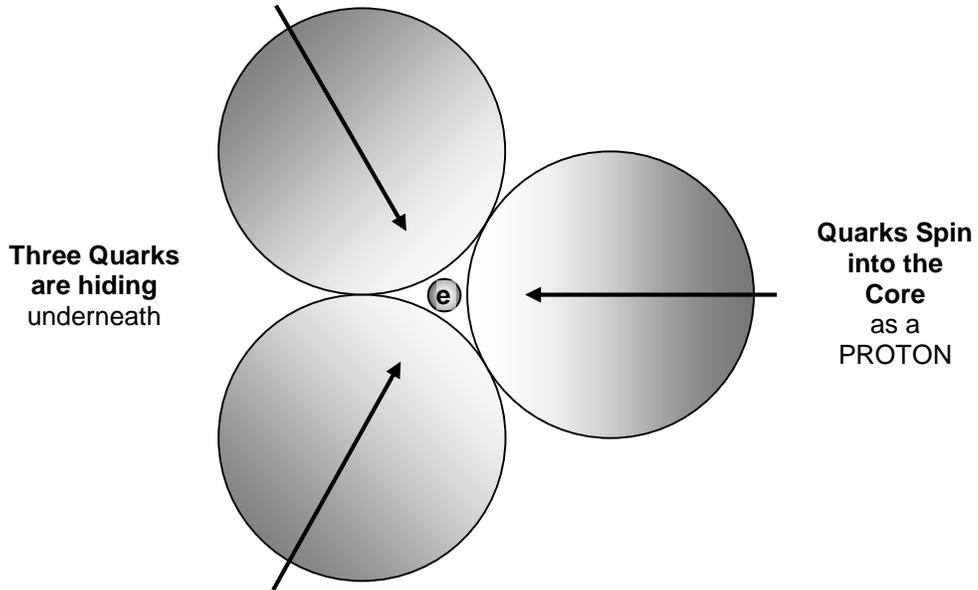
They have been able to isolate electrons in Common Space. They used single shot electrons in a rerun of the Thomas Young Double Slit wave nature of light experiment. It turned out the same as the original after billions of electron shots.

Where do we go from here? Well, as soon as you have three quarks capturing an electron you have the first atom: an atom of hydrogen. We will move on with this first Common Space gas. And eventually we will come back to the forces that are stronger than the Strong Force.

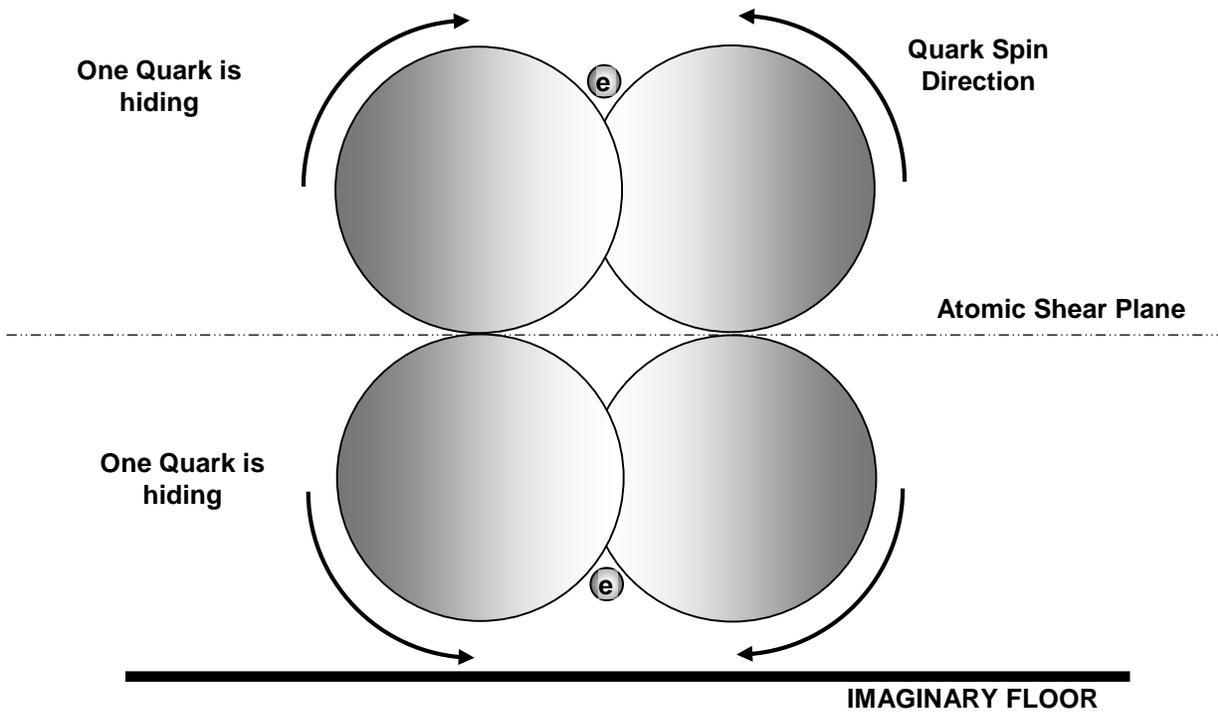
As hydrogen likes to exist in a diatomic form, two mated protons each with an electron are stacked vertically. See figure 6.9 Natural Diatomic Hydrogen (H₂). Note: This is an alteration of Article 4 where diatomic hydrogen was shown with nested quarks.

It would be like trying to lay three basketballs on the floor with a ping pong ball stuck in the middle of them, and then trying to balance three more basketballs and a ping pong ball on top of them. Even with them glued together as atoms of H it would be a difficult task.

NATURE'S MEND



TOP VIEW



SIDE VIEW

NATURAL DIATOMIC HYDROGEN (H_2)
(A Double Stack of Protons)
(6 Quarks and Two Es)

Figure 6.9

The plane or imaginary sheet of paper between these two sets of four will be called an atomic shear plain. It is a plane of instability between the atoms that in all likelihood promotes the explosive nature of H₂, NATURE'S diatomic hydrogen.

All I'm doing is starting to adjust the science [the mixing and baking instructions] for NATURE'S MEND recipe card. I'm adjusting the flavor, as things become clearer in HER LIGHT [Basic Understanding].

What's special about this from the top and bottom? It looks the same; the spin is into the center of the quarks on the top and on the bottom. And the two electrons do something; we just aren't sure what, at this spacetime. We have six of the one and only quark and two of the one and only electron in diatomic hydrogen.

Then when two diatomic hydrogen atoms fuse, four quark trifoliate (four protons with electrons) (twelve quarks with four electrons) meld and realign to form helium as shown in Figure 6.10 Helium (He). How do 4 protons in 2-H₂ become 2Ps & 2Ns in Helium?

In the realignment, the four quark trifoliate make a double pyramid with one quark trifoliate on top and one on the bottom and six quarks around the atom's equator. Quark and atom symmetry is maintained.

The helium atom forms a ball shape or sphere shape without an atomic shear plane of instability like the H₂ atom had. It should be more stable geometrically. And it is for it is the second element and the first Noble (inert) [Likes to be alone] gas. It doesn't mix with other things like hydrogen. I'm glad hydrogen likes to mix: for what would we do without hydrogen oxide – dihydrogen monoxide - H₂O – water. See science with its linguistics can make things complicated. NATURE just has water [The NECTAR of GOD] to help us survive.

Now the challenge is to consider what happened with all the spinning and charge and 2Ps. We will take a simple approach.

If in the fusion of H₂ to He the quark trifoliate flip over everything becomes very simple. The top and bottom trifoliate spin into their cores and the others spin out of their cores.

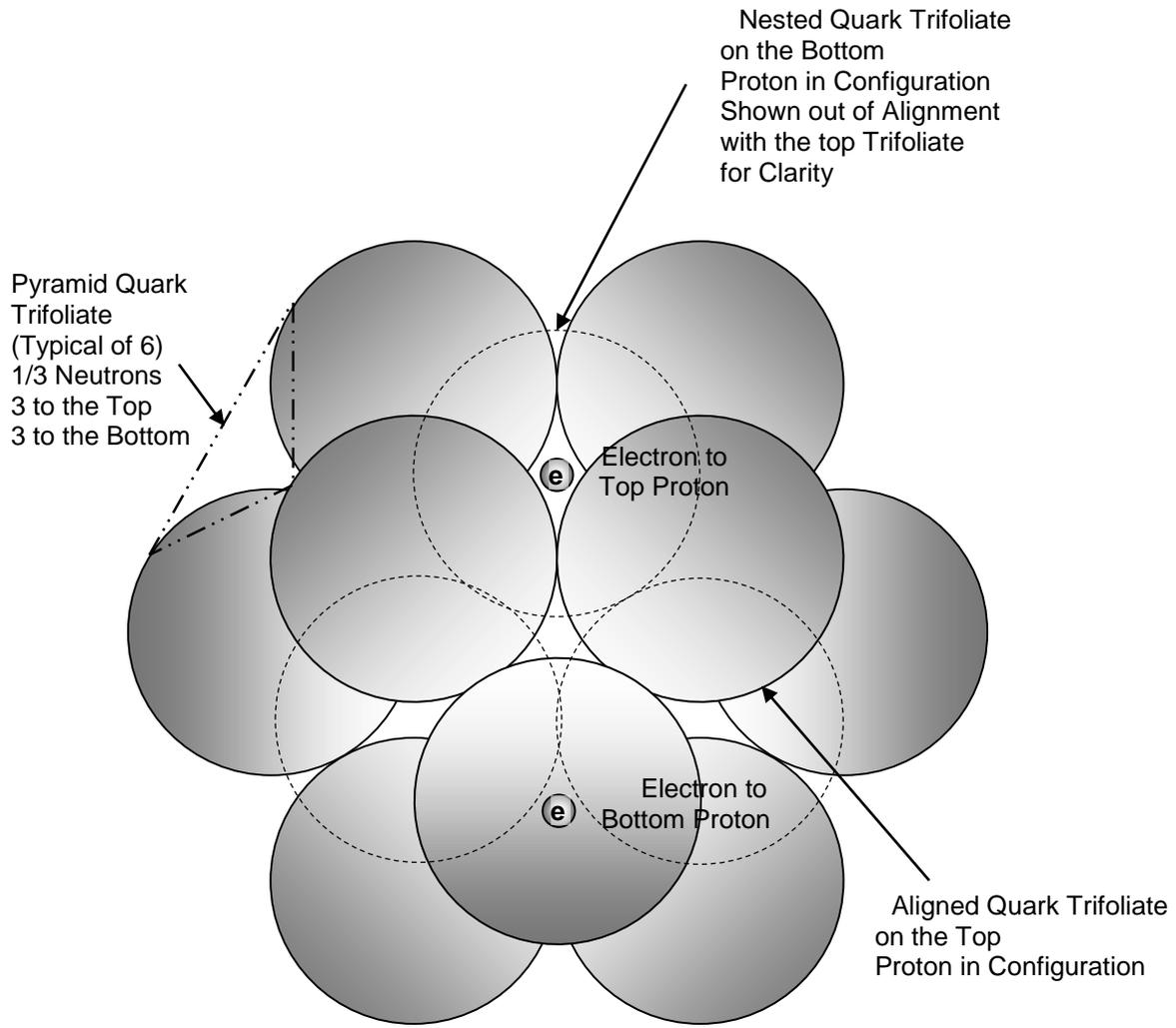
The result is that the combined top trifoliate is a proton and so is the nested one on the bottom. Yet trifoliate construction is maintained. When you look at the six combined trifoliate out of the horizontal plane they are flipped over and thus act as neutrons.

Thus NATURE'S MEND helium has two protons, and six 1/3-proton-neutrons or an equivalency of two neutrons. It is some of that Goliath math again.

What happens to the four electrons? Flipping of the quark trifoliate can also be considered as reversal of spins from into the core to out from the core. This results in four electrons floating around 2 protons. Thus the protons capture two electrons and two are sloughed off [Big Energy Release].

Thus electron sloughing is associated with decay associated with proton flipping to neutron formation in the fusion of 2-H₂ to He. This is just the opposite of current theory neutron decay to proton – electron formation.

Let's look at this a little more closely.



HELIUM (He)

Figure 6.10

Because the spin of the trifoliate of quarks as a proton is into the center or core of the trifoliate, when four trifoliate pyramids in helium something has to happen again.

It is actually very simple intuitively, but obscure and obnoxious mathematically. I will just explain it. The quark trifoliate of the two H₂ atoms are spinning in the opposite direction as they come together and form helium.

The two H₂ atoms have shear planes out of alignment by 90 degrees, which causes this opposite spinning effect. See Figure 6.11 Two Diatomic Hydrogen Atoms (H₂ ↔ H₂) in A Fusion Collision.

When opposite spinning things come together, deep in Inner Space they can reverse their spin, flip over, and spin again into the center of the new combined trifoliate on the top and bottom of the Helium Atom and form protons.

Ok, but something else has to happen? And it does.

When you reverse the spin on trifoliate of quarks with electrons they change from a neutron, one on the top and one on the bottom, to a proton one on the top and one on the bottom. The reversal of spins ejects two electrons. The new spinning protons capture the other two electrons. And we have just formulated beta decay of Common Space in NATURE'S MEND fusion of hydrogen to helium simply and intuitively.

The quarks can still spin in a right-handed configuration because they are flipped over. It's that spatial special three again. But here is what is unique about the ejected electrons, because they are alone and not recaptured their spin has actually been reversed, and thus they are left-handed. Just what is expected in Common Space, but not understood [*“there is no intuitive, mechanical explanation for why this should be so” in current theory*].

Understanding requires intuition, and that's something lacking in the current theory gods. Not because they don't have it. It's because they don't exercise it because of a fine man's proclamation that, “NATURE is absurd”.

Something not exercised becomes weak. Maybe this new theory can push a physics exercise craze of intuitive mental gymnastics.

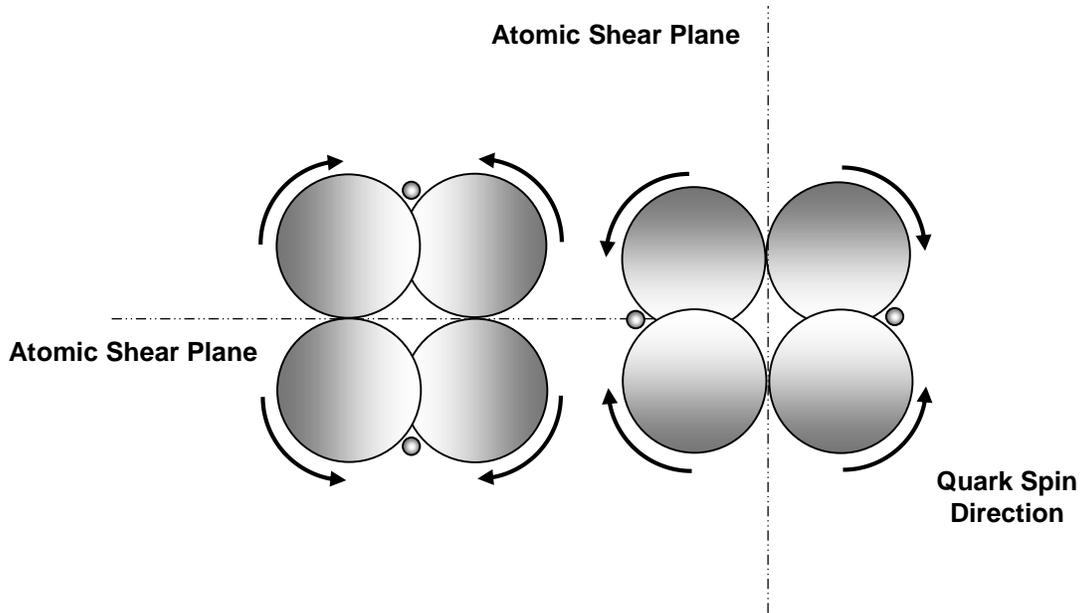
Thus electron sloughing can be associated with the Weak Force, left-handedness and the fusion process of beta decay and hydrogen becoming helium.

The Weak Force may also be the entry force of fusion and thus a force greater than the weak force would be required to start the fusion process.

However, in NATURE'S MEND, fusion takes place at the boundary state of liquid to solid so in all likelihood a force stronger than the Strong Force maybe required to contain fusion.

If a force stronger than the Strong is required to contain fusion, and NATURE contained fusion in the beginning then there has to be a force out there [not uncovered yet] that is stronger than the Strong.

And in actuality, it's in there, deep inside Inner Space where current physics has not probed or even theorized about.



**TWO DIATOMIC HYDROGEN ATOMS
($H_2 \leftrightarrow H_2$)
In A Fusion Collision**

Figure 6.11

Remember they are now trying to string it all together with these tiny particles called superstrings.

They are stuck on a particle beach, while we are surfing the sea of NATURE'S MEND GUF and inhaling her FRESH BREATH of EME stuff.

Am I on the bleeding edge of something new or just high and crazy on something Natural? Believe me, it's the first. I don't smoke though a one-time friend of mine and I dried and smoked cottonwood tree leaves et al when we were kids: something to do with a corncob pipe. Maybe that's made me crazy.

Let's spool chemistry and particle physics for a moment. Why can't the geometry of the nucleus of an atom be quark trifoliate based instead of proton and neutron based? Again look at Figure 6.10 where the helium atom nucleus and the atom itself are constructed on quark geometry versus proton and neutron geometry. Interesting note: It has a hollow nucleus core.

There is a natural quark symmetry, which conserves and maintains the strong force. Though there is a mutual sharing of quarks that results in neutron equivalence. One can even say there is a complete sharing of quarks through the binding of the Strong Force.

The quark geometry also results in a naturally induced wave path for the electron to track in its orbit about the nucleus of quarks. The nucleus in this case is hollow because the quarks form a spherical surface around it versus filling it like in current theory.

If each element were analyzed on a quark geometry nucleus would additional insights into particle physics, chemistry, and medicine be revealed? Would there be an understanding of why some elements are inert; why fusion switches from exothermic (heat releasing) to endothermic (heat absorbing) at iron; why mercury is a liquid metal; why Lead is Lead; and why radioactive decay occurs? We understand that it occurs, but why does it occur – what causes it to occur?

I'm here because 56 years ago radiation from radium treatments saved my dad's life and four years later I was born. He had a tumor in the sheath (nylon stocking) around his spinal cord and in his spinal cord. They couldn't cut it all out with surgery so they had to turn to nuclear medicine to finish the job. Maybe this radioactivity made me crazy from birth? Thank Madam Curie!

Maybe with quark geometrical construction of atoms we could understand fusion to a depth that it can never be contained and controlled by man, and medicine to a level that we can do a better job at curing diseases? Then we can quit wasting these titanic loads of money on dark science in their titanic machines, and start using the energy to run them for new discovery, and start spending it on world safety and peace. More on this later!

Maybe NATURE'S MEND couldn't even contain fusion and that's why the Origin Particle became a BLEVE [Boiling Liquid Evaporating Vapor Explosion] and had a TRUE BIG BANG?

Again the current theory process has been to impose from the outside in! Isn't it time we start the natural building process of inside out? This is a future expansion for CPE \surd M-EnD. For now back to forces.

The Weak Force is also associated with left-handedness as mentioned earlier. But, NATURE'S MEND left-handedness is not a mirror image of HER right-handedness. Then the

question is, is NATURE'S true left-handedness a containment within NATURE or an outcome of man's imposition to replicate NATURE?

For this Article it will be considered as within NATURE for it was just shown to occur in the fusion reaction of $H_2 \leftrightarrow H_2$ to He with the rejected es.

If we go back to Article 4 Figure 4.11 and replace one right-handed quark with one left-handed quark what happens? See Figure 6.12 Weak Trifoliate Quark Charge Sign.

Quark surface charge is maintained, quark rotation is maintained (NATURE'S way of binding quarks while maintaining minimal energy alteration), however the quark trifoliate now has two clockwise torque vectors (pointing arrows) and one counterclockwise torque vector (pointing arrow).

Thus you have a two-thirds torque condition as compared to the full torque condition on the original trifoliate of Figure 4.11. This holds true whether you have two right-handed and one left-handed or one right-handed and two left-handed quarks. It is just the NATURE of three in NATURE'S MEND. And just another reason why three is spatial special in NATURE! Can you see?

The torque rotation related with binding energies of quarks in a weak trifoliate configuration and its ability to capture and hold an expelled electron are also weakened. This is just another characteristic of the phenomenon of electromagnetic energy.

Thus the Weak Force is associated with left-handedness and a change in electromagnetism. CPE ∇ M-EnD provides something new intuitively with NATURE'S MEND² while explaining something old.

Is the spacetime [Place & Time] for the retirement of the current state of particle physics and cosmology coming?

Now back to these two new undiscovered not uncovered forces of NATURE'S MEND.

What and where can two new forces come into play and naturally link to these two known forces and one phenomenon?

If they are generated outside the particle physics realm then they would destroy particles and the COSMOS would not exist. Because they are both stronger than the Strong, and thus would rip quarks apart, which man has not been able to do with their atom smashing energies.

They must be something fundamental from the inside out of Inner Space related to quarks and electrons.

What is more fundamental than a particle solid of qs & es [quarks & electrons] in the fusion reaction zone of L5? It's an atomic mixture of qs, es, & GUF – L4. Then it's quark solids, liquids, & GUF – L3. Then it's liquid quarks & GUF – L2. Then it's the GUF (Grand Unified Fluid) – L1! And finally it's all about the Electromagnetic Energy [EME] GAS CORE – L0.

It takes greater energy or forces to liquefy particles and then gasify them than it does just to bind them together.

Not imposed, but contained in the pressure [EME potential] of the Origin Particle of SD₁CME₁.

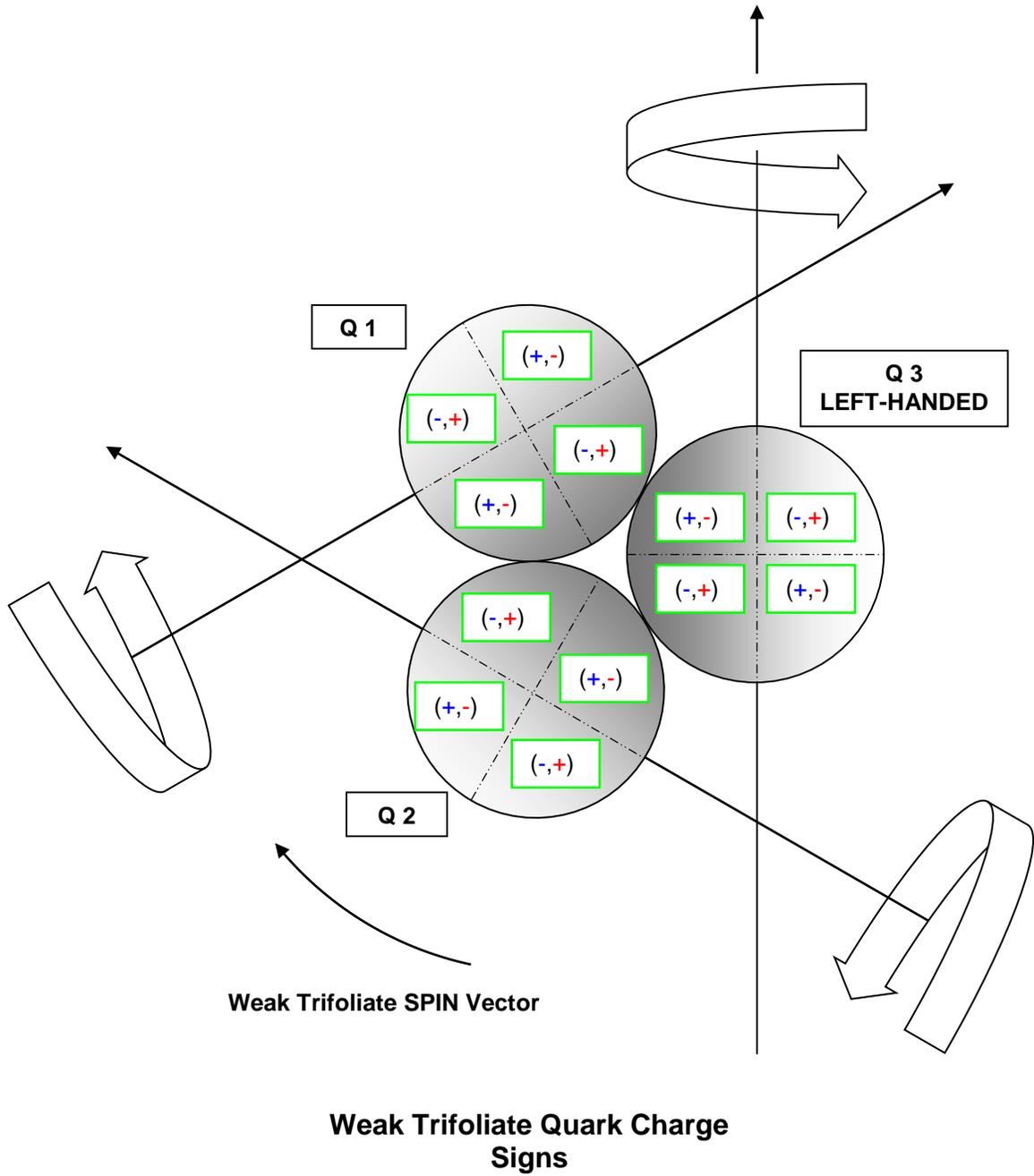


Figure 6.12

If we go back to the core of SD₁CME₁, remember the core is hollow [now it appears to be pure EME – gas] encapsulated by GUF, there exists at this core boundary an Energy or Force that is the Ultimate or Top Dog of all energies and forces: The BIG DOG Force.

It is contained by the Planck Scale immensity of SD₁CME₁. For CPE ∇ M-EnD from this day forward it will be called the Gasification Energy (Force) (GE or GF).

One could call it the Grand Expulsion or Grand Fart on current theory. I hope that it makes a stink (raises questions) with the goddesses and gods of current theoretical physics.

This is where matter when subjected to such Naturally contained Energy [Pressure] or force, gasifies to Pure Energy [Becomes EME – ElectroMagnetic Energy]. This may also be an event horizon for electromagnetism's origination and entropy's dissemination.

The core of SD₁CME₁ is Pure Energy; one might say Pure EME GAS of Pure EME Charge. And thus the core has a strong electromagnetic condition most likely repulsive and can resonate [oscillate – move in and out]. This oscillation gives us the wave function to induce spin once particles start to form. If the core had an attractive magnetic condition it would implode and it would never grow old. Implosion effects could relate to the initiation of star birth with repulsive restitution related to star light.

Because it is Pure, Singular, in one state, there is no chaos, no entropy [disorder]. This is what current cosmologists (historians of the Universe) are seeking in the beginning, minimal disorder. Here in the core EME of NATURE'S MEND we have zero entropy, or at least minimum entropy.

Now we have a natural basis for order and low entropy. Will they exercise it with me?

Is NATURE'S MEND Origin Particle not in absolute order? And thus because of IT's power and core relationship to the EME GAS, GUF, and quarks and the Cosmos it will be ranked First among all Energies and Forces.

IT is First, because we are looking out in this new theory, where they are trying to look in, in the old theory. This GE – GF rules over the first three core sections {L0-L1-L2} of the Origin Particle: subject to the QUEEN-KING'S command: (EME) of course! All three layers oscillate.

The next boundary that is encountered as we move out from the core is the first formation boundary where quarks form and begin to drop out of the oscillating liquid quarks and GUF mixture; it is another phase change boundary and the start of L3.

It is the second phase change energy, which can also be called a Precipitation Energy.

If we are looking from the outside in and apply energy to matter, heat the matter, you eventually change the phase of matter, here matter pertaining to individual quarks, from a solid to a liquid.

If you are looking from NATURE'S MEND containment, inside out and are taking away energy from matter, a fluid still being matter, you eventually begin to precipitate solids. Thus this energy being associated with individual quarks and the formation thereof has a higher energy than that of the Strong Energy (Force) binding quarks. And thus ranks above the Strong Energy (Force).

However, it is at this event that quarks take on spin and charge so electromagnetic energy must also be at play.

Electromagnetism is just stringing together everything contained in NATURE from CORE GAS; to unified fluid GUF; to particle precipitation; to particle spinning; to Origin Particle Spinning; to charge; to quark binding; to electron capture; to element and compound building; to the TRUE BIG BANG BLEVE; and COSMIC spinning and acceleration.

If planets have a common or like charge, it would be repulsive, so maybe gravity can be anti-gravity in the motion of repulsive EME GAS CORE of planets. That means gravity can't be what they think it to be and they are ignorant about it. Oh, that's right they admit their ignorance about gravity. There will be more to follow in the next Article.

Remember EME travels at the speed of light. And visible light is considered one of the seven or eight wavelengths of EME. Therefore this boundary energy is weaker than the Gasification Energy (GE) and thus takes on the position of Second in Command when it comes to Energies (Forces). From this day forward it will be called the Precipitation Energy (Force) (PE or PF). This PE – PF rules over the next two layers {L3 & L4} which also oscillate.

If these two energies/forces permeate Common Space spacetime where might they reveal themselves in dark ways? This begins to delve into the visionary of theoretical far beyond left field from current theory and maybe even beyond my craziness in NATURE'S MEND.

Let's step back into the practical and look at a few examples of everyday Common Space applications and outcomes to take a crack at an explanation. We will build from a song by Simon and Garfunkel "El Cóndor Pasa [If I Could]"²⁷ with thoughts on the second line, "I'd rather be a hammer than a nail". One can postulate from here, "I'd rather beat than be beaten upon."

Let's look at beating on matter in the real world and the outcomes.

If I beat my fist on my desk my hand becomes sore and the desk remains the same. Every time I do this I wish I had control to beat in the theorized forth physical dimension. Then my fist would pass through the desk and both would remain the same and I would be without pain. Then again there would be no release of pressure, stress, frustration!

In a state of 3D preventive medicine I beat a plastic ruler on the desk, the ruler broke and the desk had a small almost unnoticeable nick. I glued the ruler back together!

I moved out of the office and into the blacksmith shop of Living History Farms in Urbandale, Iowa, which is by Des Moines, Iowa, USA. A blacksmith shop – was the original playground of the engineering physicist – physicist engineering.

What better way to take out your frustrations than to beat on metal and have something usable be the result.

However, in this endeavor you can beat on it cold or hot; you can cut it with a saw or chisel or even with a dull edge if what you're cutting is hot; and you can even strike at it with stone.

But, remember when you play with fire you can get burned, and iron and steel will burn when it gets to hot (speaking from experience). It is a fine line between controlled fusion and an out of control fire.

It is a fine line between being in control of a solid on the edge of being a liquid and being lost in a gas. Could this be what is going on in the inner world of atom smashers? If so what they are seeing isn't what is really occurring. I think their son of god just had a stroke!

See Figure 6.13 At Play In The 1875 Period Blacksmith Shop Of Living History Farms – Urbandale, Iowa, USA. Tom, Dave, and I are making a 10 pound (4.5 Kg) sledge hammer out of a 3 inch (7.6 cm) diameter steel rod about 3 feet (91,4 cm) long. The shop was full of visitors enjoying the demonstration. Another volunteer from the General Store down the street snapped this photo. Sorry, but I can't remember her name. Her photo is much better than my reproduction.

The point here is not about the beating, but about the outcomes. Were we releasing electrons from the hot steel work in progress? We were releasing light, so there must have been EME!

If we keep the energies unchanged and change the method of delivery, what are the visible outcomes and can that be transferred back into the theoretical?

Here are some more visual outcomes.

If I beat on a piece of cold steel with a palm sized stone, over spacetime, the steel flattens and/or the stone breaks. No light is released.

However, if I take a hard sharp stone and strike at an edge of the steel, considering all forces applied are equal in magnitude, the outcome is different. In this example a spark which is a fragment of steel with a temperature above 1000 °F, forms. There is light, so there is EME!

Frontiersmen (those who forged west, the new boundary of a growing America) used this process to start fires. They called the tools they used flint and steel. They would strike it over some char cloth to spark a fire, which would in turn light kindling, which would light twigs, which would light logs. And the campfire released heat and light and EME entropy. But they were not the first!

I could go on with other real life examples, but that is not the purpose of this illustration. The purpose is to show that outcomes have a lot to do with contact surfaces and angles of contact, or said theoretically forces, geometry, and vectors. It's that Goliath math called Trigonometry again.

In conclusion of this example, without changing the force I can change the outcome by altering geometry and vectors as I just explained with producing a temperature change in a fragment of metal by 1000 °F.

Can the reverse be true?

If I change the force or energy applied can I change the outcome? Yes, as mentioned earlier in the personal experience of burning metal. The outcome was sparks of metal and gasification of included carbon and lots of lost EME-Entropy.

Now, how do we roll this back into physics and particle physics? Well, physics is forces, geometry, and vectors so that's not too big of a leap. And for particle physics, it's only a change in scale of geometry, from cosmic (very large) to Planck-scopic (very small).

Extending this further from beat to collide let's consider collisions in physics, which for this Article encapsulates and focuses on particles, because the energies (forces) we are dealing with evolve at quark scale and below in spacetime.



AT PLAY IN THE 1875 PERIOD BLACKSMITH SHOP OF LIVING HISTORY FARMS – URBANDALE, IOWA, USA

Figure 6.13

That is as we move to the core of SD₁CME₁ all things in physics are reduced to fundamental particles and then to fluid and at the core are gasified into pure energy. Nature contains it from inside-out and they try to replicate it with impositions of atom smashing from outside-in.

And interesting enough they contain their atom smashing experiments with the phenomenon of electromagnetism. The LHC facility sucked up enough power in 2008 to supply Geneva, Switzerland twice over, which has a population around 192,500. This is similar to Amarillo, Texas and Huntington Beach, California, USA. Other world cities with similar population are Bhiwani, India; San Pablo de las Salinas, Mexico; Ilesha, Nigeria; Geoje, South Korea; and Regina, Canada.

Not only are these gnat smashers titanic in size, they have titanic costs to build, and they suck up titanic amounts of energy. Who pays for all of this? At 1 billion kilowatt-hours a year costing 10 cents US per kilowatt-hour, that's 100 million dollars US; 77 million Euro; about 622.4 million Yuan; 9.4 billion Yen; 103 million Canadian. And Pesos? WOW! These were calculated on 01-Mar-13.

As we considered the real life example of collisions with steel and stone lets apply that to collisions of atoms at various energies and possible outcomes.

The additional affect in atom smashing is that both atoms can be in motion (spinning) in opposite directions while traveling towards each other. That is if they really spin in the "Really Real World". They do spin in NATURE'S MEND and SHE showed how SHE made them spin earlier in this Article. However, they don't spin in current theory. I've repeated this enough; I hope I'm not beating a dead horse.

Because their spinning so fast and look like they're not spinning there is no way to know which way they are spinning or if they are spinning before they smash.

How can they know what they're detecting and interpreting from the chaos after the collision? Maybe that's why it takes a billion-trillion collisions to see something they think is worth looking at.

Here's what's happened. They impose energy on NATURE'S fundamental particles looking for HER basic building blocks. For each and every successive generation of increased energized atom smasher, gnat crusher, their three fundamental particles (two quarks and one electron) containing mass grows in size, and each generation has an associated member that has no mass, known as a neutrino [EME gas expulsion?]. Their short lived god particle is about the size of an iodine atom.

In retrospect of momentarily sparking steel, could atom smashers be momentarily imposing into the realm of the two new energies/forces of PE and maybe the GE? I believe so! And here's why. The particles are spheres, so there are no flat surfaces to apply the impact force to. The impact area becomes a point of no area.

As pressure is force over area; as the point area approaches "0" the pressure approaches infinity [∞]: a number that you can't count to. It only has that name: Infinity. Thus with light speed collisions of small spheres the impact pressure [Energy Potential] approaches Infinity which is far beyond the PE and even the GE. This may relate back to star birth. That analysis will be outside this work. But the possibility now exists that atom smashers alter the physical physics reality of particles.

This could be shown with the fourth generation atom smasher coming out of CERN (European Organization for Nuclear Research) and the Large Hadron Collider. Like the strange quark, these bigger particles die very quick deaths, and cannot be maintained in the EM environment of the atom smasher so they don't exist in the "Really Real World" of NATURE or in NATURE'S MEND.

Current theorists want to extrapolate this back to the beginning of everything, which is nothing in their theory with the Higgs Boson – god particle. It's a giant particle relatively speaking. Oh, and it will come out of a giant energy consuming atom smasher.

And that turned out to be the case with the LHC atom smasher and the suspected discover of their god particle – the Higgs boson particle in July of 2012. They are indicating they have discovered a particle 126 times the mass of a proton [quark-trifoliate]. This makes it 378 times the mass of a quark and 244,944 times the mass of the electron. It's about the size of an Iodine Nucleolus ±! So is it really something new or something old? And when it went cold it was sold – gone!

Here is some of their dark-smithing for the claimed discovery. The LHC doesn't seek to bash one proton into one proton but bundles of protons into bundles of protons. I think it is 2,808 bundles with each bundle containing 1.15×10^{11} (115 billion) protons. Which results in 2808 bundles x 115 billion protons/bundle x 3 quarks/proton and thus they are smashing 9.68760×10^{14} (968.76 trillion) quarks. Who counts the quarks before they fire the bundles? What if 3 quarks are missing?

That's like trying to instantly track each person on earth if earth's population was 138,394 times larger than it is at 7 billion people particles. No wonder their god particle showed up for it is only 378 quark masses. They should have seen 2.56 trillion god particles in one smash up. But it takes billions if not trillions of smash ups to see anything. You're at least 14,000,000,000,000,000 [14 Trillion] times more likely to win the Power Ball Lottery with a single draw – a chance. They have spent billions upon billions on draws – chances of hitting it so I **guess** it should have shown up.

They are gods: they can claim anything they want; anytime they want; anywhere they want; anyway they want because nobody wants to challenge them. Will they do anything to protect their mega-billions jackpot of funding at all costs to the "Really Real World"? Or are they just lost in space³ [Inner Space x Common Space x Outer Space] and all their lack of intuition, imagination, and basic understanding?

How can they be certain for their own uncertainty principle says they can't?

The uncertainty is if you are measuring lights intrinsic brightness [energy from $E = mc^2$] how do you measure its velocity or movement or mass with any accuracy? And something is amiss in the current theory, observations and experimenting.

Maybe their god particle isn't a particle? Maybe it's a mix of quarks and GUF? Maybe it's a liquid? Maybe it's a gas² [new phase with stink]?

Oops! The LHC and some of her kin may turn out to be the most infamous titanics in history: sunk, before they've reached their desired destination. It is what it is! And the next bigger titanic generation is being worked on.

Can a bunch of god's even admit they could be wrong, let alone actually be wrong? It is very difficult to admit you've wasted billions of dollars, and spent billions more trying to sail the damn things. Just look at the chaos in the eco²-political world today with both money and weather!

Where would this leave relativity and $E = mc^2$? It is a theoretical imposed energy and is irrelevant to NATURE'S MEND containment.

Was the credibility of relativity not brought into question in Article 5 with Absolute Time and the value of the speed of light and its constancy?

NATURE'S MEND contains at least four energies or forces and one phenomenal electromagnetic energy string [it's intertwined in everything] of electromagnetism; operates over Absolute Time; and moves [spins & expands & contracts] with accelerations and speeds that are beyond our current grasp. See Figure 6.14 SD₁CME₁ Cross Section (PRE TRUE BIG BANG) With NATURE'S MEND Forces. I've also included a couple of pressure references on it.

Gravity is the precipice (Steep Mountain face) of both the current theory and this new theory. The old theory of relativity (current theory) is seeking extra dimensions in the warping of spacetime with branes and bulks to scale [down size – not climb] the precipice of gravity. And in this new theory: well that will have to wait for the next Article.

I said early on that nothing was sacred in this work. Now, not even gravity!

If gravity brings this theory down, maybe then it is just a "Crazy" man's insane thoughts. But, if NATURE'S MEND can scale [climb over] the face of gravity what then am I? "CRAZY"³!

CPE ∇ M-EnD now sits on the edge of imposing and containing the Grand Explanation Theory [GET]: imposing on current theory and containing the fundamentals of NATURE HERSELF.

Will it come apart in the anti-gravity of the next Article or will another LIGHT solidify its SHINNING?

Thank you for your precious time and consideration. I hope you take some time to analyze this engineering thought process of NATURE'S fundamental forces, phenomenon, and outcomes!

Respectfully,

kevin I olson

PS: A comparison of these New Forces and current theory Superstrings?

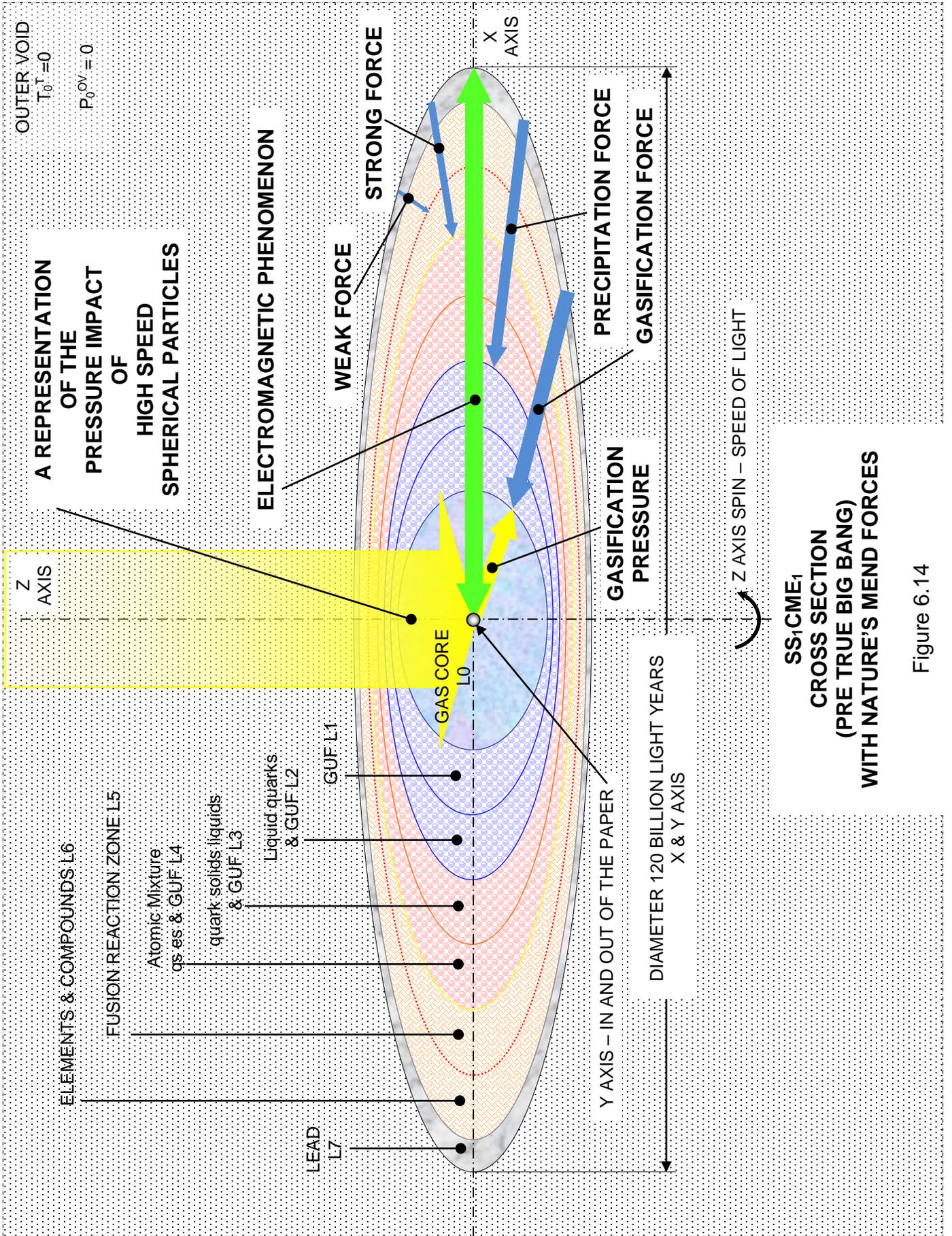
I never did play a musical instrument, but I always liked plucking on the ones that had strings and ebony & ivory keys which thump strings. I'm going to pluck and thump at superstring theory a little more to harmonize the KEYS of NATURE'S MEND in this Article.

The two new energies (forces) brought out in this Article relate to two subatomic phase changes.

The first is quark identity deterioration into a fluidic solution of liquid quarks and GUF and then into PURE FLUID UNIFICATION. This could be considered a first level vibration mode [EME Oscillation] of subatomic particle motion of spinning for it was here that quarks begin to spin.

This new Energy (Force) was dubbed as the Precipitation Energy (Force). This was from a perspective of looking out from inside versus trying to look in from outside.

The second is PURE FLUID UNIFICATION into PURE EME Gas. This could be considered a second level vibration [EME Oscillation] mode of subatomic motion. Not particle motion, but energy motion: a pulsation motion. This new Energy (Force) was dubbed as the Gasification Energy (Force).



SS1CME₁
CROSS SECTION
(PRE TRUE BIG BANG)
WITH NATURE'S MEND FORCES

Figure 6.14

In superstring theory they have two extra energies associated with their string particles: winding [spinning] energy and vibration [pulsation] energy.

If the two current energies of Weak and Strong and the two new energies of Precipitation and Gasification were mapped in concert along a line of NATURE'S MEND phenomenon of EME Gas and the current standard model of particle physics with their new superstring tail what would the picture look like?

What I found interesting in Brian Greene's books "The Elegant Universe" & "The Fabric of the Cosmos" is that he never interlaces (ties together) the winding energy and vibration energy with the three current energies of particle physics.

Does this mean that like intrinsic spin (not really spinning) of particles in the current standard model of particle physics that these string energies are intrinsic energies (not really energies) in string theory? Or is he trying to tie them up – force them to be everything?

Maybe the Comparative Particle Theory Understanding Map illustrates this more completely with strings trying to close the gap of subatomic divergence [the moving away from each other] between NATURE'S MEND and current standard model particle physics? See Figure 6.15 Comparative Particle Theory Understanding Map.

Is the Standard Model & M-Theory (the mother of all string theories) a duality of NATURE'S MEND? What I mean with duality is that the brush strokes are getting very close to being identical. But the colors of paint are very different. This allows the outline to look similar, but the content to be absolutely opposite. And my dream increases its reality.

Remember they require extra physical dimensions and the warping of spacetime for their superstring tail.

NATURE'S MEND has only three spatial special dimensions over Absolute Time in HER construction pail, to uncover darkness and construct the COSMOS.

Which has constructed more understanding to the mysteries of all space darkness [lack of basic understanding]? I must say, "NATURE'S MEND with Logical Simplicity and Heretical Certainty!"

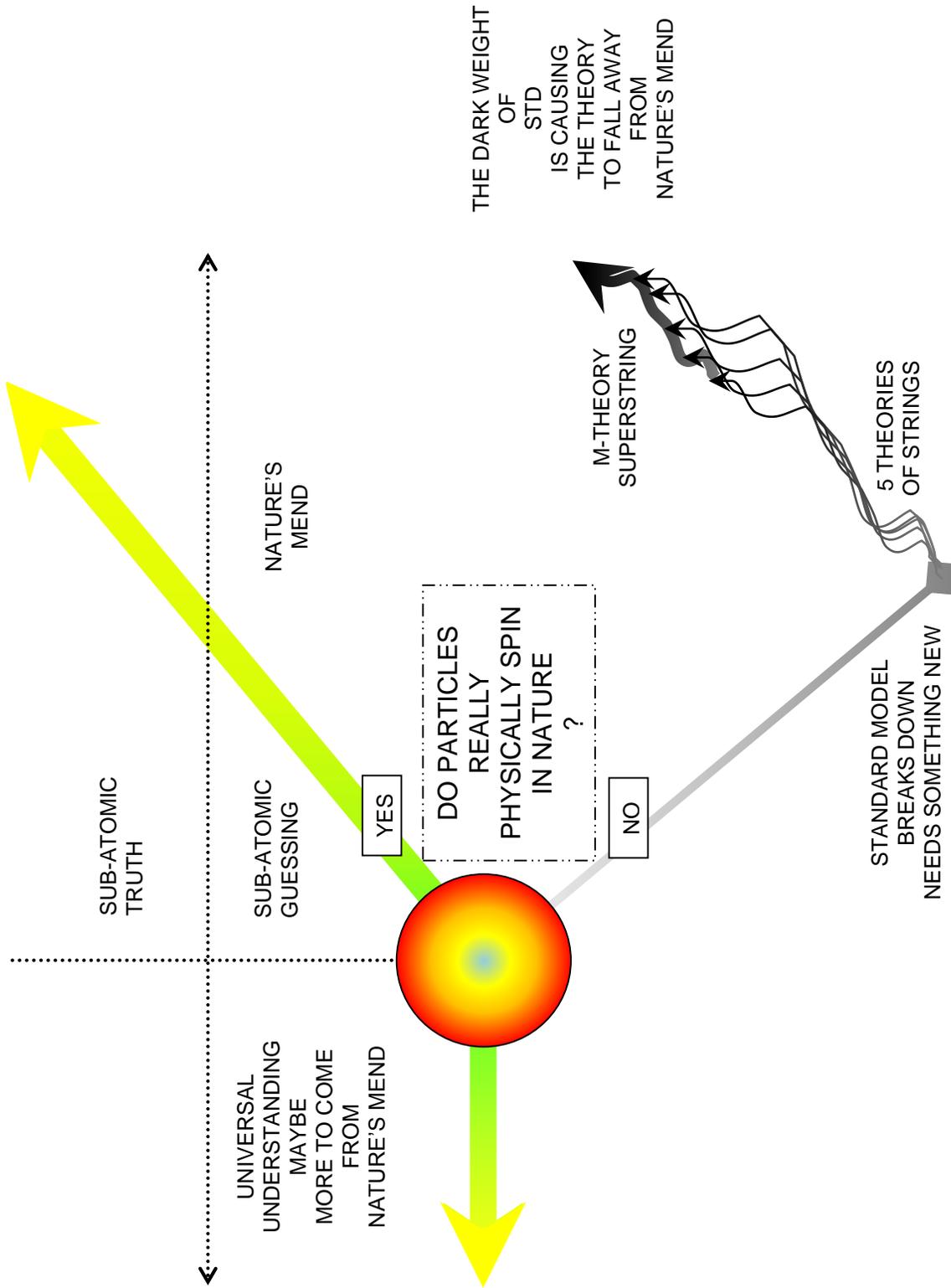
One last bash on the gnat smashers.

With NATURE'S Particle spinning at the speed of light with a maximum mass, collisions in particle accelerators can push the boundaries or just absolutely overwhelm these newly uncovered energies. This could result in enlarged particles, indeterminate fluidic motion, and lost EME [Entropy Generation]. They have no clue what they should be expecting and detecting.

The after effect on these larger particles is that centrifugal shred [NATURE'S MEND Particle Mass Maker] from the PS of Article 4 NATURALLY kicks in and they come apart very quickly to form NATURE'S Particles.

And that's exactly what happens in these atom smashers.

However, because of man's impositions maximum mass of all the particles involved may not be retained; conservation to account for changes in motion and entropy.



Comparative Particle Theory Understanding Map

Figure 6.15

That's the neat thing about centrifugal shred. You can have a lesser mass spinning at the speed of light and be content just like the speed of e from three Qs in the in Figure 4.14 e Birth and sized refined in Figure 6.8 Q & e Related Geometrically.

So what they think their seeing in their atom smashing experimenting isn't what they're really seeing. And NATURE'S MEND sheds more LIGHT on their darkness causing disillusionment (deprives them of belief and hope) for their new superstrings, branes, bulks, incredible hulks in extra dimensions, and the son of god particle the Higgs Boson.

I hope I've opened your eyes to the "Really Real World" of forces and phenomenon in a spinning NATURE'S MEND and shed some more LIGHT on the darkness of current theory.

PS²:

Now onto gravity!

In the fifth section of her book in chapter 19 Dr. Randall poses the question of whether gravity itself is different from what particle physicists have assumed. See they have assumed [guessed] gravity to be something, and it just might not be that something.

So in current theory darkness they have left the door open for NATURE'S MEND to shine some light in on the subject of gravity.

AHA, I'm not totally crazy in questioning gravity! Or maybe we are all crazy? "Probably"!

As my anthem song "CRAZY" ends so too does this Article.

The 4 FORCES & a PHENOMENON of NATURE None of which are Gravity

GRAVITY – ITS Reflection – Maybe ITS Origin not an ENERGY or FORCE but a Condition of Circumstance

[Not Changing ITS Effects, but Considering ITS Cause 14-Feb-08]

As we concluded Article 6 we will lead into this Article.

Dr. Randall, in the fifth section of her book, in chapter 19 poses the question of whether gravity itself is different from what current theory particle physicists have assumed.

They have assumed [pretend; not real] gravity to be something, and it just might not be that something. That means it just might not be a force.

AHA, I'm not totally crazy in questioning gravity! Or maybe we are all crazy? "Probably"!

They have left the door open in current theory darkness [pretend world – lacking basic understanding] for NATURE'S Matter-Energy-aNd-Dynamics to shine some light in on the matter [cause] and form [effect] of gravity.

If you suggested to the general public that gravity might not exist, they literally [Really in the "Really Real World"] would think you to be insane.

Let's look at the definitions of insane and "Crazy". Well actually only one, "insane", because "Crazy" has been defined by the song lyrics of the song titled "CRAZY" in the Prologue.

Insane: (in sān'), adjective 1 not sane; mentally ill; crazy: *The judge declared the man insane and so not responsible for his actions.* Synonyms: {synonym – a word that means the same or nearly the same as another word in the same language} demented, lunatic, mad. 2 (I skipped this one it doesn't relate). 3 characteristic of one who is mentally ill. 4 extremely foolish; completely lacking in common sense: *Nobody paid any attention to his insane plan for crossing the ocean in a canoe.* Synonyms: senseless, wild, irrational, idiotic.

Because I have already applied a definition for my craziness, which is full of common sense and logical simplicity, "insane" does not apply to my Process Engineering of NATURE'S MEND² [Matter-Energy-aNd-Dynamics & Fix-aNd-Repair] for the COSMOS' Outer Space and Inner Space.

However, when you look at definition number 4 of insane and apply it to the current theory plan with an absurd nature it just might apply to most of the theorists of the last 80-100 years. Beginning with Norbert Wiener and the introduction of the Wiener Integral [the root of the Anarchic Principle atom smashed in Article 2], and solidified with Richard Feynman's "Sum-over-Paths" and the stamping of NATURE as "absurd". We also looked at this in Article 2.

And here we are 100 years since Mr. Albert Einstein lead us into the last century. He told them they were missing some basic understanding [extremely foolish; completely lacking in common sense]. And they are still wondering what gravity is.

Several of them think Albert to have been irrational when he suggested that the quantum constructors were lacking basic understanding. I beg to differ! They went left and right while he kept driving his imagination. And he wasn't afraid to admit he had blundered with his cosmological constant. But they, the gods of current theory, are still trying to apply it today.

Gravity has so confounded (confused) the current theory gods that it has been dubbed the "hierarchy problem" – IT'S a question –

"Why is gravity so weak relative to the other three forces (Electromagnetic, Strong, & Weak)?"

And in this theory its weakness has been further compounded by two additional forces of subatomic physics: the Precipitation Force and Gasification Force of the previous Article.

Another word for confounded is "disordered", or not in its right place. Just maybe Gravity isn't in its right place as a force? If so that would make it an effect [pain] of some unknown cause [energy].

This, the Seventh Article of NATURE'S MEND, hangs on the precipice (critical position – steep mountain face) of the reality of Gravity as a force in the "Really Real Word". Its cause that is, for we see its form (its effect) every day in Common Space.

An apple falls off a tree to the ground [rub it on your shirt or pant leg – it's still edible]; a cookie falls off a spatula to the floor [5 second rule – I will still eat it].

We have become a sterilized society – we can't eat dirt – that weakens our immune system – and we see sicknesses and allergies growing. My son and I use to eat fruits and vegetables right out of NATURE. Haven't had a garden in a while.

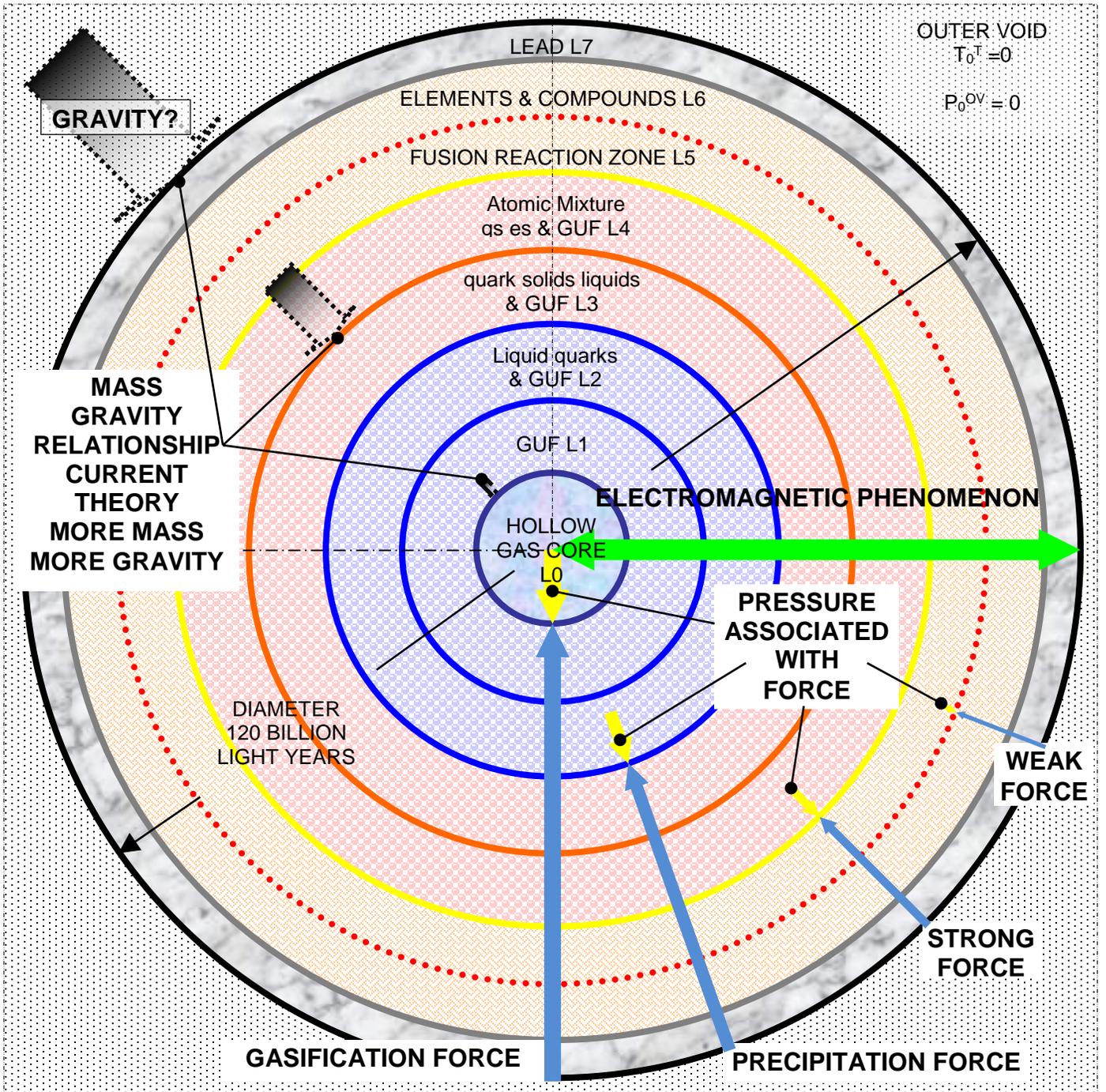
A ping pong ball falls to a table top after a bounce [it's still in play – hit it]; and a basketball falls through the hoop "Nothing but Net" [score – give the ball to the other team].

Let's look at current theory gravity relative to NATURE'S MEND Origin Particle along with Inner Space Forces and that spatial special phenomenon of electromagnetic energy. We will again look at HER Origin Particle as a sphere versus a squashed discus. It's just easier for this presentation. See Figure 7.1 SS₁CME₁ Cross Section (Pre True Big Bang). The squashed discus will again come into play later in this Article and in Article 8.

The key things to pick up from Figure 7.1:

1. As we move to the center of the origin particle, Inner Space Forces and Pressure both go up and thus have influence on the particle physics world and all of Inner Space.
2. Just the opposite happens with gravity as we move to the center of the Origin Particle: its effect goes down because the relevant mass goes down. Thus gravity has to be disassociated with the particle physics world and all of Inner Space. And this is a common practice in the current theory and was applied in this new theory.
3. The pressure at the surface of the Origin Particle is zero "0" because the pressure and temperature in the Outer Void are at "0", and thus the force on the surface of the OP has to be zero "0". Maybe gravity isn't a force at all?

Maybe gravity is just the effect [a condition of circumstance] and we need to find the cause?



SS₁CME₁
CROSS SECTION
(PRE TRUE BIG BANG)

Figure 7.1

If this theory of NATURE by a “CRAZY” man can scale gravitation, both metaphorically and literally will consideration be given to it?

It floated into Common Space after a dream in early 2007, around the month of Abib (April). I was present in spirit and vision. Off to the left was the earth in all its color, splendor, and atmospheric motion. Yes, I dream in dynamic “Living Color”. Another planet, dull orange/brown, but larger than the earth entered from behind-right of me and passed by the earth on its right side.

The only thought that rippled my gray matter was,

“The physics of the UNIVERSE is not what we think it to be.”

I went digging and scratching around in my brain and the work of others. And here we are.

Overthrowing gravity would be a resounding confirmation of the TRUTH of my dream.

What is *physics* anyway?

From my World Book Dictionary: “**physics** the science that deals with matter and energy, and the action (dynamics – motion) of different forms of energy, excluding chemical and biological change. [MEND – Matter, Energy, aNd Dynamics] Physics studies force, motion, heat, light, sound, electricity, magnetism, radiation, and atomic structure.”

Something is really wrong with gravity!

It has a claimed energy related to matter as Aristotle in the mid-300’s BCE tried to explain why objects fall to the ground. How much couldn’t he see in Outer Space and Inner Space compared to today?

Acceleration was added to gravity by Galileo in the late 1500’s CE. How much more could he see than Aristotle? Remember he was the one who introduced the telescope to see further into Outer Space. He was the first man to see the craters of the moon; confirm the phases of Venus; discover the four largest satellites of Jupiter; and observe and analyze sunspots. He has been called the father of physics even though it was Aristotle who first introduced “*physics*” to the world.

He has also been called the founder of modern experimental science. “Historians argue over this title. Many say his real originality lay in the way he approached scientific problems. First he reduced those problems to very simple terms (quark – basketball & electron – ping pong ball) on the basis of everyday experience and common sense logic: like the Greeks were doing some 2100 years before. Then he analyzed and resolved them according to simple mathematical descriptions. The success with which he applied this technique to the analysis of physics, especially the physics of motion, opened the way for the development of modern mathematical physics.”^{G.a}

Then Newton in the late 1600’s showed the motion of planets and the force to hold them in place was related to the acceleration of an apple falling to earth.

What they have done is define the effect without understanding the cause. Thus they have provided gravity with some assumed – not real ability, quality, or talent, [a force], to explain the effect of what they observed without knowing or maybe even considering the cause.

However, today the most modern theoretical mathematical physicists argue that it’s not intuitive (easy to understand) and simple (common sense logic). They have come up with

mathematical recipes for NATURE that the greatest super computers can't solve and then they wonder why everything is so dark (unknown).

They've buried Galileo and his concept of using everyday experience and common sense logic in a heap of BS, MS, Piling it Higher & Deeper (PHDing it), and I'm not talking college degrees. Common sense logic and everyday experience is so covered up in a mathematical and linguistic excrement (shit) pile that even those shoveling it can't understand (smell) it anymore.

And yet current theory physicists continue to march down this path with branes, bulks, and incredible hulks in extra dimensions in current theory today to try and make gravity go away or limit its participation.

How much more can we see [understand] today in Outer Space and Inner Space?

How much don't they see [understand] today in Outer Space and Inner Space because they are not looking simply and naturally?

This Article walks with the Spirit of Galileo and everyday experience and common sense logic in the search for the cause of gravity and will let it be what it will be.

This new theory has touched on all of the elements of physics by definition, so it must be a theory of physics. Physics in totality and wholeness and not just particle physics for it has touched on the forces, motion, and heat of moving from particles to fluids to gasses into the Inner Space of Electro-Magnetic Energy [EME] and out into Outer Space with banging and spinning of the flatness of the COSMOS and the double pressure effect of this motion in defining dark energy and dark matter.

Maybe even beyond, for it has delved into the chemistry at the subatomic and tickled the BOSS in the beyond.

If it can play in chemistry, just maybe it can jump into BULK₂ and look deep into biological change inside of DNA (it's an acid – a fluid – an electromagnetic energy solution [as in mixture]) and provide an answer as to how we develop in the human genome?

If it can do that, maybe it can explain why things don't develop the way they are supposed to. Could EME therapy turn DNA switches on and off? If so, then it can support the cure of whatever ails you: with the exception of death! They are doing some of this at the gene level now.

If it can tickle the BOSS maybe it can get Spirits to move to LIFE and not Death?

WOW – the GEE of NATURE: [Grand Explanation of Everything].

GEE sounds like CHI, the universal life force.

Could NATURE'S Matter Energy and Dynamics really be the FORCE behind everything? Could SHE be the GOOD WOMAN of the GOOD MAN – GOD?

If we look at the physics of gravity: it started with observing motion; acceleration was added to it; then the motion of plants was related to the falling motion of an apple. So the story goes. They're not really sure if the apple was the trigger, but it goes along with the creation story of Eve and Adam eating an apple. I think they ate from a fig tree for it was fig leaves they used to cover themselves after gaining the knowledge of GOD. In a naked dream don't you grab whatever is closest to you to cover up? But, you never seem to cover up!

How much knowledge of GOD, of everything, have we forgotten or never had since the beginning? GOD only KNOWS!

And as we concluded the last Article and opened this Article we learned that current theory gods are not sure (knowledgeable) about the basic understanding of what Gravity really is.

Has gravity caught the current theorist naked and they are looking for whatever they can grasp onto to cover up?

Gravity can be considered another dark – unknown aspect in current theory.

I have always liked dark things, unknown things that is, and especially black holes and multiple dimensions since my childhood. I've always wanted to know how they worked.

I remember listening to a radio program late at night, on a Chicago, IL, USA station, about time travel having something to do with bending, wrapping, or warping the corners of a cube around you. [Could this be Dr. Randall's hyper-cube?] If you could accomplish this warping, it let you step into the fourth dimension and travel. It drove me nuts trying to exercise this in my mind! Maybe, I really am insane and not just "CRAZY"?

And now we have all this dark stuff out there in current theory to indulge our play with. And, we've played a lot in this new theory with darkness coming into the LIGHT [basic understanding] of NATURE'S MEND in the previous Articles.

We are going to play some more with it in this Article because it relates to their gravity and as I just stated gravity has its own darkness.

When I was in high school I wrote in a journal – that backwards book:

"The world round but tilted, spinning, but not at all: how does something so big move without being seen or heard?"

Maybe because we are just nano ants (people) on a tiny gnat (earth) for the sun makes up 99.8% (it's a ratio) of the mass of our solar system. And the sun is a gnat compared to our Milky Way galaxy. And our Milky Way galaxy is a gnat compared to the Whole of the COSMOS. Whatever the Whole is?

But, we're not to ignore the ants or the gnats.

That puts my ant mass near Planck Scale ratio next to the gnat sun mass. Actually my ratio is still 10,000 times larger than the Planck Scale number, but when you're talking 33 zeros on the number, within 4 is near.

If you consider the mass of the Milky Way, and then the COSMOS, my ant mass ratio is way beyond (that is it is much smaller) than the nano Planck Scale ratio. We've gone way inside Planck Scale in this little thought experiment with my mass relative to the mass of the COSMOS and I'm still here. Something has to be protecting me.

The added darkness of this is that the sun and the other burning objects of the COSMOS are losing mass every second, as they burn [convert] mass to shine, making light and heat. The losses eventually become entropy – increased chaos in Outer Space.

As our star, the sun, loses mass it must reduce its effect of gravity and thus the planets should move away from it. They know this is true; they just don't talk a lot about it. I think it has to do with the chaos of the "butterfly effect"^F [small cause with a big effect]. They can't measure its effect so they don't talk about it in detail. They do erudite linguistically [lots of really big words with fancy talk] the potential effects to death with it causing the death of the earth.

The further we move away from the sun the more our climate changes. More of NATURE'S MEND impacting climate change in Common Space way beyond man's nano ant impact or control. It's NATURE'S MEND taking man for a death stroll in the WHOLE of the COSMOS.

But in the end, or is it in the beginning, the mass converted to heat is used to make mass again as it is with star birth and the birth of a new SD_nCME_n . This was discussed in Articles 4 & 6; and will be again later in this Article; and again in Article 8.

For me, it's taken a little longer for mass conversion even at my nano Planck Scale ratio. Maybe I should be green, lose weight by making light pedaling a generator?

Can man really impact NATURE and the effects of the WHOLE?

I think by now it should be clear we are just a gnat dropping on an elephant's ass, and we can't stop HER from passing gas. EME gas that is, and doing what SHE wants to do; the way SHE wants to do it; when SHE wants to do it; where SHE wants to do it; and how SHE wants to do it.

That's why I've let HER take me where SHE wants to go with this new theory.

In current theory, where is the Greatest of all Gravity?

It's in what they call a "black hole".

I dubbed it their Ms-Mr Super Gravity in the previous Article. It is an invisible object astrophysicists believe exists in space. Astrophysicists have been unable to prove the existence of black holes because the holes are invisible, let alone the assumed mass without massiveness at the core of their hole.

You see, a Black Hole is a theoretical guess of a super dense (lots of mass in a little space) object.

The current theory definition from "Warped Passages" – "**black hole** *A compact object that is so dense that nothing can escape from its surrounding gravitational field.*"

Here is another current theory definition from "The Elegant Universe" - "**Black hole.** An object whose immense gravitational field entraps anything, even light, that gets too close."

Yet, in the previous Article we learned that radio waves, which are electromagnetic waves like light, can escape. I haven't heard a comparative explanation for "*nothing can escape*" – "*but radio waves*".

Their pretend – not real world of current theory physics has begun to unravel in the TRUTH of NATURE'S MEND.

“Truth is stranger than fiction,” Mark Twain once quipped, “because fiction is obligated to stick to possibilities – truth isn’t.” From TIME, “Exploring The Unexplained – The World’s Greatest Marvels, Mysteries and Myths” in the introduction “On Wings of Speculation” by Matthew McCann Fenton.

See figure 7.2 Current Theory Black Hole, which is a replicated figure 3.7 from “The Elegant Universe” with my added notes. The likeness of figure 3.7 can be found several other places.

The key here is “theory” - meaning theoretical - a guess. It could be something completely different in a completely different theory such as NATURE’S MEND.

Do you have an idea what’s about to pop up?

I had a theory in the ‘80s that a Black Hole was an entropy engine, which used entropy energy (disorder) as the fuel and exhausted usable energy (order) allowing the Universe to remain in equilibrium. Now I have learned that our Universe is slowly, relatively speaking, coming apart so it is not in equilibrium. Or maybe it is in equilibrium, balance, over the whole and it is just very slowly dying [running out of energy] in this phase of growth from HER initial spinning BLEVE – TRUE BIG BANG!

Doesn’t gravity bring order after disorder in Common Space? Throw a bunch of stuff up into the air in disorder and it all comes back to earth to lay on the ground in some order. If gravity is so weak why can’t I throw this stuff into Outer Space and free it from gravity?

You can’t see pure energy so maybe that’s why we can’t see anything at or inside the event horizon of a black hole?

Has anybody seen Hawking Radiation (It is Dr. Steven Hawking’s theory of the decay of Black Holes)? Wait: something that light can’t escape from can decay via radiation discharges? Awe, but radio waves escape! Now two things can escape the Ms-Mr Super Gravity black hole of current theory. She-He is not as strong as they have led everyone to believe.

Maybe we need a “Hawking” Receiver to play the decay song of the black hole.

Maybe we need to hawk (to carry (goods) about and offer them for sale by shouting) some TRUTH from NATURE in a new theory.

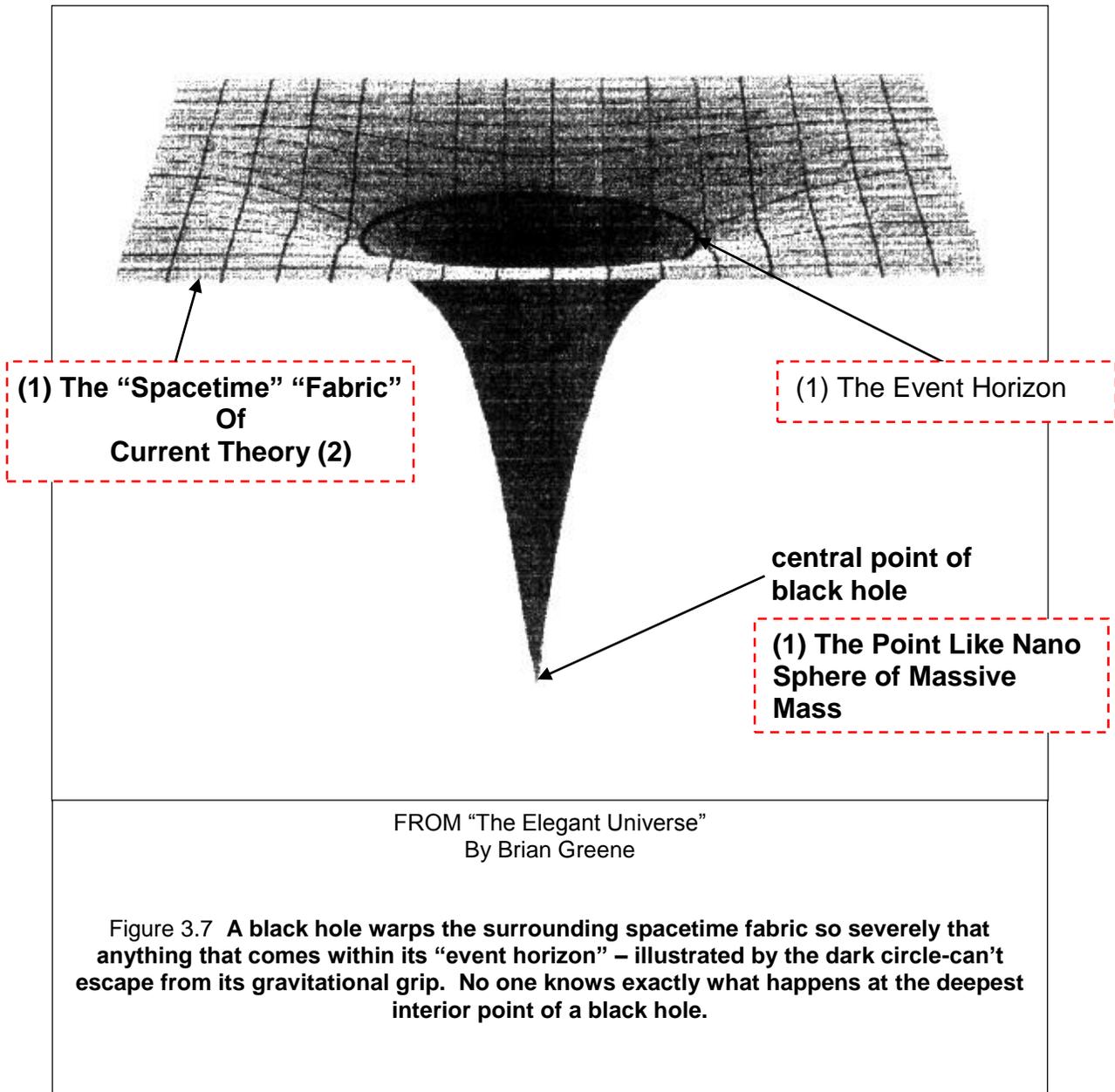
In current theory, gravity can decay!

If gravity can decay the mass must also decay or gravity must be related to or completely associated with something different than mass.

As a current theory black hole decays does it become a gray hole, brown hole, a stink hole, a white hole, or an empty hole?

Isn’t a real hole empty to begin with?

A real hole in the ozone layer over Antarctica caused a lot of excitement a few years ago. Haven’t heard much about that lately! Did we repair the hole? I want some of that duct tape. Or is NATURE taking care of it? It’s actually reducing in size, so NATURE is MENDING [fixing and repairing] it. Shouldn’t that allow for global cooling?



NOTES:

- (1) Notes I have added for clarity.
- (2) It was Albert Einstein who defined “space and time” as being an interlaced fabric and it was called the “spacetime fabric”. And any object warping this fabric related to the gravitational force of the object.

CURRENT THEORY BLACK HOLE

Figure 7.2

I actually used my “entropy engine” theory in defense of my process design of a thermal energy storage system that won Iowa’s top engineering excellence award in the early 90’s. I talked about this project in the Prologue with the beer-cooler example.

I was at the open house for the project after it went into operation and a VP of a leading refrigeration equipment manufacturer, the one used for the project, the Olympic Sponsor, YORK International, asked me:

“Did you consider entropy when you designed the system?”

I said,

“No, but entropy is an interesting thing. NATURE likes to be in equilibrium (order – balanced), but entropy (disorder) says it can’t. I think a black hole is an entropy engine that converts entropy back to usable energy so NATURE can be in equilibrium.”

He turned around and walked away.

Two gentlemen with him, both said in concert,

“That’s the first time we’ve seen any one shut you up!”

I’ve tried not to be a complete smart ass about things, but sometimes I can’t help myself, it just comes out, maybe too much in these Articles with all my “god” comments about those working in current theory. Maybe too much in Life: My son says I should have “ASS” tattooed on my forehead.

Outer Space and Inner Space have always been a part of my life struggle in Common Space. And in this theory I have jumped back and forth between the Outer Space of cosmology and the Inner Space of subatomic physics as they relate to BULK₁. And at times I’ve mixed in BULK₂ and BULK₃. These different BULKS were touched on in Article 2.

Knowing how to transition from one to the next is truly the real dark matter “¿” for all of mankind! Though, NATURE’S MEND has even shed some LIGHT on that darkness.

My dream about the physics of the COSMOS would not subside into the cellar of my dark gray matter during consciousness. So I began to explore the world, the COSMOS, around me with more intensity.

Sometimes, most times it’s all about timing.

TIME magazine came out with their list of top 100. There was a category for Scientists & Thinkers. As I surfed through the pages touching on headings one grabbed my attention; “A physicist jolts the boys’ club by reshaping the universe.”

Wow, reshaping – changing the view, you mean those old kings of the PHD hill are willing to change? Was the smell of current theory getting to them?

“His name was”, it wasn’t a “his” it was a “her”. Her name was Lisa Randall. So I read on along the left side of the page through the brief column. She had written a book, a book “to help the public follow along” – “and uses reader-friendly analogies”.

“It should be right up my alley!” I thought?

“WARPED PASSAGES – UNRAVELING THE MYSTERIES OF THE UNIVERSES HIDDEN DIMENSIONS” was purchased on 11-May-07 and the first reading completed on 30-May-07.

It was then studied, picked apart, and embellished with notes and flags of various colors.

I've always had trouble following along and love to pick things apart: especially analogies and processes.

Girl! Did I have fun! Thank you!

That effort was completed on 10-Jul-07.

During this period my thoughts began to boil over and have continued ever since with other books and letters. I'm into my fourth organizer on scribbled down thoughts and comment notes from the spaghetti strings of my noodle [brain], and sauce of other writings.

And as this gravity tail lengthens I'm not sure if it's wagging, or if the dog is wagging the tale.

Please indulge my ramblings!

Here's the “Hair of the Dog” (more of anything that has caused an ill or trouble, used as a remedy or means of relief) in brief: Letter 1 – The COSMOS Process Engineered: A new Base Model was sent on 23-May-07. Letter 2 – The COSMOS Process Engineered the M – EnDing THREAD: Supersymmetry – HIERARCHY – ANARCHIC PRINCIPLE was sent on 17-Jul-07. These will be touched on again in this Article along with some others. Letter 3 – The COSMOS Process Engineered [CPE] – [M-EnD]: The UNIVERSE BORN OUT OF A PARTICLE & INTERSTELLAR CLOUDS was sent on 24-Aug-07. Letter 4 The COSMOS PROCESS ENGINEERED ∇ M-EnD; QUARKS → SPIN → CHARGE → ELECTRON → HYDROGEN ATOM was sent on 10-Sep-07. I thought this one was solid!

A break in writing for harvest took place, but my gray matter kept on churning, and on 10-Jan-08 Letter 5 DARK MATTER \llcorner RETTAM KRAD: A REFLECTION OF SOMETHING? was sent. It's now called DARK STUF \llcorner FUTS KRAD. Letter 6 The FORCES and a PHENOMENON of NATURE; None of which are Gravity was sent on 17-Jan-08. I had gone inside Planck Scale Length in thought experiment and didn't blowup.

See in current theory they (some of the gods – not all) believe if you impose too much energy on a gnat mass on an elephant's ass a Black Hole will be created. Isn't a black hole itself imposing this much energy with the ability to stop light from shining?

Currently they think their MS-MR Super Gravity Black Hole is at the center of everything: birth of the COSMOS, galaxies, quasars, and Inner Space atom smasher crashes with enough energy.

All of their lack of common sense and logical simplicity has set the stage to take on the horde of gods and sages of the mysteriously dark graviton and its gravity in Black Holes. The graviton is the current theory particle thought to communicate the force of gravity. By the way it hasn't been detected in a gnat smasher or anywhere else yet. For those in current theory it's either a particle or nothing at all. It should have shown up for they have claimed to have found their god particle. Maybe gravity came before their god? This means it will take even more energy to find it.

And on that Saint Valentine's Day 2008 with Letter 7 was current physics theory massacred once and for all time? I have heard nothing from any one of the individual gods, the letters were sent to?

Are they all dead in the head to new ideas? Insane as per definition number 4 in lacking common sense? Or are they protecting their empire of atom smasher funding desire?

Has anybody even read them let alone studied them? Have they even really studied their own writings or have they only followed a leader from their past and are continuing to grasp at straws – strings [something useless] relative to the force of gravity?

What is really visible in *Flatland* when you are in *Flatland*? Is it a disk or a line? It's a line: as professed by the Author of "Flatland" and discussed in previous Articles. Yet current theory is based on seeing a disk.

Maybe "Spacetime" is not a "Fabric" but a Volume of Space & Time [3 over 1].

What is the earth's "loop-the-loop" from "Death by Black Hole"? Is the earth going around and upside down? This would require the earth to spin on two axes and it doesn't.

What is $E = mc^2$? It's AI's theory of everything and the warping of the spacetime fabric.

What is $CCF = \int_{ccf}[(SS_1CME_1)]dx dy dz dt$ from Article 1? It's "CRAZY" Kev's theory of a CRAZY COSMOS moving around all the time in a 3D Volume over Absolute Time. And now its $CCF = \int_{ccf}[(SD_1CME_1)]dx dy dz dt$. It moves mainly in a 2D plain-plane over ABSOLUTE TIME. The 3RD D = to z doesn't change much.

Which has more to do with the creation of *physics*? The CCF of course, for every thing every where changes with time! Isn't this the absolute of every thing being Relative to everything? Everything and everywhere are separated to denote the clumps of stuff, galaxies, here and there

Now six years later, here in this Article I hope to finish wrapping a Grand Explanation Theory (GET) around the physics of gravity in the COSMOS.

I will let it all flock together in the next Article.

I will admit that it is both Local and Universal in NATURE by NATURE and there is a tremendous amount of detail to put it to the test and implode (crash & burn) it or explode (show & grow) it as the GET or better yet the GEE.

I believe NATURE'S MEND has a NATURAL Simplicity and Elegance that is a thing of BEAUTY.

Maybe current theory physicists got caught in the line of that old song that goes, "I overlooked an orchid while searching for a rose!"²⁸

Crawling around in the dark in a rose bed can be a thorny endeavor. Crawling in the dark, because of the lack of graviton progress illuminates a slow pace or a wrong direction.

Is it time for a change: in spacetime: a return to Ancient Of Day's space & time?

Sometimes you have to turn around to get out of the dark to go in the right direction.

If all the darkness in the current theory can be illuminated with NATURE'S MEND, it just may be the Oracle Orchid of the COSMOS, the GEE, the CHI.

The gods remain silent. And because I'm stubborn, I've expanded all of these from Letters to the gods, to Articles of NATURE'S MEND for all to indulge [give way to one's pleasure] {PLAY} in - read.

I want to thank you for any consideration you have given it and hope that it brought some laughter and maybe even stirred your consciousness and subconscious a little.

Thank you

Enjoy the tale — Anti-Gravity (AG) as it trails through space and time with NATURE'S MEND for the UNIVERSE. Anti, because it changes current theoretical thought on the cause of gravity, to theoretical thought of the effect of gravity and reveals the true cause. All this really means is that what we see in gravity is not caused by a force that we can't see from what we directly see in mass.

They, the gods of current theory, left the dynamics of motion out of gravity, though they later added it by putting the units of acceleration on the constant of gravity. The gods endowed gravity with dynamics. And what is NATURE'S MEND about, but the Dynamics (motion) of Matter and Energy in the COSMIC Ocean from teeny tiny ripples in Inner Space to a Super TRUE BIG BANG blast wave ripples in the beginning of Common Space Outer Space.

Let's walk a boardwalk of gravitational history for a while. The 1988 addition of the World Book Encyclopedia states the following, "Gravitation is the force of attraction that acts between all objects because of their mass – that is, the amount of material they are made of." It also states that Aristotle made one of the first attempts to understand why objects fall toward the earth. This would have been around the mid 300's BCE some 2350 years ago. Scarcities had been executed 50 years earlier and Plato was nearing his end. Aristotle had become the first scientist and would become the educator to Alexander The Great.

The World Book section on Aristotle states that, "Aristotle argued that to understand change, a distinction must be made between the form and matter of a thing." Like the form is a chocolate chip cookie, but the matter is all the individual ingredients. This is similar if not the same thought premise of understanding the difference between effect [form] and cause [matter] as I have mentioned before. It will also be the main premise for considering the cause of the effect of what has been called Gravitation.

It took some 1950 years for a change to the Aristotelian logic when Galileo introduced the idea of acceleration (dynamics) around the 1600 hundreds CE, that of a constant acceleration, into the idea of gravity. Then a 100 years later Newton's theory of gravitation came to play with proportionality (ratios) of mass; the larger the mass the greater the gravitational attraction. Newton was applying it to planetary motion.

Mercury made the gods stew until the early 1900's when the God of gods, an old boy – young man, stepped into leftfield from outside the ballpark of physics at the age of 26. Does his name even need mentioning? For posterity I will caste it to paper once more: Albert Einstein. I think Robert Kirshner's mom's comment to her son about thinking he was smarter than Einstein put the big "G" on Al-E.

I bet you, Al-E is as well-known as the Beatles; maybe better known! His form and matter of gravity involved Special and General Relativity. And for the past 100 years current theory physicists have been intoxicated with $E = mc^2$ and the spacetime fabric and its time dilation. Its reversibility & transference in current theory even allows for a mass-energy [charge] interchange. Where's the entropy? It's missing: an absurdity in and unto itself in their nature!

That's three strikes against Ms-Mr Super Gravity. It loses radio waves, discharges never seen radiation and it works without entropy. Jets [not the airplane type] have even been seen flying out of it also.

This can only be if nothing can be at the core of a black hole making it a real hole in space.

Their theory is left in chaos full of disorder and darkness.

You can have whatever you want out of $E = mc^2$ as it relates to particle physics. It is the graven image of Current Physics et al and they've been on a particle hunt in current theory ever since. They are warping spacetime; warping dimensions; adding dimensions; and are now staggering around in matrices, branes and bulks tied up by superstrings searching for the Holy Grail Graviton [the gravity god particle], or a way to explain it away.

Maybe it will just go away in NATURE'S MEND if SHE can provide something to transcend the darkness of their MS-MR Super Gravity Black Hole?

And in an apex of soberness, about a new aspect for the old theory of gravity, a humble goddess exclaimed, *"This new, previously unexplained suggestion highlighted the extent of our ignorance about gravity and the shape of the universe."* This new suggestion has nothing to do with what I will be suggesting.

Will NATURE'S MEND notion about motion in the COSMIC Ocean illuminate even a greater ignorance potion about gravity for the current theory gods?

A benchmark of character has been at the forefront of all my efforts, "Lead, Follow, or get out of the way!" Al was a leader and has been somewhat followed for 100 years. They use his ideas when they benefit them, but then deny him when he thought they were missing some basic understanding. I must be insane or "CRAZY" to fall out of the ranks of his horde of sages (wise followers). But Aristotle and Galileo would agree with AL in that they are missing some basic understanding. I think I will stick with AL and Galileo and Aristotle for this Articles path.

I have never been a follower. I have always been a wondering wanderer, never afraid to walk alone (lead) in work, life or LIFE. But, I've really never been alone!

Don't follow along, walk with me, think with me, is this theory of NATURE'S MEND ANTI-GRAVITY. I bet AL-E and G-G and A would if they could!

Where does one begin to wonder and wander for a different idea about gravity and not be influenced by the gods of the past 2400 years, or even religion?

Back at the beginning and look for a distinction between the form and matter of the thing called Gravitation. Look for a distinction between the effect and cause of gravity. At the vary origin of the COSMOS with a thought experiment absolutely divergent from current theory!

No, just a little further into the darkness of the deep before there was anything!

No, that's not right, because in the beginning of this new theory, everything, all matter and energy that is, existed even before there were gods.

The best way I can put it is, "back into the darkness before the Truly Natural TRUE BIG BANG; before there was light!" Even before GOD said, "Let there be light!"

I hope you're not afraid of the dark, because it doesn't get much darker than that.

I hope I, we, don't stumble! They've done enough stumbling, futzing, around in the darkness of gravity in current theory.

We are going to go back to school [Let the shivers that just went down your spine settle] and pick out a couple of things to play with.

One of the things that I learned as an engineering student at North Dakota State University was the use of what is called a free-body diagram.

And from high school an old game we played. It is a thought game and was called hangman.

If you've never played it, one draws an upside down "J" puts a little squiggle off the tip of the J-loop and then puts any number of blanks at the bottom of the page. See Figure 7.3 Hangman – The Game.

As the theorist guesses at the letters to fill in the blanks, each wrong guess results in the executioner putting a body part of a stick figure at the end of the hangman's rope, the squiggle. First the head, then the neck, then the body, then an arm and so on until the blanks are filled, or the theorist is hung. See Figure 7.4 Hung Man.

If one were to cut the rope a force vector [pointing arrow] would be drawn pulling down on the rope segment connected to the J-loop. Then an equal and opposite force would be drawn lifting up on the rope around the neck of the stick figure. And we have just made a free-body diagram of our hung man. See Figure 7.5 Hung Man Free-Body Diagram.

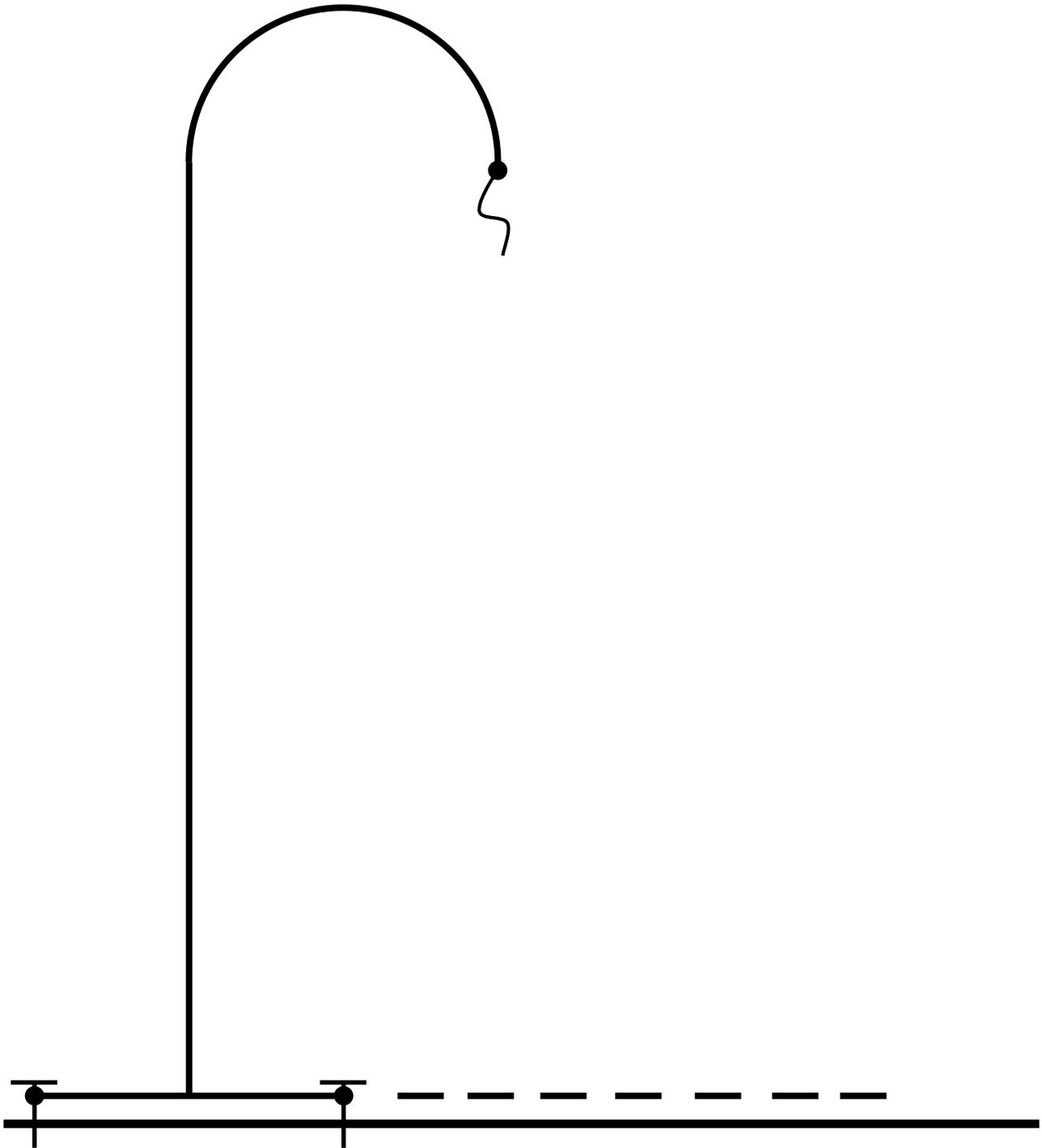
This allows one to evaluate and understand forces and how they act on components of a system.

For example: if we hung Goliath up to dry after attaching his head because David sent him to a deadhead face plant and beheading, we could engineer how strong the rope would need to be to keep him hanging out to twist and dry in the wind. Then we could say that, "Goliath was hung up to dry." If the process worked without failing then we could say that, "Goliath was all dried up!"

By the end of this Article current theory gravity better be hung up to dry and be all dried up!

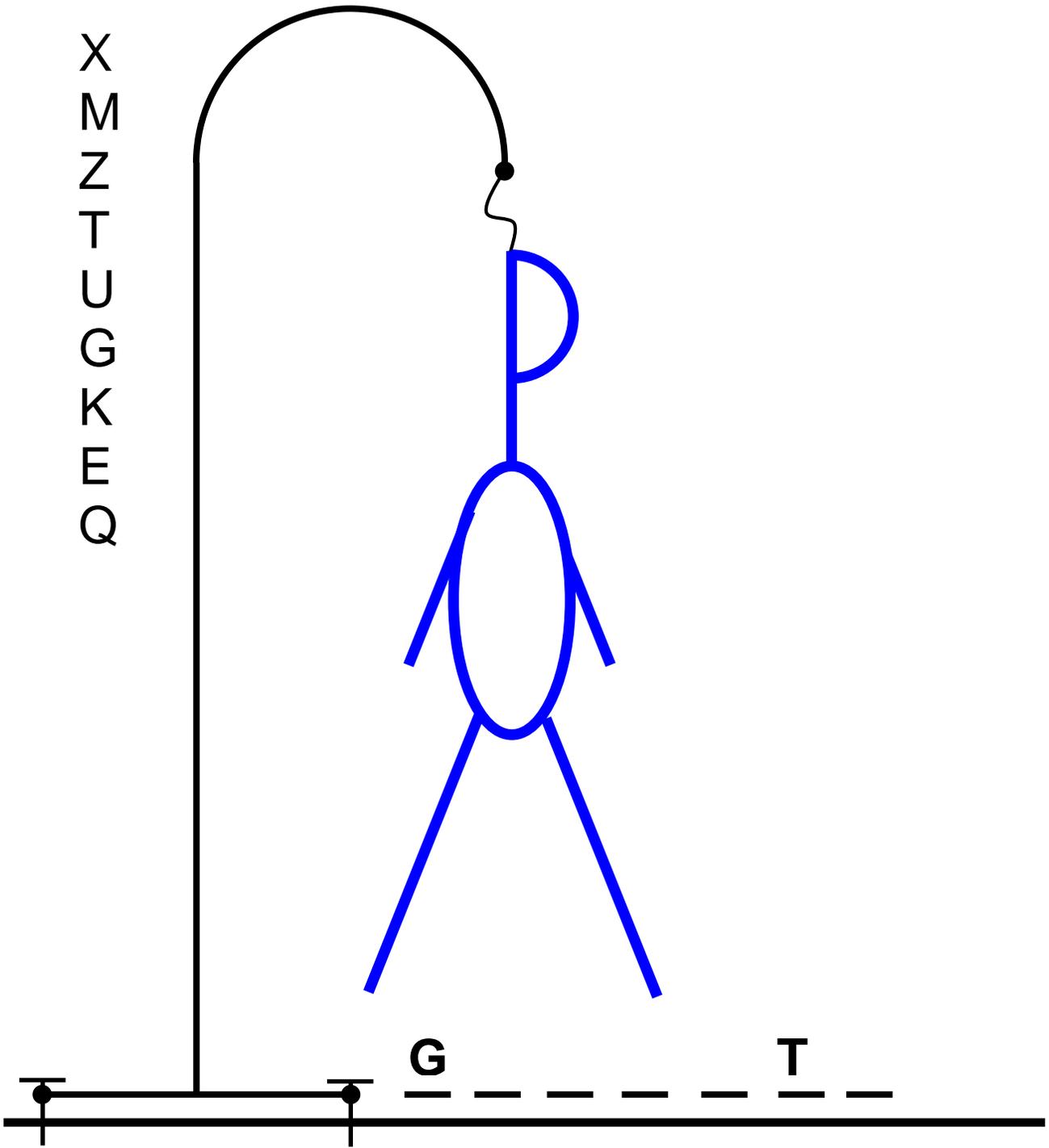
This process can then be extended to the "J", the bolts or pegs that hold the "J" to the ground, and everything else associated with the ways, means, and methods for hanging gravity up to dry. Go back and look at Figure 7.4 – "Goliath" or "Gravity" resolves the hangman game.

How does this relate to gravity and the form and matter of the thing?



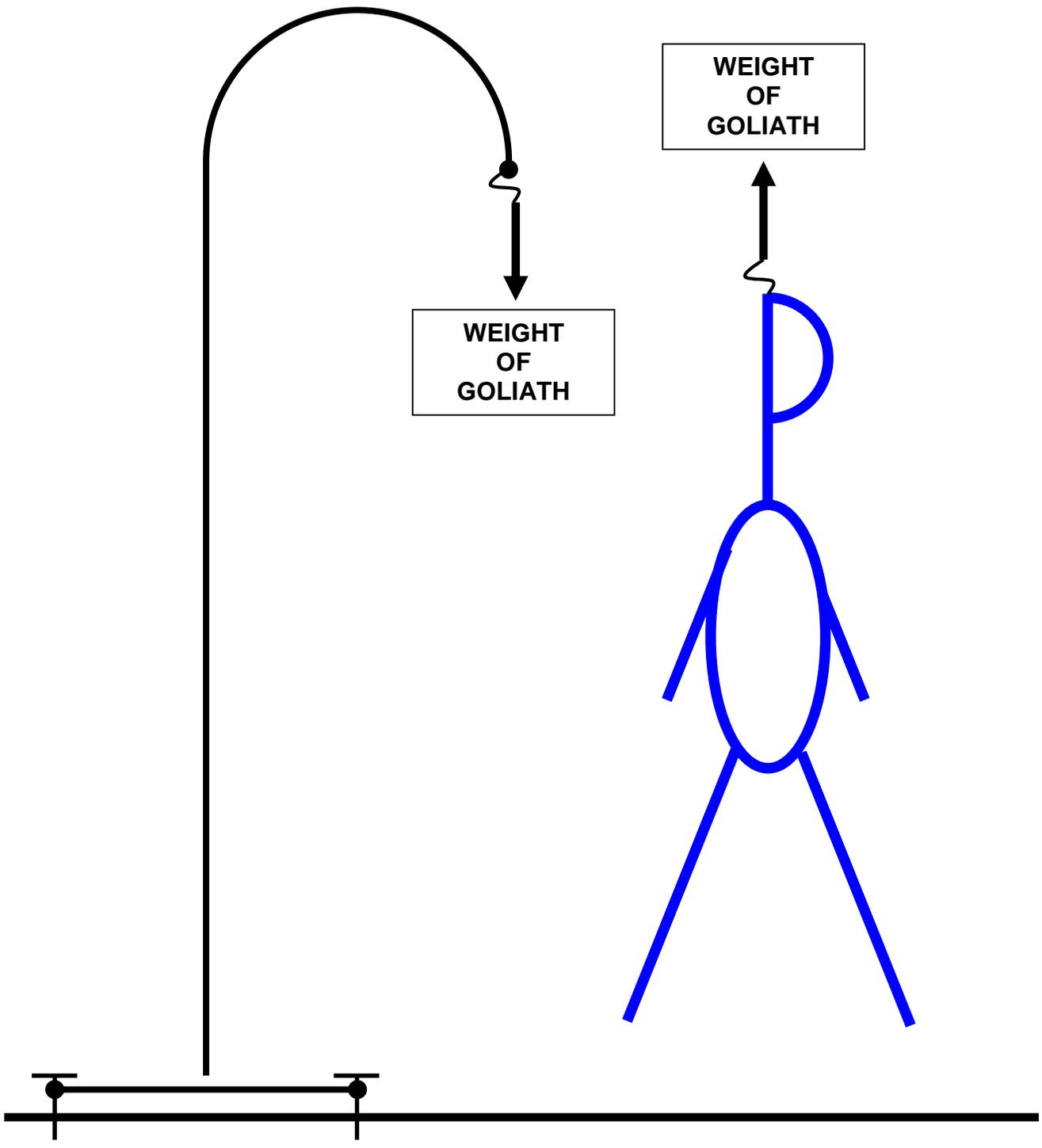
HANGMAN - THE GAME

Figure 7.3



HUNG MAN

Figure 7.4



HUNG MAN FREE-BODY DIAGRAM

Figure 7.5

Actually it does twice. Literally from a free-body diagram standpoint and metaphorically from a theoretical stand point. Literally, the free-body diagram will be used in the analysis of gravity acting between a body (Goliath) and earth. Metaphorically, the theory of NATURE'S MEND will be hung out to dry and dangle in the wind if it can't fill in the blanks of a new explanation for Gravity. In this Article what is being called anti-gravity.

What I mean is that if gravity is an effect, then it cannot be a force, thus the force must apply to something else or come from something else. And thus the cause must be anti to what is currently considered the cause - mass.

A little tale-spin, but that is a lot better than the flat spin of physics today.

Flat spins occur in ballet dancing and ice-skating.

But then again it's really not ice-skating is it?

In ballet, they're on their tiptoes and in ice skating their on their skates. One is vertical and the other horizontal with her head skimming the surface of the stage or ice as they spin.

A jet airplane can also be in a flat spin when the airstream around it is disrupted and all flight control of pitch, roll, and yaw (x, y, z) that spatial special three are lost.

I always worried about the one in the flat spin.

Yet a flat spin can be very stable, but not controllable. Like the flat spin of our solar system which is in the flat spin of our Milky Way Galaxy: both are very stable, but we have no control over them. Or like current theory gravity effect today is very stable, but they don't know what forms it.

Maybe in the extents of the True Celestial Discus we're in a flat spin also, but locally [our viewable universe] we're not?

Just maybe our Solar System rotates perpendicular to its path in our Milky Way Galaxy. Our Galactic Year is thought to be between 225 to 250 million years. That's 10% darkness in our very own orbital time in our galaxy. Would this allow the poles to randomly change? Or maybe our Milky Way Galaxy rotates perpendicular to its path in our viewable universe. Or maybe it's our viewable universe in the unseen extents of the COSMOS. Or maybe it is a combination of all of these and the additional orbits discussed in Article 5 for me to be moving at the speed of light velocity.

Earth's polarity (North to South) is switching on some random cycle of thousands to millions of years. Is it because our solar axis loops around and around and around its path in the True Celestial Discus? Maybe the earth does loop-to-loops, but far beyond our vision.

For in Common Space they know the poles have been switched in the past.

NATURE'S MEND explains both the switching and the randomness of the switching, because as we expand, accelerating away from everything, we, our solar system, never travels the same path. Thus the time between events is random. So we also have one unique path from beginning to end in the COSMOS like the electron in its light life. NATURE'S Avalanche Principle extends from Inner Space to Outer Space without quantum absurdity or crash with gravity in black holes.

Or maybe it is imbedded in quark spherical charge, and a little change in the angle of the axis of earth can change the polarity (charge) of North to South? It wobbles versus loop to loops.

And NATURE connects the Planck Scale to the COSMIC Scale without a quantum of gravity, or a graviton particle, or a crash between current quantum theory and their Relativity.

What is electromagnetic energy, but a Natural phenomenon, the matter of a form force? Maybe it is the matter of all forces? This goes back to Articles 4 & 6. Can EME have or be an ingredient (the matter) of a form that looks like Common Space gravity?

Please open your mind and think along through this tale of a tail of gravity:

“Dare to Do what you Dare to Dream”.

This was my High School Graduation Theme from a little obscure place close to the geographic center of North America.

I will take it slow, because I have been slow in grasping it, even though it seems so right. We are walking in extreme darkness after all. And I don't want to be the blind leading the blind. That would be too much like current theory blindness of looking into an absurd of NATURE.

Gravity as it has been observed; postulated; and master-_____ on will be considered the effect [what we see and experience in Common Space]. Maybe “master” should be “doctor”? What's that old adage: “What is BS, MS, and PHD? **Bull Sh_t, More Sh_t, and Piled Higher & Deeper!**” They have piled the force of gravity pretty high, blocking out all the insight of NATURE with their theorized MS-MR Super Gravity Black Hole.

A boss even told me that he could baffle clients with BS. I never licked that, and have always tried to communicate on the same level as my clients, and not lord my engineering over them. A client even complemented me on this.

The effects will not be argued upon, but the cause [what really drives what we see and experience] will be searched for.

Again, the Seventh Article is a search for the cause of the effect of gravitation! It will be the search for the NATURAL matter of the form gravity.

Let's reminisce for a moment about the effect of local gravity; that is local to earth's surface and human observations. We see things fall to earth. They seem to go faster as they fall and stop abruptly with a smack and even indent the earth's crust. Yet with the right amount of energy a rocket ship can escape the boundary of earth's gravitational pull.

Let's take one more look within the atmosphere of earth. Combining the correct geometry and sustained force one can suspend an object within the atmosphere of earth until it runs out of energy [gas – fuel]. Hint – Hint!

Sometimes we see only the effect and some times we see both the cause and effect as vapor trails mark the sky, and a jet streaks across the sky and leaves behind its vapor trail.

Even more astonishing to me than jets was to ride with my uncle in his Piper Cub (it is a little two seater airplane which drags its tail when it's on the ground), and watch the cars on the ground go faster than we were travelling in the sky.

Whatever current theory gravity is, it must be almost invisible for it to be so weak.

What better way to be invisible in current theory, but in another dimension [extra – 4TH, 5TH, 6TH, 7TH, . . . 11TH]. Isn't there a game of craps where the theorists [dice throwers] like to cry, "7 come 11"?

Current theory gods want gravity to be captured or sequestered in these extra dimensions, by an incredible bulk [current theory *full higher dimensional space*] in another brane [current theory *membrane-like object in higher dimensional space that can carry energy and confine particles and forces*] of absurd current theory warped darkness. They want to hide [confine] gravity in their branes so it doesn't apply in their brain in Common Space day to day. Brane strain is brain pain - is absurdity - insanity in current theory.

Or just maybe gravity is so weak because it is nothing at all?

And in everything you read that seems to be one of the big thorns of forces in current theoretical physics today, "Why is gravity so weak?" and as mentioned before it has been dubbed the *hierarchy problem*.

The outcome of this reminiscence is that gravitational effects involve motion, and motion is a function of size, geometry, forces, accelerations, and velocities: lots of Goliath math literally, and metaphorically: summed up its called MEND.

Because we can't control it, NATURE'S in CONTROL of it: whatever it is.

Where do we begin a search for the cause of these gravitational effects?

As mentioned in the last Article, man choses to impose on NATURE where NATURE choses to contain.

The challenge against the hangman's noose and the blanks of gravity will begin with the containment of NATURE. It will begin at the very origin of NATURE'S MEND and Article 1 and reference the other Articles, and along the way, I hope, build on itself.

But, before we go digging into the core of NATURE and go back a 122 billion years or more into the COSMIC past, that's 102 billion or so past where anyone has even thought to go, before HER TRUE BIG BANG can we hang a few components of the current theory out to twist in the wind?

If not, is there any reason or purpose in making the effort to turn around and fall out of line with current theory gravity?

Do we start with the strongest or weakest illuminations of their effect of gravity?

Another uncle advised me as I was going out to shovel a huge snow bank in front of my parents garage:

"Work on the hardest (strongest) part first and then the easiest (weakest) last, because once the strongest are taken care of the weak will easily fall into place."

I paraphrased a little for the indulgence of this effort.

I now have a tractor and loader to move snow, or a lovely ladies snow blower.

Then again maybe my uncle was paraphrasing the epic battle of David and Goliath?

When the strongest fell all the others fell into place, a place of subordination [submission to authority] effect to cause.

Much like the sages of Newton did, when AI-E slew Mercury, with his theory of Relativity.

But what did AI do?

He went off on a gut feel in search of the GUT, the Grand Unified Theory of Forces. He passed on before he found the GUT.

The current theory GUT might be empty if gravity isn't a force! No wonder they're hungry for a new explanation or extrapolation of gravity.

But, here in this new theory the GUT turned into GUF and then EME gas in Articles 4 & 6. Could EME [electromagnetic energy] be the mass effect of gravity?

Is there more sagemess [wisdom] in following behind or walking beside AI-E in theory?

Or is there more wisdom [basic understanding] in leading in his spirit by searching for completely different explanations for darkness in basic understanding with a wild imagination?

If all we do, these days, is to continue to follow behind those of the past and fork off the current particle path without spinning, we are just avalanching away from NATURE'S MEND. Recall Figure 6.14 Comparative Particle Theory Understanding Map.

Maybe we shouldn't impose on NATURE? This is becoming a repetitive theme!

Maybe we should walk with HER hand in HAND?

Maybe this applies to BULK₂ & BULK₃ also?

Let's go after the strongest form [effect] of gravity imposed by men gods [female & male] first and look for a matter [cause] of it in NATURE.

Where in the current theory is the gravitational effect the greatest? But at the core, the center of everything, the apex of their origin gas cloud.

No, just a little further back than that, at the formation of their origin particle in the sink hole of Figure 5.1. Where nothing became something, and something pulled together by dark gravity, and began to grow and glow into everything.

In the beginning we could call this their origin star birth. Yet NATURE'S MEND captured star birth in Article 3, and formed the COSMOS in Article 5 without this great gravity darkness. Their master-god of gravity is the Ms-Mr Super Gravity black hole. It's their True She-He god. It can be attractive and repulsive [blonde and belligerent].

It is simple and elegant in NATURE and in their theory. But they have endowed it with Super Powers.

Because mass relates to gravitational force in current theory the mass of a black hole has to be immense, but its massiveness is not. Reflect back to Figure 7.2 Current Theory Black Hole.

Wait a minute, once you enter the mass causing the effects of gravity, for example 500 miles (805 km) into the earth's crust the gravitational force actually subsides (becomes smaller) because the mass you're exposed to is less. See Figure 7.6 Earth and Gravity. At the core there is no gravity.

This is not my concept, but is supported by all others. However, they believe the inner core of earth is solid at 9000 °F (5018+ °C). This simply does not work intuitively or mathematically.

And here is another problem with trying to call gravity a force. It has units of acceleration, of Length/(Time x Time) [L/t^2]. A force is usually in pounds or kilograms, or some variant of weight in U.S. units or Internationally Accepted SI units [The metric system]. I'm showing my colors by leading with U.S. units.

Their gravity goes against NATURE and HER pressure of force over area. Because the pressure acting on the inner surface area of a spherical chunk of some thickness of a planet actually increases as you move to the core. The total surface area of the inner sphere decreases so the pressure must increase. Thus the force over that given area must also increase. This pressure is what also causes the core to become hot. See Figure 7.7 Earth and Pressure. If not the planet would implode due to surface pressure [Force/Area] being stronger than the inner pressure.

Oh, that's right; implosion is a driving force for their black hole birth. Their black hole sucked everything in in their beginning.

If the core of the earth is solid as current theory speculates the pressure approaches infinity as you move to a point inside the core of earth smaller than a ping pong ball, and then smaller than an electron. And at that pressure and temperature nothing can exist.

Something is wrong?

That's what's nice about solid, fluid, gas physics: once you reach the fluid and gas phases, the pressure acts uniformly in all directions and you don't have to go to infinity (into the dark). The pressure can go up, but you need a hell of a force [Gasification Force]. Maybe that's why hell is so hot – it's under almost infinite pressure from GOD!

At the gravitational apex of a black hole, the very core, the effects of gravity are nonexistent and the pressure infinitely strong which means nothing can exist. Something's wrong!

What is inside their projected hole in Outer Space?

NATURE'S MEND pressure can be Planck Energy Scale and more in either a positive [blowing out] or negative [sucking in] from inside a hole in space.

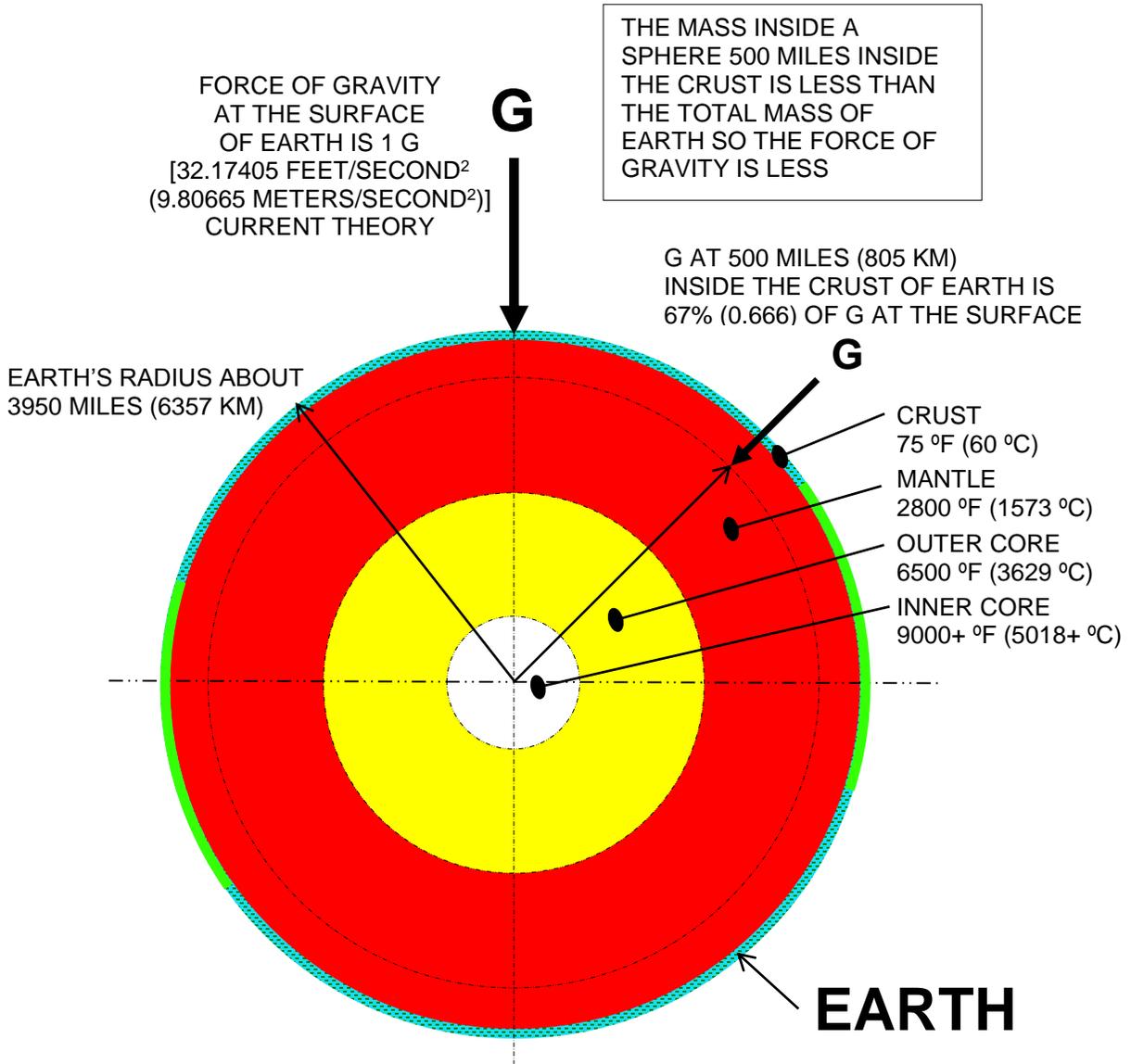
Current Theory gods and NATURE are in conflict and a blank remains in the current theory!

Looks like the hangman game can be applied to both theories.

The current theory speculates that the gravitational effects of a black hole are so strong that even light cannot escape them. That would mean that the mass has to be so dense as to absorb light and all its energy that nothing can reflect back.

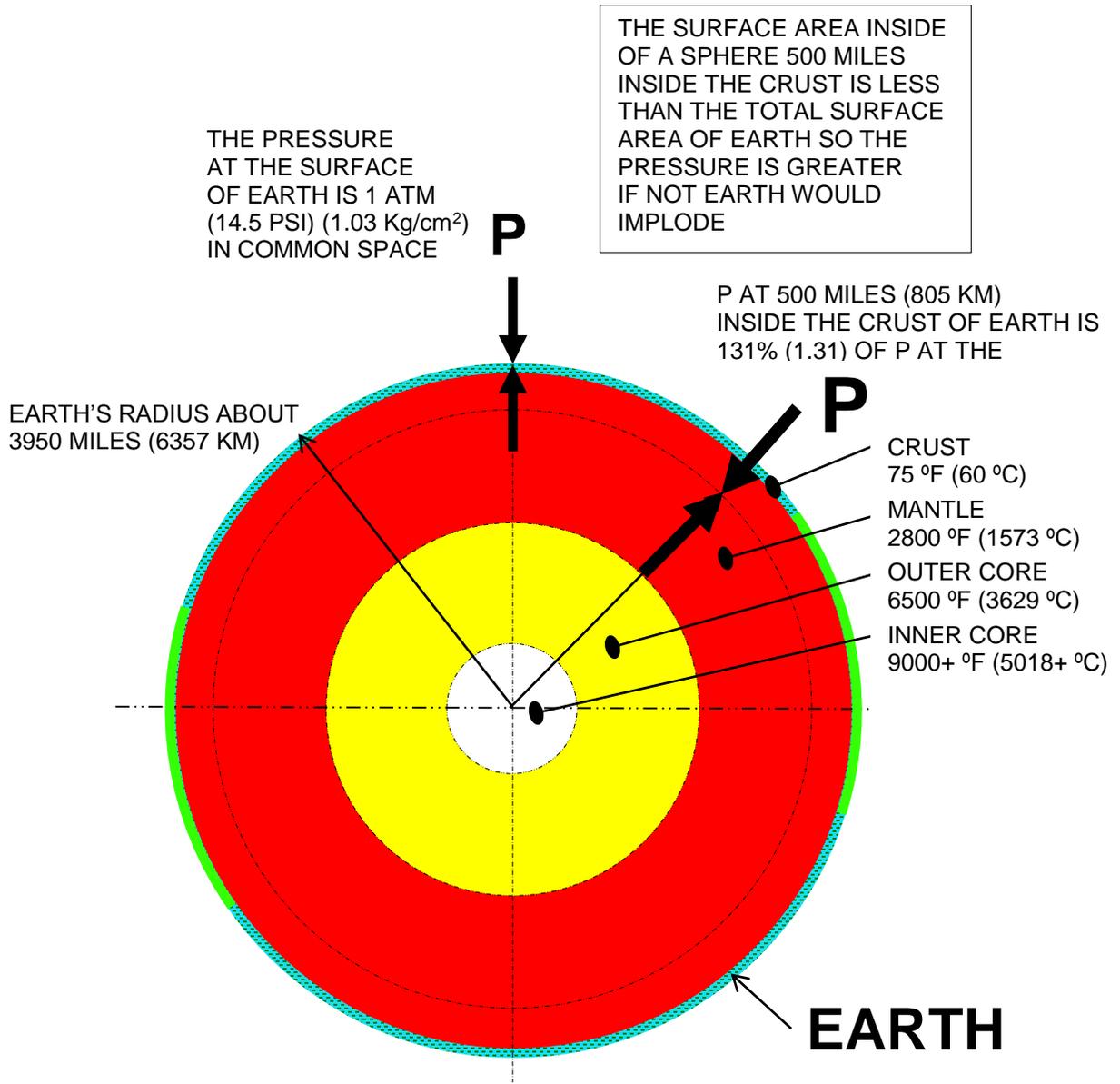
If not, would it be black: no, it would be gray.

Radio waves do escape so it's not all black, it must be gray.



EARTH AND GRAVITY

FIGURE 7.6



EARTH AND PRESSURE

FIGURE 7.7

Maybe a black hole itself is an effect and not a cause: a reflection and not an object?

A dark matter – matter as in question and not mass for the current theory black hole. Another form of the matter we are searching for in this thought experiment of NATURE'S Matter Energy and Dynamics containment versus man's imposition on gravity.

Seems like things are getting darker!

Could we be walking in the shadow of death of current theoretical physics of the Universe?

Though I walk in the valley of the shadow of death of current theoretical physics, I do not fear its death. For death in BULK₁ brings basic understanding and new knowledge: new life in BULKS_{1 & 2}.

The gods all realize new life in current theory is needed to explain the mysteries of the UNIVERSE. *"The problem is that – like nearly all other theories containing strongly interacting objects – no one has yet found a way to solve many of the most important questions that will help us better to understand what is really going on."*

A black hole in the current theory is massive mass without massiveness!

For if a black hole contained that much mass it would amass all that was and nothing would be. Except for the black hole in which everything would be, but nothing would be. It's like I'm caught in, "Ring around the rosie - A pocket full of posies – Ashes! Ashes! - We all fall down"²⁹.

Didn't someone write a book "Death By Black Hole"?

But the author of that book thinks the earth does *"loop-the-loops – thirteen of them in a year, one for each cycle of the lunar phase"^D* in its orbit around the sun.

And I thought it was a wave function, a wobble, because our orbital velocity around the sun is 66 times faster than our angular velocity (how fast we rotate on our axis).

The World Book says it wobbles.

Can they both be right?

If two published documents say different things about the same thing will we ever come together for better understanding about black holes and the way they act?

If we can't read the truth, how will we ever know the truth?

It's like lawyers imposing doubts so you think the lie is the truth. This was the "juice" of the OJ trial. Pardon the pun.

And in current theory time changes with speed, so is time even a dimension?

Do we need to see 4-D in 3-D, maybe its 3-D in 2-D, or maybe its 9 or 10-D in 1-D?

Or maybe it is just 3-D in Time with NATURE? For, SHE showed the Absoluteness of Time in Article 5 with a Unitized Relativity observation of Grace to George and George to Grace traveling at the speed of light to each other.

“Facts so bizarre cry out for a deeper explanation.” This is snitched from “Warped Passages” by Dr. Lisa Randall.

Could NATURE’S MEND be that deeper explanation?

But, before this she commented, *“But once you put too much energy into a region as small as the Planck scale length, 10^{-33} cm, you get a black hole. You then have no way to know what’s happening inside. All that information is trapped within the black hole’s event horizon. On top of that, even if you were to try to cram more energy into that tiny region, you wouldn’t succeed. Once you’ve put that much energy inside the Planck scale length, you can’t hold any more without the region expanding. That is the black hole would grow if you added energy. ... Even in physics thought experiments, you simply never see a region that is very much tinier than the Planck scale length. The rules of physics that we know break down before you get there. Somewhere in the vicinity of the Planck scale, conventional notions of spacetime almost certainly do not apply.”* Note: this is a theoretical statement – a guess and may not actually occur with NATURE.

What did we just discuss with the earth having a solid core?

If the core of the earth is solid it should have become a black hole in current physics theory.

Their physics of a solid core doesn’t apply.

The hangman is getting restless with their theorizing [guessing].

This just exemplifies physicist’s position of imposing, forcing NATURE to do what they want, and being godly over HER, instead of searching for what SHE wants to do naturally and serving HER.

Didn’t we just talk about black hole’s massive mass without massiveness?

And in the last Article we went to the very core of Inner Space with two new Forces and found GUF and an EME Gas through phase change and didn’t blow up.

How can a black hole grow with more energy when light can’t even escape its power?

Is current physics theory on the verge of its “19th Nervous Breakdown”³⁰?

How many breakdowns can one thing have before it’s broken down for the last time and sent to the bone pile of hysterical₂? Hysterical₂ – showing extreme lack of control – basic understanding.

Current theory gravity can’t control anything because it is so weak.

And here’s the leap; rules of the current physics theories are stuck on solids, particle physics.

When you inject fluids you glide across an event horizon and flow to gasification. The imposition of energy fluidizes solids [particles] (contained Precipitation Energy), and vaporizes fluids, (contained Gasification Energy): the two new forces developed in Article 6 and carried over into this article.

Maybe the real leap, in contrast to the last Article of Matter & Energy conversion to the core, is that it all begins in the core of SD₁CME₁ with Natural Liquefaction (the process of changing into a fluid, especially of changing a gas by application of pressure and cooling) at the core of the Origin Particle of NATURE’S MEND before there was light.

We just talked about the force of pressure increasing as we move to the core of a planet.

Thus unification of forces begins at the unification of particles. And unification of particles begins as a fluid and clarifies as a gas. And Grand Unification has nothing to do with gravity and everything to do with NATURE'S pressure.

In the beginning, 20 to 120 billion years ago, where does enough pressure and cooling energy for liquefaction come from?

Is it a tiny god particle with massive mass and a little big bang and a fart of gas: the Current theory concept of the origin of the COSMOS?

Or is it a massive Origin Particle planet, inverse Planck Scale, of immense size containing all matter and energy of the UNIVERSE giving IT massive mass?

Like star formation begins in the inner containment of gas clouds, see Article 3, so the COSMOS began in the inner containment of all matter and energy at the hollow (not quite), gas filled core of SD₁CME₁.

Both theories have gas: one naturally contained the other requiring a mysterious mechanism and gravity in a black hole to bring it all together from a stink hole into a sink hole. See Figure 5.1.

Yet in a black hole when you add more mass (energy – transference from $E = mc^2$) the hole grows and you have nothing but the black hole.

Can the two theories diverge [move away from each other] any further?

Old theory (current theory) is mass without massiveness in a black hole.

New theory craziness is massiveness with all mass and no hole. Well, at least, no hole in the beginning.

We're going to escape from black holes for a while and look at the two bangs in the beginning.

Let's consider the tiny particle little big bang and cosmic creation in current theory.

A tiny particle, essentially lacking massiveness, blows up (hence the little big bang).

As a kid I had a chemistry set and was always experimenting with things, myself included. I also looked forward to the 4TH of JULY, *"Because they let me play with explosives!"*³¹

I've had firecrackers blow up in my hand, the size of which was immense compared to the origin god particles of the current theory. Remember their god particle of the no mass Higgs Mechanism that starts it all from nothing at all in current theory.

All that happened when those firecrackers banged was a powder smudge or sometimes a blister. I may be tall when it comes to mankind, but I am really-really short, far shorter than Planck Scale Length when compared to the COSMOS.

I would save some of the explosives and blow things up, like airplane models, in the winter. The white snow provided a perfect mat for analysis of the debris field. In the summer I would build structures out of dry tumble weeds and then blow them up to knock them down.

With a little big bang you have a little debris field and a little gas and no gravity.

One could claim you have a conglomerate of gravity with all the debris within the gas cloud. But then the gas cloud would balance, like the planets of our solar system, and nothing would come together. It is just a consequence of gravity's weakness.

With nothing, in nothing, nothing can come together because of gravity's weakness.

Yet gravity is the mainstay of the current theory and is the force of black holes at the heart of their origin of their theory, and galaxies, and other objects.

Let's apply $E = mc^2$ to their little big bang. The massiveness is tiny, strings of zero oscillation, a point like object smaller than an electron, essentially zero mass. Light didn't exist so the speed of light is zero. Thus in their beginning $E = (\sim 0)(0)^2$ which is zero.

So in the beginning of current physics theory, in nothing with nothing, everything came together and was made of nothing from nothing with nothing in the beginning. It sounds way too religious for me. It sounds insane!

Maybe GOD said, "Let there be gravity!" before HE said, "Let there be light!"? And in the beginning, "The earth was without form and void, and darkness was upon the face of the deep; ..."

The current theory of the origin of the COSMOS keeps getting deeper and deeper into darkness. A matter of fact they don't want to talk about it before it was, because that requires discussion of a BOSS MAN – GOD. When you talk about GOD you're leaping from BULK₁ over BULK₂ and into BULK₃ which is someplace they don't want to be. Though most of them like to take pot shots at GOD in their writings.

Where did gravity come from? Where did the light come from?

Current theory gods will argue their origin particle had massive amounts of mass it just wasn't massive.

Let's apply $E = mc^2$ again. "m" is huge as they claim, say $10^{\text{Trillion}} = 10^{1,000,000,000,000}$ kilograms. Yet light didn't exist, so there is no speed of light, so "C" is still zero. And they don't have "Really Real World" spinning so there is no spin speed of their origin particle to consider. Thus $E = (10^{1,000,000,000,000}) \times (0^2)$ and it is still zero: which is nothing.

Talk about bizarreness that cries out for something greater and something simpler for a better understanding.

And along comes NATURE'S MEND and something greater in mass, actually containing all mass and energy of the COSMOS in the beginning, and much simpler, for it is naturally contained from beginning to end in three dimensions over absolute time.

Well we're not sure where it will end. That jumps BULKs for now and that has all along been an avoidance of mine. Though, I must admit that a stray current sneaks in once in a while.

Maybe, even in this infancy of the theory, it's time to evolve the name from CPE ∇ M-EnD to CNPE ∇ M-EnD: the COSMOS NATURALLY PROCESS ENGINEERED through MATTER-ENERGY & DYNAMICS.

What is dynamics, but motion and forces and we are back to the matter and form of a thing, of gravity.

What is gravity?

Is it the form of something?

Or is it the matter of everything?

CNPE ∇ M-EnD theorizes in the remaining part of this Article that it is the form of the matter of something: it is the effect of a naturally occurring cause. AI will support me in relativity!

If gravity is an effect, then mass is mass, and its accumulation may have nothing to do with gravity other than some electromagnetic component. Why else is there polarity to planets? This will be addressed in the Epilogue.

The force of gravity weakens as you move to the core, but NATURE'S COSMIC force of pressure due to boundary layers (mass accumulation) does not. It actually increases, maybe far enough to reach natural liquefaction of core gas to GUF [Grand Unified Fluid].

With all mass amassed in the beginning the origin particle of NATURE'S MEND is huge, a planetary behemoth, and it is spinning. The mechanism for its detonation, (the Natural TRUE BIG BANG) and the results are outlined in Article 1 and other Articles.

However, let me paraphrase the goddess, *“Once you've put that much energy inside a GUF, you can't hold any more GUF without the region blowing up.”* And you have a Natural TRUE BIG BANG & Light et al!

The containment of all forces and observations has been touched on in the five additional Articles after Article 1. And with NATURE'S containment of liquefaction at the core in this Article, everything can come about naturally with everything from everything in the beginning through a process of EME gas to GUF to particle to element to solid cooling.

And what better heat sink than an infinite beyond with the BOSS [Beyond Outer Space Space] that is at absolute zero surrounding the Origin Particle and all the heat absorbing elements at and above iron. The detail layering of the Origin Particle is left for later bulking.

It all begins in darkness and ends with light. Well, that is for the Origin Particle. How we end and our Space ends is another tale, which will be told later.

Maybe the ancients understood more than we think. Just maybe they were more knowledgeable than we are. For in the ancient writings doesn't each day start with darkness and end with light, with time being independent?

If you study, there is a lot of other scientific knowledge without the current theory science in the ancient scrolls!

Before we analyze the effects of the blow up of this giant Origin Particle, in thought experiment, what's happening at the boundary between the OP and Outer-void?

Is there anything that current physics and engineering can address? Liquefaction requires cooling and thus there must be a temperature gradient (a change) across the radius of SD_1CME_1 that naturally propagates (spreads) this cooling effect.

Yet fusion is exothermic (making lots of heat) at the core formation of hydrogen.

Wait a minute; doesn't it turn endothermic (needing lots of heat) at iron? I hinted to this just a bit ago.

The heat release from hydrogen fusion up to iron keeps the GUF surrounding the EME gas core liquefied and supplies heat to fuse iron.

However, once the fusion of iron is reached and the fusion of continuously heavier elements takes place, a lot of heat is required.

And all the heat generated in the previous TRUE BIG BANG cycle of SD_nCME_n is used to make mass in the current cycle of building the OP (Origin Particle) of $SD_{n+1}CME_{n+1}$.

This fusion pushes to the solidification of Lead and the crust of $SD_{n+1}CME_{n+1}$ is established and every element that will be is naturally made and contained in $SD_{n+1}CME_{n+1}$ before another natural TRUE BIG BANG.

The outer-void is driven to absolute zero as the fusion beyond iron has naturally extracted every string of heat that existed in the collapsing Outer Space of SD_nCME_n .

So in the end of one cycle of NATURE'S MEND there is a new beginning in the darkness of a new OP for a new cycle.

The surface of spinning sub-cooled Lead is perfectly smooth and nothing exists in the outer-void so the boundary is the spinning outer surface of the OP. I can only wonder at what equatorial velocity. I would guess that it has some relationship to Mr. Planck and his genius, or at least to C or $C^{1.174}$? It can spin faster than the speed of light for there is no light to see how fast it was spinning impacted by the bending and compression effects of gravity. Remember, they measure the speed of light in relativity today. Thus they don't really know how fast it was yesterday [120 billion years ago].

Let's now apply $E = mC^2$ to SD_1CME_1 . The mass is COSMIC, infinite strings of infinite oscillations, yet it is still a point like object. Light didn't exist, but speed did as angular velocity (spin rotation of the OP) $[\omega_C]$ so it's equatorial velocity [spin times radius] can be light speed. So in the beginning of NATURE'S MEND, $E = (\sim\infty)(\omega_C r)^2$ which is, well anything times infinity is infinity.

E in this new theory is the essential driving force of the Universe without gravity and is contained in NATURE in the beginning without a black hole.

When that much E is released Explosively and Centrifugally, Dynamics takes over, and the remaining Matter is in motion for billions of billions of years forming our ever expanding COSMIC Ocean which we see and don't see today.

And here we are trying to figure out which paths past, present, and future every ping pong ball (electron) has, is, and will take to shine it's photon of light back to us in Common Space today. The Anarchic Principle of current theory says every path, which means there should be no darkness at

night. Just look outside at night into Outer Space and you can see with your own eyes this Principle is wrong. The doubt we raised in Article 2 about this principle should now be considered fact.

All matter and energy are contained in SD_1CME_1 before the Natural TRUE BIG BANG.

Therefore, in the nothingness of the outer-void nothing exists; no heat, no gas, no fluid, no particles, no energy, nothing – not even motion. It was all contained in SD_1CME_1 .

If gravity is mass related, gravity would be so strong that it would never come apart, yet gravity does not exist at the core, so mass and pressure must not be related to gravity.

The hangman has the current theory gravity by the neck. This makes it tough to keep swallowing all this current theory stuff of gravity warping spacetime, living in black holes, fueling quasars, and being the magician of dark matter, with extra dimensions.

Thus without gravity everything can come apart. SD_1CME_1 is a huge mass of pulsating internal energy. When the Natural TRUE BIG BANG rang out into the outer-void what took place?

I'm glad my hand wasn't on that firecracker.

That is outlined in Article 1 and built upon in other Articles and will not be regurgitated (spit out) here. It will be finalized in Article 8 and the Epilogue.

There is one additional benefit of this Natural TRUE BIG BANG, and that lies in total momentum (Energy in Motion) that was touched on in the previous Articles.

Before the Natural TRUE BIG BANG angular momentum (Spin of the Origin Particle) existed because of the intrinsic (Induced by NATURE'S MEND) spin of SD_1CME_1 .

What current theory calls intrinsic spin (needing to spin but not really spinning) is wrong. And it doesn't even fit the Common Space definition of Intrinsic (Belonging to a thing by its very nature; essential; inherent). This is just more darkness in their theory.

Oops – this new theory just let NATURE spin, and SHE has shown SHE can spin it and SHE does and fits right into the Common Space definition of intrinsic.

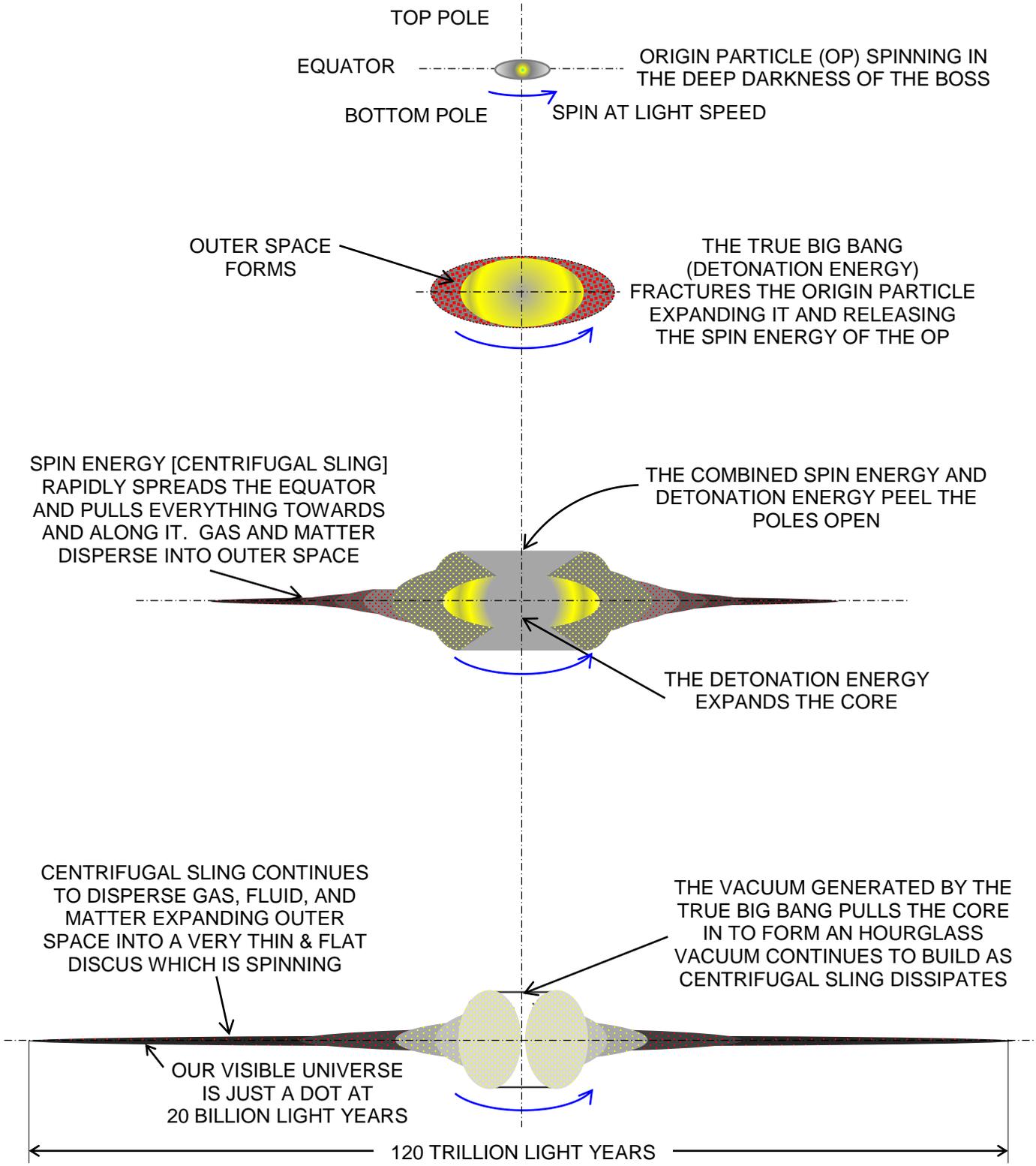
When HER Origin Particle blew up you have to consider both the angular momentum (Spin Energy – Centrifugal Sling) and the detonation momentum (TRUE BIG BANG Energy) in the shaping of the COSMOS which we touched on in Article 5 and 6. And the Centrifugal Sling energy could be magnitudes greater than HER TRUE BIG BANG Energy.

Considering that the angular momentum is at the maximum at the split in top and bottom hemispheres of the OP (at the OP's Equator) and zero at the poles what happens. The resulting disbursement due to the combined effects of the two momentums would result in a flat and circular shape, much like a discus in the Olympics. This was detailed in Article 5 with an external look.

Now we are going to detail it with a more internal look. See Figure 7.8 The Origin Particle Cross Sections TRUE BIG BANG & Aftermath [no formulas or calculations required].

Again, in the beginning of this new theory what we thought was a sphere has become a discus. NATURE'S MEND complete receipt edges ever closer.

NATURE'S MEND



THE ORIGIN PARTICLE CROSS SECTIONS TRUE BIG BANG & AFTERMATH

FIGURE 7.8

And with this discus spinning at high speeds it is very stable and uniform and COSMIC SUPERSYMMETRY is born. It's a natural occurrence in NATURE'S MEND.

And what is the shape of the UNIVERSE? What is the shape of our Milky Way? They are a flat discus with a bulge at the center. This will be discussed more in Article 8. But don't you think if NATURE has something that worked once SHE would use it at all scales of QUANTUM to COSMIC?

The focus here in this Article is finding the cause of gravity and how that relates to motion. And now that SD₁CME₁ has blown up we have more than enough commotion₃ [violent movement; agitation; turbulence] of stuff flying everywhere along the equatorial plain-plane in the beginning. Plain-plane is used to denote its flatness and its flying motion in a flat spin.

We can now begin to consider motion (the Dynamics) involving all Matter and Energy of the COSMOS. We don't need to impose anything on it or pull something out of a black hole, a rabbit out of a hat, or something out of our ass – a god Higgs Mechanism birthing a son of god Higgs Particle from extra dimensions or a stinky sink hole.

There is no mystery or magic it's just NATURE with Matter-Energy-and-Dynamics. And the name of the new theory becomes, "NATURE'S MEND for the UNIVERSE from Logical Simplicity Heretical Uncertainty Outer Space to Inner Space [Cosmic to Quantum]".

Let's finish the challenge on the current theory black holes.

For everything to come together through gravity you need a large mass at the core. But nothing is observed at the core, it's all been imposed by the current gods of physics through their theoretical sage-ness (spicing that is) of $E = mC^2$.

We've seen what happens when you actually apply $E = mC^2$ in the beginning of the current theory. Nothing! And nothing but a bunch of gas, in some form of a cloud, without external energy existed after their little big bang.

How could nothing without external energy have internal gravity? Remembering gravity doesn't exist at the core of anything because mass approaches zero.

How on earth, how in life, can they get everything from nothing? It's a brane-brain drain to insane and they should be sequestered into a padded room.

With the birth of the current theory, when they can't see into the black, and the observations indicate that it is a hole, it will be called a black hole. The properties of absolute mass and density will be imposed upon it so not even light can escape its gravitational attraction and everything of nothing can come together.

This is just another case of man-gods (generic) trying to impose their will on NATURE. And another blank remains in the understanding of current theory with its gravity. And the hangman has a body to dangle.

Life in physics, BULK₂, is about to change.

The physics of BULK₁ never changes; just our basic understanding about it in BULK₂ does.

Is there a Natural explanation for black hole gravity from NATURE'S MEND?

Anytime you blow something up what is left behind? There is a hole, whether it is in the ground or in space. That's why I never closed my hand and fingers into a fist around my childhood explosives; I wanted to remain whole.

By the way my son and I played with these explosives and we're both still whole. We would set up encampments of plastic soldiers and machines and attack each other's encampment. The encampment with the last plastic man standing was declared the winner. Awe, kids & imagination! We share our memories and smile and laugh these days. He's growing up and I'm a kid!

We also experienced weightlessness while flying with another engineer in his Cessna Tri-Pacer. My son at five years old was doing the flying after we got off the ground. I was hunched in the little back seat. I do mean hunched at 6'-3+" (1.9+ meters) I was crammed in. I called for him to halt his up and down plane waving for I was bordering on the need for a bag! I wrote a poem about the bag while on another flight!

You might wonder about a hole in space so here is a close to space Common Space example.

Have you ever seen the light of a lightning strike and counted 1001 etcetera? You might eventually here the thunderclap before you get tired of counting. I once heard the thunderclap before I seen the light, talk about one body shaking — hair-raising experience. It was the biggest fireworks boom I've ever experienced. Then a big blue ball of light appeared on top of a power pole just down from where I was at. Then the lights went out — around me.

Did the light make the noise or did something else? It was something else. It was the collapsing atmosphere into the superheated (10 times the surface temperature of the sun) hole left behind by the lightning strike passing through the atmosphere. It has to due with that Natural pressure differential.

The heat of the lightening [NATURE'S Plasma] made everything around its light expand leaving a void in space — a hole. And when the light energy was gone everything around the hole collapsed back into the hole with a bang, a thunderclap due to the pressure around the hole.

Is this a little sample of what NATURE has in store for us when we run out of light and pressure energy in the COSMOS? Maybe GOD is NATURE'S PRESSURE BOSS and will CLAP HER back together in the end?

It began with a TRUE BIG BANG; will it end with a TRUE BIG BANG? "And the first shall be last!" and the Greek alphabet uses A-alpha & Ω-omega. Or is it "The last shall be first!" for we're not sure where it all started. Is this more Ancient basic understanding? Did GOD clap HIS HANDS and form it all together before HE let HER grow it and blow it all apart?

When anything blows up a True Hole (a NATURAL void) is left in space, whether that space was matter or a gas in Inner Space or even near empty Outer Space.

In NATURE'S MEND a black hole is just that a hole in space, void of all matter and energy. Everything around the hole influences everything around the hole, and everything about the hole. And thus I have dubbed it a Dark Hole in this new theory.

Light goes into the hole and is bent through the hole by the boundary layer effects of everything around the hole. Just like light bends when it passes by the sun, passes through the invisible volume of the sun's boundary layer or a galaxy's for that matter.

You have to realize that the boundary layer effects are three-dimensional and wrap around the entire hole. The light going in actually goes in and comes out again. Nothing warped about it; it is just NATURE'S way of processing with a hole in space.

Light bending isn't the only M-EnD effect of a true hole in space. For all boundary layers have a component of the NATURAL Phenomenon of electromagnetism discussed in Article 6.

The motion of NATURE'S MEND Origin Particle blowup is very fast, maybe even faster than super hypersonic light speed in the beginning. And super hypersonic motion changes the effects of nozzles; it actually reverses them into a chock flow device reducing the velocity and increasing the pressure.

As COSMIC radio waves approach a true hole in space they are funneled along the boundary layer wrapping NATURE'S Dark Hole. This causes them to slow down; build pressure; and increase density and they exit with an amplified signal. And in Common Space today they have what appears to be a strong radio signal coming from the hole – a real hole in space in the “Really Real World” of NATURE'S Matter Energy aNd Dynamics.

What they think they are seeing and hearing in current theory black holes isn't what they are really seeing or hearing from their hole for it isn't a real hole in NATURE'S COSMOS.

It's back to the Natural Dynamics of Matter and Energy in motion: its just NATURE'S way of processing the COSMOS. NATURE'S MEND bends the light about the Dark Hole so it goes in and comes out of the Dark Hole; and IT amplifies the EME waves of Outer Space through the Dark Hole and sends us a strong radio signal. Jets of plasma even shoot out of the Dark Hole.

It's not “DEATH BY BLACK HOLE”, it's DEATH of a black hole in current theory and LIFE of a Dark Hole in NATURE, by NATURE, for NATURE, a COSMIC TRUTH of HER Matter Energy aNd Dynamics.

The hangman keeps on adding body parts of the current theoretical guessing attempts searching for a way to fill in the blanks of gravity.

Here's a little more play with a current theory black hole and its partners the wormhole and the white hole. You hear some things about the wormhole. I think there has been a cable program called “Through the Worm Hole.”⁴¹ But, I can't recall ever hearing about their white hole. It popped up as I was scratching around for the matter of the form gravity in their black holes.

A wormhole is a current theory hypothetical passageway in Outer Space connecting a black hole and a white hole.

A white hole is a current theory hypothetical hole in Outer Space from which energy and stars and other heavenly matter emerge or explode: jets.

If we connect their black hole to their wormhole, and their wormhole to their white hole, what do we have? We have formed what looks like a cosmological hourglass so to speak.

What did NATURE just illustrate in the bottom of Figure 7.8 as the aftermath of the TRUE BIG BANG settled into an expanding UNIVERSE? It was a cosmological hollow hourglass – a Dark Hole.

A Common Space hourglass is a device that contains sand in one of two chambers with a very narrow neck connecting the two chambers. They are made of clear glass or plastic so that you can see the sand. It is a calibrated timing device. You turn the device upside down and the sand would flow from the top chamber to the bottom chamber. When all the sand had passed from the top chamber to the bottom chamber an hour in time had passed. There are really small ones used for egg timers with the sand flow period being only a couple of minutes.

The problem with the current theory [black hole] – [worm hole] – [white hole] hourglass is that the black hole has all of its mass inside the hole. Like a large marble inside a Common Space hourglass. The marble plugs the passageway to the wormhole connecting to the white hole. Thus there can be no flow from a black hole to a wormhole to a white hole in current theory. It's all lost in the darkness of the mass inside of their black hole. Thus time can't be measured or evaluated and is warped by the fabric of space-&-time. Current theory time had its own darkness in Article 5.

A current theory black hole, in and of itself, precludes (shuts out, make impossible, prevents) the existence of a current theory wormhole and a current theory white hole. And thus it precludes its own existence. See Figure 7.9 Current Theory Outer Space Three Hole Hourglass.

Whereas NATURE'S MEND one Dark Hole with its impositions due to the mass in motion around the outside of the hole allows flow through the hole and thus encompasses all three of their holes [the black hole - the wormhole - the white hole] in one Dark Hole. It's that spatial specialty of three again. See Figure 7.10 NATURE'S MEND Outer Space One Dark Hole Hourglass.

Let's look at star light and a NATURE'S MEND Dark Hole.

As a star drops into the NATURE'S MEND Dark Hole it slows down; the pressure increases; and the density increases. Because of the super hypersonic velocity conversion to super hyper pressure the light of the star is bent back into itself. The star becomes dark and disappears into the Dark Hole. It looks like a current theory black hole because light can't escape but radio waves can.

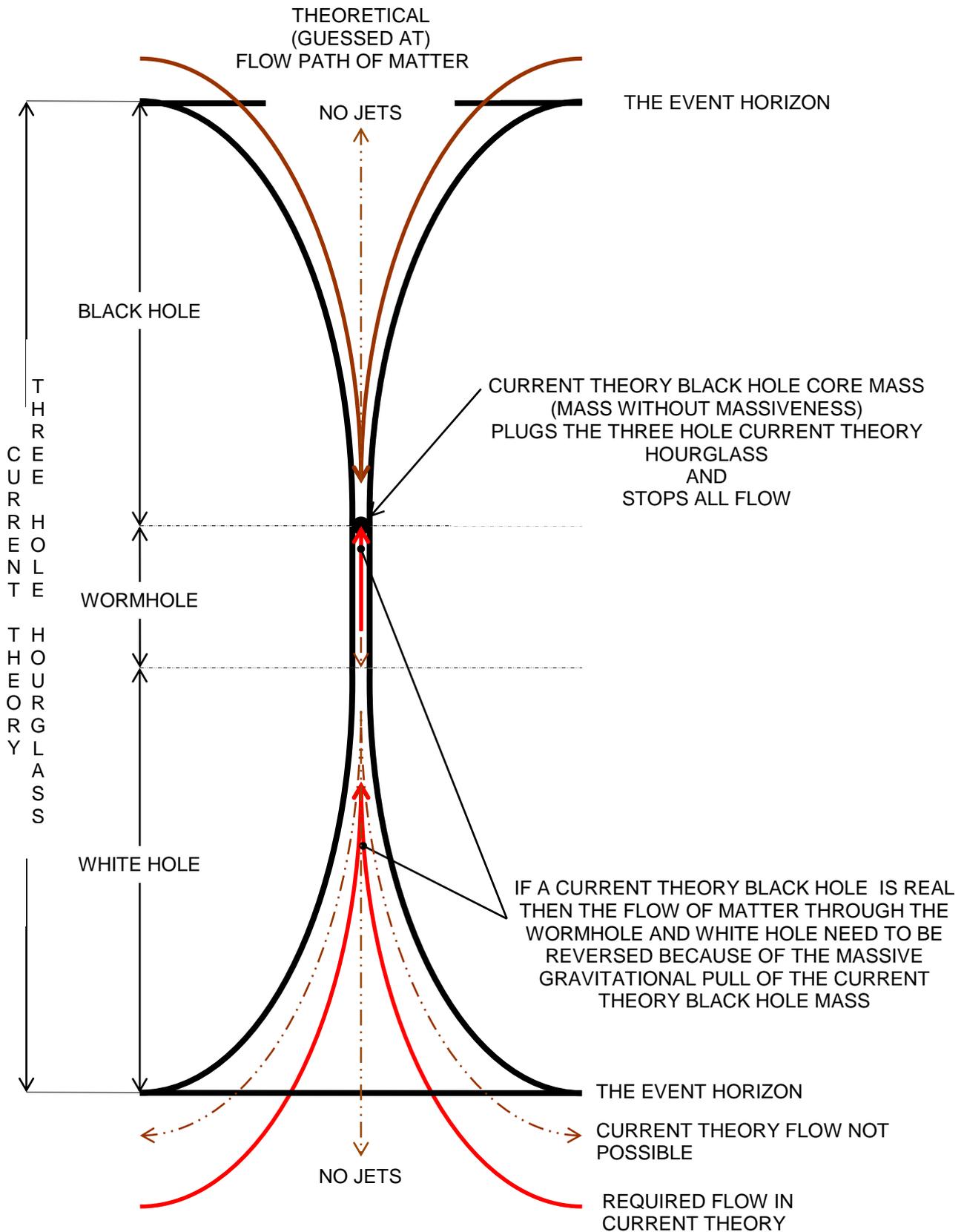
The star continues to the throat of the Dark Hole [the wormhole section] where maximum density occurs. This is where maximum mass with minimum massiveness occurs. Again what they currently theorize at the core of their black hole is explained by NATURE'S MEND Dark Hole.

The star then enters the expanding back [opposite] side of the Dark Hole where the star accelerates becomes light [lower density] again and is ejected out the white hole section. Because of the immense pressure the star might not show its light again for some time.

The star could be traveling at speeds that are multipliers of the speed of light "C" – let's say C^4 ($C \times C \times C \times C$). Thus it could remain dark in the night sky. The only way to see the light is from the backside - through the Dark Hole, or after it has been ejected far enough that it has slowed back down to radiate light in all directions.

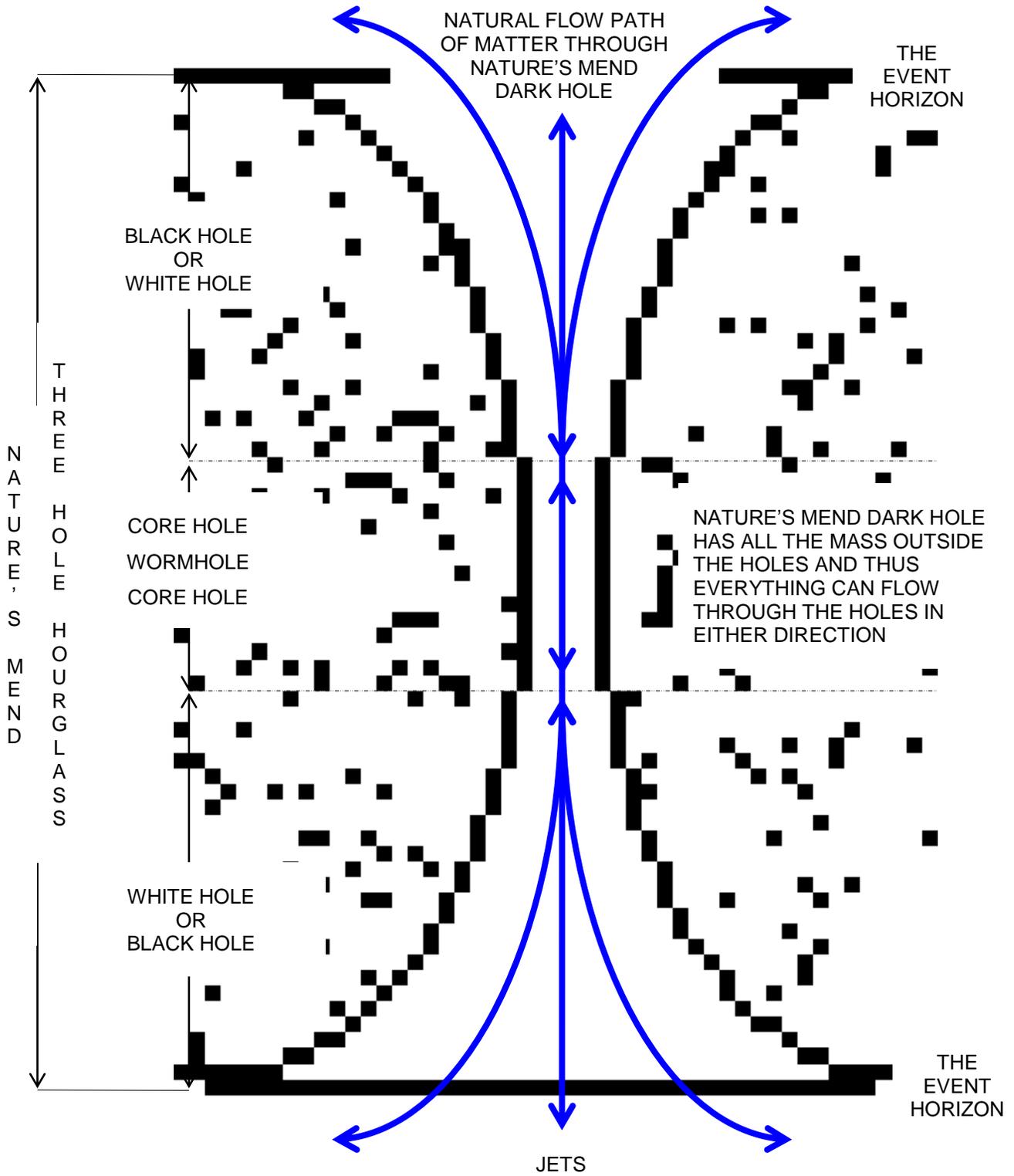
It's all about the entropy around the hole not the entropy in the hole. And nothing is lost for it all passes through the hole and comes out the other side along with adjustments to the hole and the WHOLE. NATURE'S MEND Dark Hole can expand.

The really cool thing about NATURE'S MEND Dark Hole is that it works the same in either direction. Light can go in the top of the Dark Hole and come out the bottom. Or light can go in the bottom of the Dark Hole and come out the top. The Dark Hole is symmetrical in all three dimensions and in actions and reactions. One could then call it a Super Symmetrical Dark Hole.



CURRENT THEORY OUTER SPACE THREE HOLE HOURGLASS

FIGURE 7.9



NATURE'S MEND OUTER SPACE ONE DARK HOLE HOURGLASS

FIGURE 7.10

And when there are interactions of material in the Dark Hole or even head on collisions of matter in the hole you can have jets exploding out of the hole. This is another common space observation in Outer Space.

This allows NATURE'S Dark Hole and WHOLE to change – to live and die – to be born or aborted. If you're wondering about aborted, think of it as not being formed. For in more Outer Space observations sometimes a hole forms and sometimes it doesn't. They don't know why. I'm speculating that it has to do with the total energy pressure of the Little Big Bang event of object detonation [implosion or explosion] and the WHOLE of everything around the event.

It's not a black hole; it's NATURE'S Dark Hole. Could anything be simpler?

Whether or not it was John Wheeler who coined the name "black hole" that will be left to others to speculate, it was John Wheeler who said, "Black holes have no hair."

Let me extend this to NATURE'S Dark Hole adding no skin, no mass, no life, no light; everything exists around the hole in the WHOLE about the hole and what passes through the hole. And that's why there's a bulge at the center of our galaxy and the center of the COSMOS. It's the hole left by the Bang event, fireworks explosion or object implosion which cause an explosion.

And the hole left by the bang is the whole of the three holes of current theory black-worm-white: NATURE'S Dark Hole. And because of its dark hollow Nature you can't tell the difference between black and white. Something we should practice in BULK₂. I will bet you GOD practices this in BULK₃.

What's next after the collapse [death] of the current theory mighty COSMIC and Galactic Ms-Mr Black Hole and its massive gravity driving force of the UNIVERSE and all other things of current theory?

They know that our viewable region within the COSMOS is expanding!

I think by now I can say this is obviously related to the continued outward momentum [BLEVE & Centrifugal Sling] of all the energy and remaining chunks of matter of SD₁CME₁ from HER TRUE BIG BANG penetrating the outer-void of nothingness [the BOSS], and of the energy effects of the Degrading Big Bangs [little big bangs] of our visible and invisible COSMOS forming an expanding Outer Space of the TCD [True Celestial Discus].

As I have said before, related to the slight positive energy pressure [dark energy] in Outer Space, there is not much BANG SLING – SLING - BANG [momentum duality] left.

There are some additional indications our viewable region is accelerating.

But is the WHOLE of the COSMOS accelerating or decelerating?

With nothing to slow down the objects at the outer surface of the True Celestial Discus, [the new shape of the Cosmic Stew Pod] no friction, they will just keep on moving faster in a thin flat spinning plain-plane of COSMIC Outer Space.

Or will they?

We will come back to this in a little bit.

Everything else is caught in the COSMIC Ocean, the Cosmic Stew Pod (CSP) – of the True Celestial Discus (TCD) of Matter, Energy, and Dynamics from EME Gas, GUF, particles to planets of galactic scale, even quasars (a heavenly object that emits powerful blue light and radio waves – EME GUF). But that is also covered in Article 1.

You see even quasars come from M-EnD and not black holes. They are just core materials of various Bangs continuing to fuse, traveling at hypersonic speeds, maybe near the speed of light, maybe even beyond as they burn out.

Time and motion and speed of light were discussed in Article 5.

This new theory gains life as blanks of the matter of the form of gravity are filled in and thorns are removed and the cause of gravitational darkness is revealed.

Another added feature of having everything in the beginning is that all that is inside the TCD is subject to the motion and dynamics of everything else contained by the TCD.

Once any surface is exposed to the TCD it will be affected and influenced by the dynamic motion of the mix of the TCD - the changing pressure of the TCD. Added to this is an eventual slow down of frontier material due to momentum sluffing [sloughing], as these objects spin back into the TCD at the expansion of the Surface of the True Celestial Discus penetrating the BOSS.

So everything will eventually slow down and come to a stop. The Whole of the COSMOS will eventually decelerate though it can look like it is accelerating in deceleration! Not because of gravity, but because of the Natural dissipation of Matter-Energy & Dynamics from the first TRUE BIG BANG through motion and actions and reactions of all other Bangs: the colliding of boundary layers of everything everywhere.

At the present time we can be accelerating in relativity, having nothing to do with gravity, and everything to do with boundary layer reactions of the seen and unseen of the WHOLE of the COSMOS.

Here is an experiment.

Have a party.

Take a flat disk of rubber and paint several round objects on it. Have enough people to stand side by side at the edge of the disk. Now have everyone pull on the rubber disk with equal force.

Watch as everything everywhere on the rubber disk accelerates away from everything everywhere. The very center does not move – its acceleration is zero. As you look at things from the center to the edge they accelerate faster and faster as you look further out.

Pick one thing to look at. Look to the center everything looks to be accelerating away from it. Not because they are, but because you are actually accelerating away from them because you are farther from the center and accelerating faster than they are. Now if you look at things outside of you things are accelerating away from you. Not because you're not accelerating, but because they are accelerating faster than you because they are further away from the center.

This observation will occur even if you begin to reduce the force [acceleration] pulling on the edge of the rubber disk. This means that the whole of the COSMOS can be slowing down

[decelerating] even though everything around us appears to be accelerating. And more darkness is explained with NATURE'S MEND.

Maybe we should be tracking COSMIC pressure and not viewable accelerations. The problem is that as the pressure energy of the whole of the COSMOS approaches zero the rate of change also approaches zero and becomes very difficult to measure: observable changes take to long.

At the core of the COSMOS there is a NATURE'S MEND Dark Hole, which has been at zero pressure or in all likelihood a negative pressure [true vacuum], since the TRUE BIG BANG, and it will suck everything back in when the COSMIC pressure drops to zero (when the spin energy and detonation energy are completely dissipated) [NATURE'S OP TRUE BIG BANG fireworks comes to an end]. And in that end SHE can start it all over again with another TRUE BIG BANG as everything collapses to birth a new OP. In all likelihood the suck has already begun and the core EME has been reversed and we have vacuum energy and magnetism working on the recovery of everything everywhere in duality.

We actually could be being sucked into a Dark Hole in NATURE'S MEND².

In all humility we may not be the first to have ever considered this. We may not even be in the top 1000 to have considered it. We may be in cycle SD₇₀₀₁CME₇₀₀₁. We will never know! Isn't it the Copernican Principle [we are not special] at its finest?

Has man even come close to NATURE?

They can clone Mary's little lamb, but they can't figure out how her lamb got here in the first damn place. They claim evolution, but then their stuck with the chicken and egg argument about which came first. If it was the egg there was no chicken to hatch it and it would have rotted in its shell. If it was the chicken, it would have died before it would have evolved an egg to reproduce.

We can extend people's lives, though there are many questions about the quality of that life. But we can't keep them from death.

We just don't know how to leap (¿) BULKS.

But we are coming close to leaping theories.

Let's come back to earth. We know that the earth is rotating; moving in orbit around the sun, and rotating in the solar system around in the Milky Way Galaxy. And it has a moon that is rotating around it. The minimal velocity of the earth is 491,000 miles (790,000 Km) per hour and can reach as much as 625,000 miles (1,006,000 Km) per hour within the Milky Way Galaxy.

A nano feel for this motion and dynamics is if you have ever been in a car and met a semi on a two-lane highway. A motion is imposed on the car and semi by the collision of the envelope of air moving around each of them as they speed down the highway, meet, and then continue on in opposite directions.

If you're in the car you feel a jostle away from the semi (a compression of your boundary layer), which is an effect of momentum.

And at say speeds of 55 miles (88.5 Km) per hour for each vehicle the combined effect generated can be related to 110 miles (177 Km) per hour.

This envelope around the object is scientifically called the boundary layer and relates to the shape of the object and its speed in space and the contents of the Outer Space around it. See Figure 7.11 Common Space Colliding Boundary Layers.

The Outer Space is not void space, but space containing some materials such as bugs, dust, and water vapor on earth, and dust in Outer Space. All of which is made up of atoms, of particles of quarks and electrons (basketballs and ping pong balls).

One must realize that after NATURE'S TRUE BIG BANG and billions of Little Big Bangs, Outer Space is no longer void-space, but is full of matter and energy in motion. There is a lot of stuff to bump with and form boundary layers. The fog [gas clouds] of Outer Space is some of this stuff.

No doubt some are snickering at the nano measured density [matter per cubic volume] of the current COSMOS. But, I would rather have a little something from everything, than a little or even a lot of something from nothing. Because a lot of something from nothing is nothing at all: like the basic understanding of current physics theory.

The density of space and the accumulation of stuff will be touched on shortly.

Mass comes into play when changes occur to the boundary layer and you want to measure or calculate the change. And that adds to why the car feels more of the effect than the semi.

The continued effort to establish the cause of gravity in this new theory will focus on the dynamics and motion of objects in space and what happens inside their boundary layer and what happens outside the boundary layer and even what happens across the boundary layer.

If the effects of gravity can be replicated with this thought experiment, then maybe gravity is just that, an effect of an object due to its motion from the dynamics of NATURE'S SPINNING and TRUE BIG BANG and subsequent Spinning and Degrading Little Big Bangs, and mass is only relative.

An additional thing that comes into play is the Natural contribution of material to the boundary layer from the planet it contains. This pertains directly to earth with its water vapor contribution, though the energy source for the vaporization of the water is external: from the sun.

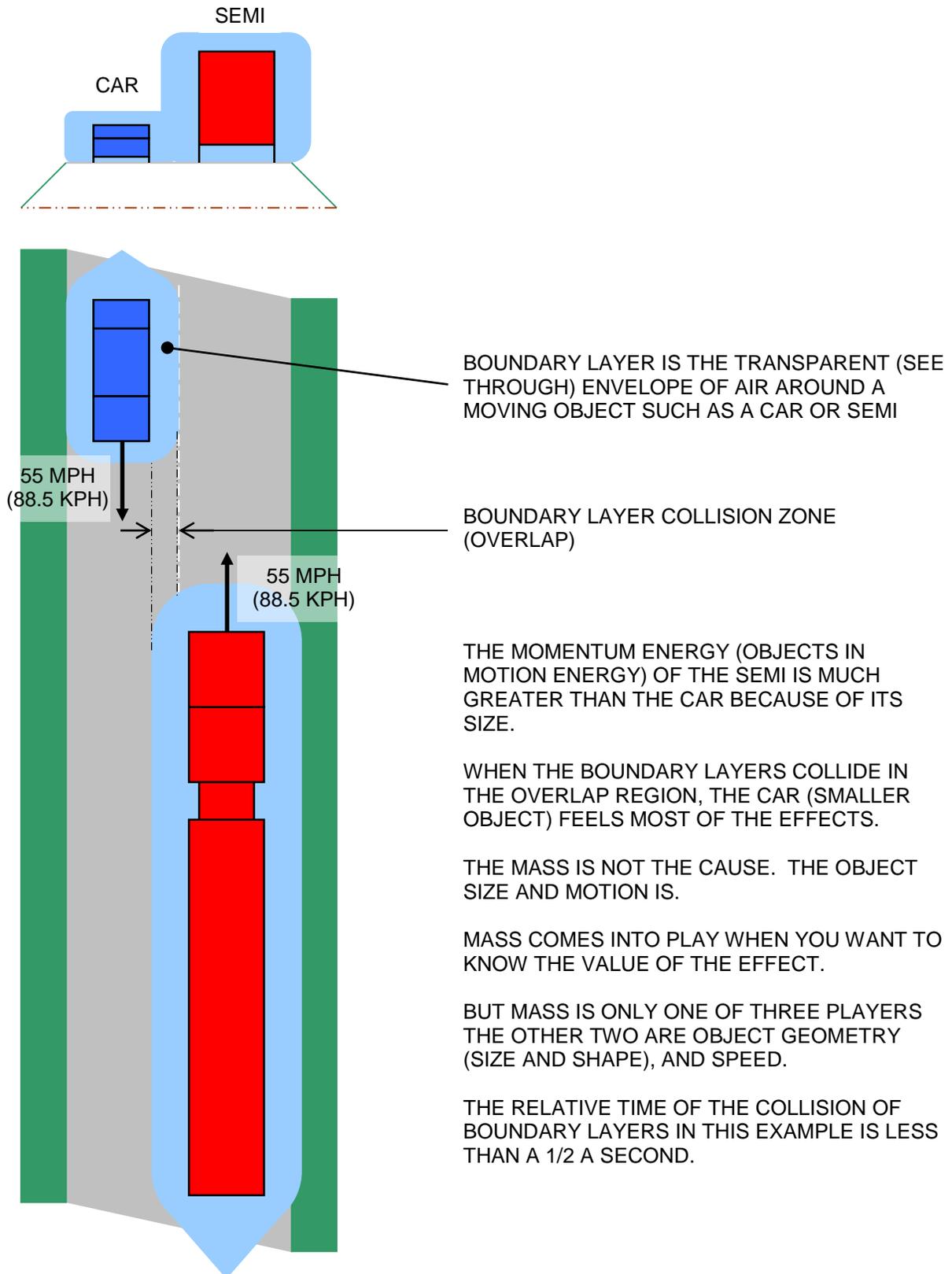
So, external energies can add to the boundary layer conditions of an object in space as they did with gas clouds and star formation in Article 3.

Not a simple calculation or simple computer modeling set up.

That's why for this Article it will remain in the realm of thought experiment.

If you research earth in the World Book Encyclopedia you will learn earth has a boundary layer called the Magnetosphere, which is shaped by the solar winds from the sun. Thus, more of NATURE'S Matter Energy aNd Dynamics matches with Common Space understanding. Earth's boundary layer protects us from lots of dark [unseen] stuff that could hurt us.

Additionally there are matter contributions from space itself, as commented on earlier, as particles travel through space. And when boundary layers balance they leave voids in space where these particles can collect. Current observations confirm this, though they're thought to be points of gravity balance, and are known as Lagrangian Points.



COMMON SPACE COLLIDING BOUNDARY LAYERS

FIGURE 7.11

Also what happens when something is moving in something else? It goes back to the first, fourth, and last Article and the phenomenon of electromagnetic energy. Charge is built.

But NATURE likes to be in balance so there must be a Natural effect that balances charge. And what do we have and what have we seen from earth and space but the dissipation of charge through lightning strikes to earth and into space: NATURE'S naturally occurring plasma.

Plasma is a highly ionized gas by the way. Origin Particle core gas and other core gases [EME] burning up into entropy.

Understanding NATURE'S MEND touches on weather and what is happening across our boundary layer.

NATURE is M-EnDing a Natural balance of our seen and unseen Universe. SHE will fix and repair anything we can do to HER for SHE can completely recycle HERSELF. I can't say the same thing for GOD relative to our souls – HE could, I'm just not sure HE would recycle each one of us?

In all Humility SHE has more to do with Global Climate Change than we do?

This means there's not much we can do about changing it. It's like trying to piss into the wind and not get tinkled on! Not a shower I would ever want to have. Even as windy as North Dakota, USA is I've been able to avoid this spatial special experience.

If the density of Outer Space is extremely small we have to be moving very fast. Then we will have enough Outer Space gnats hitting the windshield to influence our vision.

As the earth spins at 1000 miles per hour (1609 KPH) with a mass of 1.32×10^{25} pounds (6.0×10^{24} Kilograms) we have a boundary layer influence of 1.32×10^{28} (9.6×10^{27}). The units involved are mass-velocity. Now if we accumulate the orbital velocity around the sun of 66,000 miles per hour (106,214 KPH) we have a boundary layer influence of 8.712×10^{32} (10.3×10^{32}). The units involved are mass-velocity². And if we include the circular velocity in the galaxy of 558,000 miles per hour (897,989 KPH), we have a boundary layer influence of 4.86×10^{38} (9.2×10^{38}). We are beyond Inverse Planck Scale size. The units involved are mass-velocity³. It would be like putting three balloons inside each other and filling the outer ones with more pressure: the pressure of the inside ones will go up. And if you're on the inside balloon you can't see the influence of the other ones,

Maybe we should have included solar system mass in this last calculation?

One may question the multiplication of velocities, but at super-hypersonic speeds, as mentioned earlier bizarre things can take place. And it is a thought experiment into the bizarreness of gravity after all. Maybe it relates to Heisenberg and the uncertainty of measured mass and its velocity under these circumstances?

What's interesting is that NATURE never [yes: never] measures anything; SHE just does what SHE wants; the way SHE wants; when SHE wants; where SHE wants; how SHE wants.

It is man who measures to establish constraints or limits. That's what atom smashing experimenting is doing. If a machine has only so much energy it is constrained and its results are limited. So too are the atom smasher drivers basic understanding limited.

Compare the LHC atom smasher at 14 TeV to the sun. The 14 TeV is equivalent to 22.4×10^{-7} Joules. The sun's discharge energy is 36×10^{25} Joules per second. Just for shits and giggles let's drop the seconds and compare the ratio: $(36 \times 10^{25}) / (22.4 \times 10^{-7}) = 1.61 \times 10^{32}$. How much more can the sun at its core do than the LHC? How much more can NATURE'S MEND Origin Particle do at HER Core than the sun at its core? How much more can NATURE'S MEND Origin Particle do at HER Core than the LHC? Score one more for NATURE'S MEND.

From the last article - what's interesting to note is that the LHC doesn't seek to bash one proton into one proton but bundles of protons into bundles of protons. I think it is 2,808 bundles each containing 1.15×10^{11} (115 billion) protons. Which results in 2,808 bundles x 115 billion protons/bundle x 3 quarks/proton and thus they are smashing 9.68760×10^{14} (968.76 trillion) quarks.

That's like trying to instantly track each person on earth if earth's population was 138,394 times larger than it is at 7 billion people particles. No wonder their god particle showed up for it is only 378 quark masses. They should have seen 2.56 trillion god particles in one smash up. But it takes billions if not trillions of smash ups to find just one. You're at least 14,000,000,000,000,000 [14 Trillion] times more likely to win the Power Ball Lottery. They have spent billions upon billions on a draw – a chance of hitting it so I **guess** it should have shown up.

They are gods: they can claim anything they want; anytime they want; anywhere they want; anyway they want because nobody wants to challenge them. Will they do anything to protect their mega-billions jackpot of funding at all costs to the "Really Real World"? Or are they just lost in space³ [Inner Space x Common Space x Outer Space] and all their lack of intuition and basic understanding?

How can they be certain for their own uncertainty principle says they can't?

The uncertainty is if you are measuring lights intrinsic brightness [charge] how do you measure its velocity or movement or mass with any accuracy? And something is amiss in the current theory, observations and experimenting.

Isn't our momentum influence supposed to be mass-velocity² with the absoluteness and transference of $E = mc^2$? However, if it is mass at speed (velocity) in the LHC loop and it's being accelerated (changing direction because it's going around a curve in the LHC loop), which is velocity² it can be Velocity³. Is this more of the spatial specialty of three again?

NATURE'S MEND momentum influence above is beyond the inverse Planck Scale by 100,000 times. And some even push, the speed of the envelope a 1000 times beyond this to the very edge of the speed of light.

From an earth perspective we are travelling well beyond an inverse Planck Scale ratio when it comes to the effects felt while meeting a semi riding in a car.

If space has any density at all our velocity will cause it to impact our boundary layer.

What is it that collects at Lagrange points L4 and L5? Space junk, both Natural and manmade!

Why does water run uphill on your windshield while driving in the rain or washing gnats off it? It defies gravity, but not local boundary layer effects.

Yet this very example exemplifies gravity's weakness and the strength of boundary layer effects (dark energy) – have you ever seen a boundary layer in the COSMOS?

From an earth relativity perspective we are the inside the earth balloon. Our balloon could be influenced by the outer most balloon of NATURE the TCD and even the balloon sphere of the HANDS of GOD the BOSS.

Maybe dark energy is “Really Real World” Futs Krad; a reflection of the pressure of NATURE’S MEND BLEVE and Centrifugal Sling of all invisible boundary layers [balloons] compressing against each other. And as this compression dissipates our COSMOS accelerates its expansion. Though, a change in the rate of acceleration may not be measureable as the whole decelerates.

Maybe dark matter is “Really Real World” Futs Krad; a reflection of NATURE’S MEND BLEVE and Centrifugal Sling pressure of the compression of the boundary layers of the galaxies moving through space causing the objects of galaxies to be closer than current theory gravity can explain.

Thus, both dark energy and dark matter again become explainable components of NATURE’S Mater – Energy – aNd – Dynamics in this Article as they were in the previous Article.

And the hangman keeps on collecting body parts for the guessing in current theory.

What does the boundary layer of earth look like?

We will look at the first two influences, atmosphere and our magnetic tail and speculate on other unseen influences.

It’s back to Futs Krad and Article 5: everything seen and unseen having dynamic effects of motion on everything seen and unseen.

How do we know what we are seeing and aren’t seeing?

And as everything in our solar system is influenced by everything else, and the velocities are within the same magnitudes of the speed of light, it all comes down to the object size remaining after the TRUE BIG BANG; subsequent degrading bangs; and Centrifugal Shred of its spinning.

Because the objects are generally spheres, size [volume] has more to do with boundary layers than mass.

Mass comes into play with the dissipation of the objects momentum in Outer Space. Smaller objects maintain their velocities longer, where larger objects slow down faster. That’s why comets and meteors fly by us [the earth] so quickly. And sometimes they don’t fly by, but crash into us.

And what is the basis for the effects of gravity, but mass. So, the basis for the effects of gravity is mass, and the cause of boundary layer effects is the dynamic motion of the volume of that mass in Outer Space.

So gravity is not a force on earth or on any planet. It is anti-gravity, the lack of accelerated motion within the boundary layer of the object in motion in Outer Space. The lack of motion of one standing on earth and why things fall to earth is the reflection we see of earth’s accelerated motion in Outer Space and has been called gravity. Gravity is a form of something but not the matter (force) of something. It is not the mass of the earth causing the form of gravity, but our size and relative accelerated motion in Outer Space

Current theory gravity is a reflection, a condition of circumstance, of the motion of an object in space, which involves, shape, size, and speed. That spatial special three and mass only comes into

play when you consider the relative influence of one thing to the whole. But when you consider the mass of the whole, any one thing is only a gnat mass and is very weak relative to the whole.

And if we can't see all the things influencing one thing, how will we ever calculate the actual influence in Relativity?

Because each and every boundary layer is directly related to size the greater the size the greater the effects, and *“That’s why Neil Armstrong can be seen bouncing on the moon.”* Another line snatched from the movie, *“Armageddon”*³¹. The size effect of the boundary layer of the moon is that much less than that of earth, so the motion is easier on less volume [less perceived mass].

Thus the cause, of the effect of gravitation, is size and accelerated speed, the energy and dynamics of the motion, of the object in Outer Space and every other object around it whether seen or unseen.

So the unseen velocity of the Milky Way's motion in the COSMOS has an effect on what we see. And the COSMOS' motion has even a greater effect on what we see.

It's not black holes, dark matter or dark energy; it's the interactions (a ratio of size, speed, mass, and separation – the Dynamics) of the boundary layers of Matter-Energy and Dynamics of objects in motion in NATURE'S COSMOS.

Now that we have provided an alternative explanation for current theory COSMIC black hole - gravity and touched on a few other COSMIC gravity items of wormholes, white holes, and dark matter, and even dark energy, and local gravity, let's consider a down to earth challenge.

Literally down to earth, for it is an absolute of Newtonian Physics and current theory that gravity causes the ocean tides. It is a good guess that we have all heard of the High and Low tides. But, what about the bimonthly Spring and Neap tides, which relate to the maximum and minimum of High tidal crests?

Is there a geometry and motion that could play a part in NATURE'S MEND and provide an alternative explanation for tides that does not relate to gravity?

First let's consider the outer surface of earth's boundary layer to be like an imaginary balloon. Now let's consider that everything inside this imaginary balloon is spinning induced by the internal spin of the earth with an equatorial velocity around 1000 miles per hour (1609 KPH), or Mach 1.3.

As you move away from the earth's surface you eventually reach a point where the relative rotational velocity reaches its maximum. Why else does the wind blow? Meteorologists call the motion of the wind around the earth the jet stream.

That is standing on the earth you feel no rotational velocity, but as you elevate towards the moon you pick up rotational speed passing through the point where the rotational velocity is at its maximum. Then your rotational velocity slows down and eventually reaches zero at the surface of our imaginary balloon.

The volume from earth to the imaginary surface of the balloon is the boundary layer of earth's rotational motion. Which is affected by earth's other velocities such as is orbital speed around the sun of 66,000 miles per hour (106,214 KPH), and by external boundary layers of other masses in

motion whether seen or unseen. This boundary layer interaction of compression has become the matter of the form of dark energy and dark matter in current theory.

A point of rotational velocity is critical for space travel and the cause for so much more heat generation on reentry than exit for a space vehicle. The exiting space vehicle already is in balance with the boundary layer momentum of earth, traveling with relative earth speed inside earth's boundary layer. The space vehicle on reentry has to balance to the boundary layer momentum of earth speed so it can reenter. And because the boundary layer is a curved surface the angle of reentry becomes critical in balancing momentum between earth and the space vehicle.

These calculations require lots of Goliath math.

If momentum is not balanced within certain limits [angles] the space vehicle can be deflected away or melt down on reentry. And understanding M-EnD boundary layers in NATURE fits with actual real life Common Space experiences. Another blank is filled in against the hangman.

And isn't it interesting to note that the earth spins faster than currently operating commercial jets fly.

How can we fly at all? Gravity can't explain this. Gravity can only explain the downward pull on the plane.

So all you need to fly by gravity is an upward lift, an anti-gravity skyhook. Remember the free-body diagram discussion earlier.

If its only gravity acting to pull Goliath to earth and you separate Goliath and earth, the force should be down on Goliath, which requires the force of gravity to be up on the earth. See Figure 7.12 Free-Body Diagram of Goliath Enslaved to Earth by Gravity.

But, in current theory, gravity acts towards the center of mass, which is the opposite of our free-body diagram analogy in the lower half of Figure 7.12. So the force of gravity must be up on the body and down on the earth to comply with current theory. See Figure 7.13 Current Theory – Free-Body Diagram of Goliath Being Freed From Earth.

This would mean that Goliath and all of us should be levitating, because there is no rope to tie us down. Seen any body levitating lately? That means everything should be levitating and the COSMOS should be one big gas cloud. It's just the weakness of gravity as a force. Oh, that's the way it was in the beginning of current theory before their black hole gravity was inserted.

Maybe it's not a force at all?

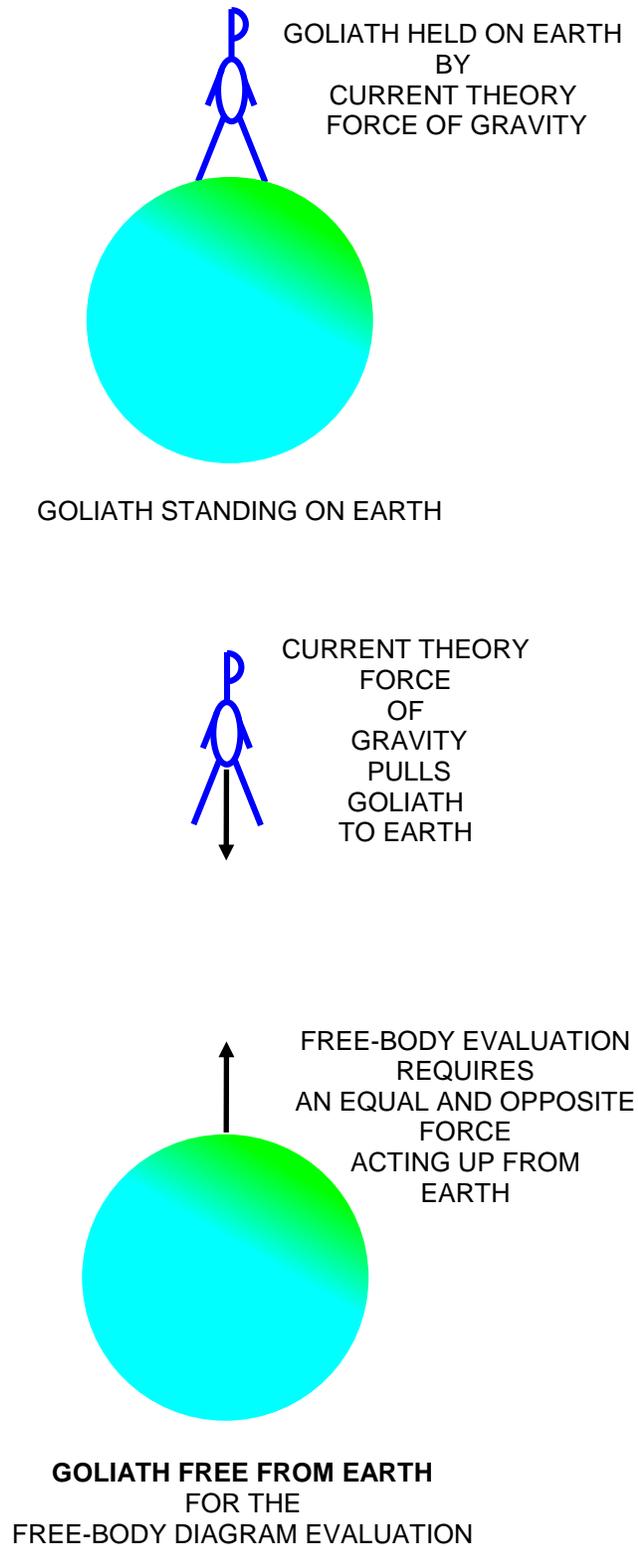
We saw some of its reflection not long ago in this Article and at the end of the previous Article.

No doubt some will argue that Goliath has gravity due to his mass, but it is way too small to resist the gravitational push of the earth.

Our bodies are mostly water, why can't gravity spread us out like a puddle (a Scottish dub) on the face of the earth?

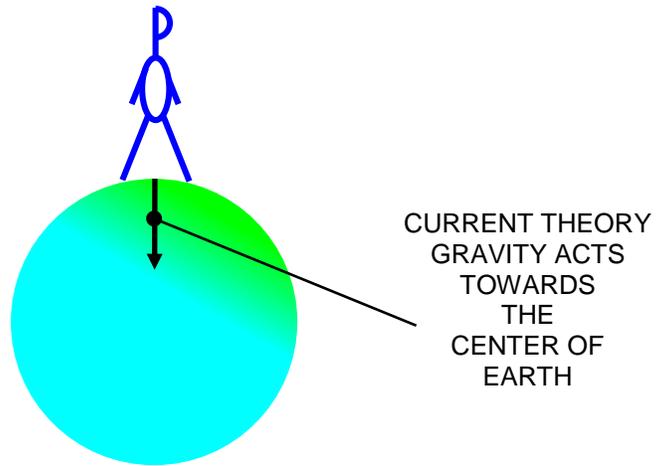
Something else is the matter with the form gravity: of what we see on earth. What could it be?

Could it be a velocity profile across our boundary layer?

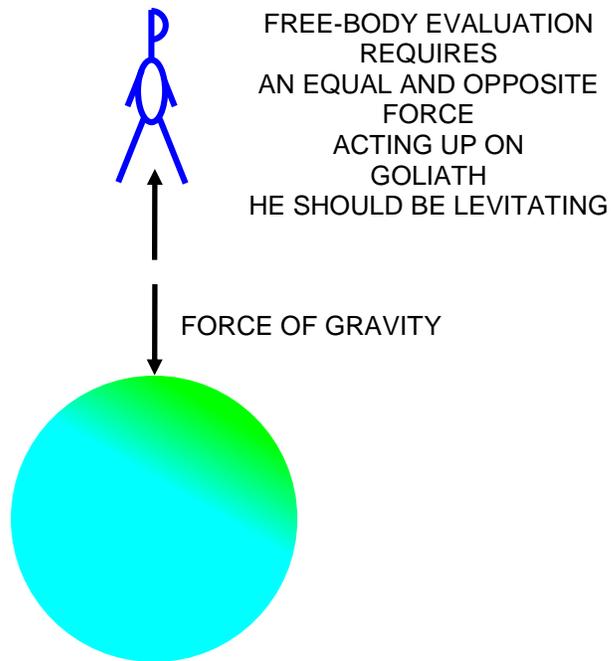


FREE-BODY DIAGRAM OF GOLIATH ENSLAVED TO EARTH BY GRAVITY

Figure 7.12



EARTH MASS GRAVITY ENSLAVES GOLIATH



**GOLIATH FREE FROM EARTH
FOR THE
FREE-BODY DIAGRAM EVALUATION**

CURRENT THEORY - FREE-BODY DIAGRAM OF GOLIATH BEING FREED FROM EARTH

Figure 7.13

What about other motions of the earth like our velocity around the sun? And all the other velocities futzed with in Article 5?

We will return to earth and start from there.

Remember standing on the earth you don't feel the motion of the earth.

What is the motion of the earth? We know that it spins equatorially at Mach 1.3. Mach 1 is equal to 750 miles (1207 Km) per hour.

The earth also rotates around the sun at Mach 88 exceeding the current published velocity of any man made aircraft by a factor of almost 30, and also the velocity of rockets.

It also travels around the Milky Way at an astounding Mach 744.

And what about its rotation in the Universe could that be Mach 2,200?

Einstein and his sages profess that we are all travelling at the speed of light or Mach 900,000.

Why standing on earth do we not feel any of this motion?

And why don't the oceans flow continuously across the earth and erode everything away?

Gravity in its current form is too weak to hold them, in place.

Remember the water running up the windshield at 50 miles per hour or Mach 0.07.

Again something else has to be the matter with the form gravity of what we see on earth.

And the hangman keeps adding body parts to current theory gravity. I think we are adding limbs now. The current theory is awful close to hanging.

I believe it has to do with localized Relativity [Al-E was on the right train of thought] and boundary layer effects of CNPE ∇ M-EnD.

The Mach perspectives above, of earth's movements, are from outside the Celestial Discus looking in.

What we feel standing on the earth in NATURE is localized looking out.

It is all relative to our location.

When we look out we feel nothing, but see everything [that is what is visible] moving around us.

Today when astrophysicists see things influenced by the effect of gravity from things they can't see it has to be from some dark mass or some unseen dark energy. And we're back to their dark matter and dark energy causing it. We've touched on this darkness already.

However, one might even say that gravity itself is dark for the graviton particle that is suppose to communicate the force of gravity has not been found in all the searching with particle colliders

(gnat smashers). What they see and think they're seeing with these was discussed previously and in previous Articles.

We are talking about some big toys. They say, "The bigger the boys the bigger the toys!" So I guess we're talking godly toys like The Large Hadron Collider. Its racetrack rests on an area of over 90 square miles (150 square Km). Though, the track itself is small in relative comparison.

I have been involved in construction management and project budgeting and that had to be one white elephant racetrack budget. Formula One would be in Outer Space with that kind of cash.

Enough racing around in Space, let's get back to the form and matter of the thing "gravity" and the challenge of ocean tides. By the way there are also atmospheric tides. Ever seen one, felt one?

Before we consider boundary layer effects on ocean tides there is one more element of velocity that comes into play with our precious earth. Do you know what it is? It was indirectly mentioned earlier.

Solar winds from the sun, which contain particles. The velocity of these winds is estimated to be between Mach 1333 & 2666, which exceeds our projected speed in our Universe. Unless AI-E is correct and we are all traveling at the speed of light.

If we consider that all of the velocities of motion can have an external effect on our balloon then interrupting anyone or all of them would have the opposite effect.

Ever driven under a highway overpass when there has been a strong wind blowing from the side? If not, just let me say it tries to push you off the road when you exit from under the overpass. Ask my son, it is even worse when there is snow and ice on the highway in front of you.

Because all of the velocities associated with earth are beyond supersonic except for our spin, which spins just above subsonic, their flow profile around the earth cuts out a discus profile in line with the velocity vector (pointing arrow) of motion [the wind direction].

The complexity and interplay of these various velocities with each other will only be briefly touched on later [Too much Goliath math].

Therefore any disruption of any velocity vector [wind] should affect the path of our profile and the motion of the ocean of our balloon and everything inside. It has to do with momentum variations. Like riding on a roller coaster or going fast around a curve in a car or just being blown off the road.

For example an interrupted velocity vector would result in a movement of our balloon, in the direction of interruption, along the opposite direction of the velocities pointing arrow. Doesn't the earth wobble on its orbit around the sun? See Figure 7.14 Earth's Balloon Motion Around the Sun.

Figure 7.14 is not shown completely to scale. If the earth is drawn to scale at 1/2 inch (1.27 cm) in diameter (marble size) then the moon is to scale at peppercorn size. However the sun needs to be 54.6 inches (138.7 cm) in diameter instead of 2 inches (5.08 cm) as shown.

The distance between the earth and moon needs to be 15 inches (38.1 cm).

And the distance between the earth and sun needs to be 5,866 inches (14,900 cm).

It would be difficult to show and print it if where drawn to scale.

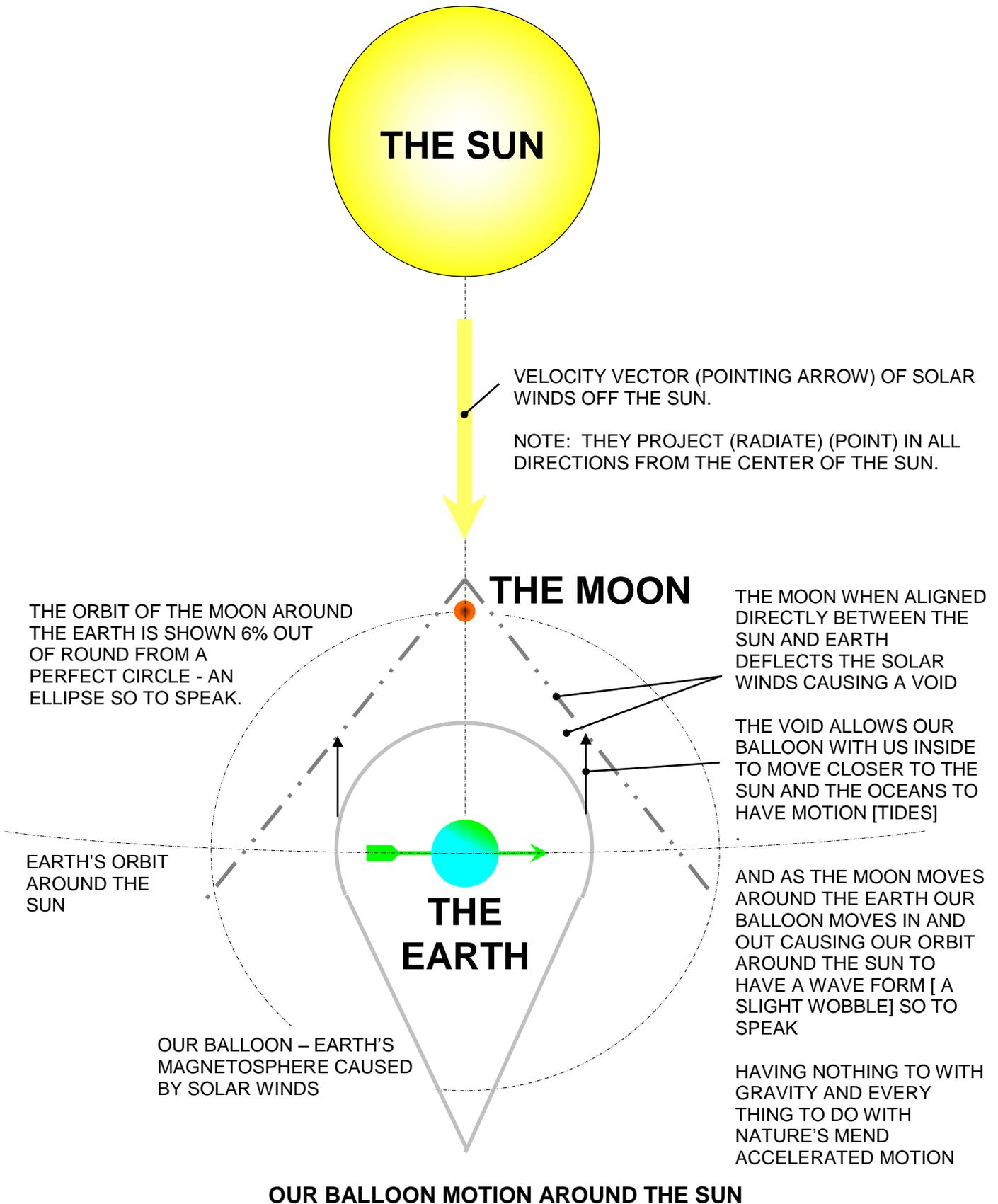


Figure 7.14

Because the moon is constantly interrupting velocity vectors in its orbit around the earth, the earth and moon are a binary rotating processing system.

However, the rotating speed is small compared to its directional velocities around the sun at 1/66TH, and way less when compared to its speed in the Milky Way and in the UNIVERSE. The external pressure effects keeps the system of earth and moon from rapidly flying apart.

Earth's wobble is just the Natural outcome of Natural momentum variations around our boundary layer as our moon goes around us and we go around in a circle (orbit the sun) and orbit in the COSMOS.

As we consider this and the boundary layer implications on tides in brief, just remember that we are dealing with five velocity vectors, which never act in concert and thus always have some altering affect (changing – accelerating the velocity) outside of earth's boundary layer.

This could even mean that our solar system has its own boundary layer and that is why the solar winds project radially from the sun and are not affected by the motion of our solar system in the Milky Way Galactic Ocean.

We see the effect of earths wobble currently thought to be caused by gravity, caused by boundary layer motion due to interrupted velocity vectors.

So is it gravity or is it boundary layer effects in motion of NATURE'S MEND?

Gravity acts towards the mass so how can it cause rotational motion about the sun? It can't!

But a sun centered solar boundary layer of a spinning sun, would cause the rotation of captured objects. And the rotational speed should decline in strength or imposed rotational velocity as objects are further away from the sun. A quick glance at our solar system shows that orbital velocities of the planets degrade (become less) as you move away from the sun.

If all of the planets were part of the sun before its Little Big Bang they could also be traveling faster than gravity can explain. It's just some current theory dark matter, right here at home in our solar system explained by NATURE'S MEND. Maybe that's what makes Mercury muse?

If light is bent by current theory gravity shouldn't the solar winds also be compressed and bent by the gravity within and around the solar system? Is something dark missing? And you can't measure the bending and compressing with equal accuracy per the Heisenberg Uncertainty Principle.

Bending of light is not a function of gravity, but a function of boundary layer effects as discussed earlier. It is just the weakness of gravity as a force, which translates to the weakness of the current theory. A compressed boundary layer allows a greater bending of light. Good night dark matter!

Can you begin to see that gravity is a form of NATURE'S Matter Energy aNd Dynamics and not the matter of the cause of why things fall to earth, or the origin of the COSMOS, or any part of the COSMOS?

Thus there is no mass to a Black Hole, which makes it a Dark Hole. Another current theory body part for the hangman.

For the purposes of tidal analysis and boundary layer effects we will consider the four extremes of the moon.

1. When the moon is in front of the earth. That is when the moon is inline with earth's orbit around the sun and is on the point of the arrow of earth's velocity vector around the sun.
2. When the moon is behind the earth and is in line with earth's orbit around the sun and is on the tail [the fletching] of the arrow of earth's velocity vector around the sun.
3. When the moon is between the earth and sun as shown in Figure 7.14.
4. When the moon is on the far side of the earth away from the sun.

To consider the first extreme, which relates to the Neap Tides (Minimum High Tides), the moon disrupts the 66,000 mile per hour (106,214 KPH) momentum effects of the motion of the earth around the sun. The moon interrupts and deflects the matter and energy in the pathway of the earth thus creating a void like it did in Figure 7.14.

Because of the hypersonic motion of the earth, the boundary layer of our imaginary balloon would push forward along the line of the earth's orbit around the sun. This change in boundary layer movement has a corresponding change in imposed momentum and the oceans respond by swelling at the shores: tides.

If you want to try this at home just lightly vary your push on a bowl of water as you slide it across the table. The water swells at the edges with each variation in push. You have just demonstrated the weakness of the combined localized gravity of the earth, moon, and sun; and the strength of your momentum variations.

However, for the earth and moon it is a continuous rotational motion process so the observed changes in the oceans are gradual - smooth. These Neap Tides occur along the line of orbit of moon and earth, which matches the effect of current theory tidal gravity.

Again, because of the nature of hypersonic motion, the reverse is true. When the moon is on the backside of the earth in line with the earth's orbit another Neap Tide occurs. And the second extreme of tidal motion is explained without gravity.

We need to realize that the solar winds at an average of 22.7 times faster than earth's movement are perpendicular to moon and earth's direction of travel and cause an opposite effect on the boundary layer. Meaning the effects should be less than normal or when the moon only partially interrupts velocity vectors. Which they are because these Neap tides relate to high tides that are lower than normal.

What happens when the moon directly disrupts the solar wind impinging on the earth as shown in figure 7.14?

Recall that the solar winds have a velocity of 15 to 30 times that of earth's motion around the sun. Thus disrupting these winds should have a greater impact on the movement of our imaginary balloon [boundary layer] and thus result in higher tides.

That is exactly what happens. And the tides are called the Spring Tides, which are higher than normal high tides. The third tidal extreme is explained by boundary layer motion.

Again when the moon is on the far side of the earth from the sun the same effect occurs. This again relates to the hypersonic motion of the solar wind flow pattern around spherical profiles such as planets. The fourth tidal extreme is explained by boundary layer motion and momentum interruptions.

Maybe a momentum model of our orbit around the sun would trace out our barycenter wobble? Its closer to a circle than an ellipse, but when you look close, the orbit weaves in and out. Yes, wobble not a loop-the-loop.

If earth did a loop-the-loop it would be one dizzy place, with a bunch of crazy people, kind of like the religious warriors fighting over GOD today, and current physics gods in all their warping darkness and extra dimensions.

Thus at any other point between the two extremes of Spring and Neap Tides the moon causes a disruption of a portion of both solar winds and earth's orbital winds and the tides rise and fall between the two extremes.

NATURE'S Matter-Energy & Dynamics of object boundary layers is the matter (cause) of the form of gravitational tides through boundary layer motion and momentum interruptions.

NATURE'S MEND [energy motion] is the cause of the effect known as gravity. It is the matter of the form gravity.

Thus gravity is only a form of something and not the cause. Gravity has no force!

The hangman has hung the current theory gravity out to twist in the wind of change, the spirit of Aristotelian Logic, by hanging Cosmic Gravity – Black Holes, and local gravity – tidal effects out to twist in the wind.

Another aspect of boundary layer effects and the earth and moon, though it is speculation at this point, deals with the rotation of the moon.

Remember gravity pulls on things, and boundary layers induce motion. Could the boundary layer matter of earth cause the motion of the moon? The interesting relationship is that the moon rotates about its axis at the same rate that the moon orbits the earth.

Is the moon captured in the earth's boundary layer?

Is the boundary layer of earth dragging the moon along?

Could this same cause be the matter of motion in our solar system and other satellite and planet relationships, and binary star systems?

Could this replace AI's relative explanation of the motion of Mercury?

What does gravity have to do with this dynamic motion? Nothing, thus gravity is truly only a form of something much greater and grander. The Naturally imposed Boundary Layers of NATURE'S Matter-Energy & Dynamics of the Centrifugal Sling and TRUE BIG BANG BLEVE Energy and subsequent momentum effects of Little Big Bangs of all matter in motion of NATURE'S COSMIC OCEAN the TCD [TRUE CELESTIAL DISCUS].

NATURE'S MEND interacting Boundary Layers are the current theory Dark Energy and Dark Matter of the COSMOS because you can't see the boundary layers interacting. And when they can't see it, it is considered dark.

Can the boundary layer effect be super –computed?

IT requires Galactic Goliath math in three spatial special dimensions constantly changing over time to model. And when you add in planet motion, solar system motion, galactic motion, and in all likelihood cosmic motion now, the task is beyond the best we have for we don't really know what we have in the COSMOS or how big IT really is, or what the COSMIC motion really is. And because IT changes constantly there is no way to mathematically write an equation for IT.

I have struggled linguistically trying to describe IT.

The best way to put IT is NATURE'S doing what SHE wants; the way SHE wants; when SHE wants; where SHE wants; how SHE wants without consideration of men's impositions on HER.

They applied gravity, and SHE just denied gravity.

A final note on the form of gravity, and boundary layer effects:

If the escape velocity for an earth exiting rocket ship is 25,200 miles (40,500 Km) per hour, which is less than 40% of the velocity of the earth around the sun what does this imply?

If we considered again that there are five velocities impacting the boundary layer of earth, some directly and some indirectly then there is imposed momentum energy on earth. This energy is not due to gravity, but the dynamics of motion.

Thus an alternative explanation for escape velocity of a rocket ship is that it relates to the momentum energy required to overcome the natural imposed momentum due to the motion of the earth and everything around the earth: the accumulation of boundary layer effects. This, by the way is related to the size [volume] of masses in motion in the entire COSMOS.

And we have more dark influences coming to the LIGHT in NATURE'S MEND. Nothing imposed, it just naturally occurs. Sounds like a repeating theme!

Then current gravity does not depend on anything for it is not a force; it is an effect of a totally different force. It is anti-gravity, which depends on the size of the mass and the energy and dynamics of that mass in motion.

And in 3 Physical Spatial Special Dimensions over Time in NATURE'S MEND the force of gravity does not depend on the enormous Planck Scale mass and the hierarchy problem is solved. And thus there is no re-scaling over a probability function in an extra dimension, or a need to seek branes and bulks to explain the weakness of the form gravity.

Gravity's force weakness just occurs naturally.

For is there anything weaker than a force that doesn't exist?

Gravity is a reflection of size-mass and a form of momentum energy, but not the cause or the matter of momentum energy and thus it really truly is AG (anti-gravity). That again goes back to CENTRIFUGAL SLING and the TRUE BIG BANG BLEVE and subsequent Degrading BIG BANGS.

Why else would there be a positive measurement to the pressure of the vacuum of space? Vacuum being somewhat of a misnomer, because it is a reference condition to atmospheric pressure at sea level as discussed previously.

NATURE'S MEND net COSMIC pressure is positive due to intrinsic spin momentum & detonation momentum released at the TRUE BIG BANG SPINNING BLEVE of HER OP.

Everything will move, but locally (Solar and Galactic) containment can remain.

You may see localized accelerations within the deceleration of the COSMOS. That is until the COSMIC pressure drops to zero.

A better way to say it would be, "Why else is there a pressure in the True Celestial Discus that is slightly above absolute zero?" It's because NATURE'S Matter-Energy-aNd-Dynamics of the OP BLEVE and CENTRIFUGAL SLING are still dissipating.

This momentum induced pressure may also correlate to the expansion taking place in the COSMOS. IE: the boundary layer of the COSMOS or what is noted as the True Celestial Surface will expand until the TRUE CENTRIFUGAL SLING & BIG BANG pressure drops to absolute zero.

This is because at the condition when Cosmic $P = 0$ within the True Celestial Discus the balancing effects of neighboring boundary layers are lost. When that happens, sorry to say, all hell will break loose: a COSMIC Avalanche not because of gravity, but because of vacuum energy and reversing electromagnetic energy from repulsive to attractive and everything everywhere will be sucked in.

Maybe the Hubble telescope is giving us some localized pictures of this?

As it was in the beginning it shall be in the end, as "The NATURE of radiation from quasars indicates that the universe was once much more violent and energetic than it is today." NATURE'S MEND and its TRUE BIG BANG were much more violent with greater COSMIC pressures in the beginning than what we see today. And SHE will be again in the collapse of every thing. This new theory is supported by Outer Space observations from Common Space.

Then it is absolute conjecture as to what happens, but from Article 1 and the True Dark Hole at the core of the COSMOS it starts over. And it is just the beginning of the end of another cycle of NATURE'S Origin Particle in SD_nCME_n : $SD_{7002}CME_{7002}$: the CONSERVATION of all M&E (Matter and Energy) – In NATURE – By NATURE – For NATURE.

In conclusion, everything in the COSMOS came from everything in the Origin Particle.

Boundary layer effects of objects in accelerated motion, through CNPE ∇ M-EnD, allow everything to be influenced by everything else; everywhere else; seen and unseen, without the exchange of a quantum graviton or anything else.

It is just the Matter - Energy & Dynamics of NATURE'S conglomerates in accelerated motion.

With everything affecting everything everywhere the Anarchic Principle falls into place on a COSMIC scale.

With that COSMIC Supersymmetry of NATURE'S MEND is established.

And space and time are independent and we are living in a COSMOS that is three-dimensional everywhere at all times.

CNPE ∇ M-EnD, it just naturally occurs as NATURE runs the COSMOS with Natural Processing & Engineering through the *Physics* of Matter – Energy & Dynamics.

It was after all, Aristotle who defined the Philosophy of NATURE and the study of things that change as *Physics*.

Can there be a change in Current Theoretical Physics today?

Can we reverse 100 years of uncertainty and warping of spacetime with gravity?

Or are we beyond that because of a new god's declaration that, "*Brand-new theoretical discoveries about extra dimensions have irreversibly changed how particle physicists, astrophysicist, and cosmologists now think about the world.*"

Have similar statements not been the chink [down-fall] of other gods?

And along comes a process engineer from far beyond leftfield, completely outside the ballpark, that looks at the WHOLE THING as a Simple and Elegant three-dimensional changing work of NATURE over Absolute Time, and reverses the warping of spacetime, extra dimensions, and gravity.

Where does it, where will it, or will it ever be considered in "*the joking adage in science that a new theory goes through three stages before being accepted; first it's wrong, then it's obvious, and finally somebody claims that someone else did it first.*"

Who gives a _ _ _ ' _ _ _ !

If it makes earth and the COSMOS a better and safer place, isn't that what's important?

It has extended into chemistry with quarks-e geometry of atoms! Maybe it can extend into medicine with quarks-e solutions to illnesses through the spinning of cell Inner Space and electromagnetic cell-gene therapy [the changing of spins]?

That would really make it GRAND for it can then jump from BULK₁ to BULK₂.

In theoretical endeavors is anyone truly wrong?

With all due respect to Mr. Albert Einstein - NO, because that is the bleeding edge of theoretical and those who are willing to step out into the beyond and not follow along.

It is only after time that anyone can turn around and use 20/20 hindsight and say they were wrong.

However, we must in all humility consider that if they weren't there leading the way we wouldn't have 20/20 hindsight in the first place.

Thank GOD for AI-E!

Thanks AI-E for leading my way and letting me dream that one-day I could walk with you in theory relatively generally and specially.

And what was AI's *equivalence principle*? "*Accelerated motion is indistinguishable from gravity.*"

But that doesn't necessarily mean they are the same or transferable. One can be the form (gravity) and one can be the matter (accelerated motion) from the *Physics* of Aristotle.

One can be the effect (observed gravitational effects) and one can be the cause momentum variations (acceleration – changing velocities) from the process engineering of a "CRAZY" man.

Because of all the multiple planetary circular motions the earth goes through [spin - orbit of the sun – orbit of the Milky Way – orbit in our Universe – orbit in the COSMOS] we are moving through Outer Space in a Universe of constantly changing accelerations. Accelerated motion is the way of our COSMIC Ocean and forms the effect of gravity that we see.

This is the dichotomy [division into two parts – form & matter] of gravity, which is the heart of this Article and AI's equivalence principle.

And thank you Dr. Lisa Randall for "WARPED PASSAGES" and the honesty and humility in maintaining the boundary layer between theory and reality. It gave me a refracting pool to reflect thoughts into and off of.

Also, please forgive me for I am a picky person and I have picked on you a little, maybe a lot, and I don't want to be lumped in with Lubos Motl and his specious thoughts about women in science. I made my own notes in your book when you mentioned him, "A mind has no gender reality when free. However, it can be subdued to believe so." "How sad men (not generic) really are!"

"Secrets of the COSMOS will begin to unravel."

I, for one, hope I can make a quarks-e contribution of two tiny particles in 8 lengthy Articles et al. [and others]!

Clearly there is a tremendous amount of modeling to do to launch this theory into applicability.

However, I believe it hurdles a humble struggle of Dr. Randall, "*The problem is that – like nearly all other theories containing strongly interacting objects – no one has yet found a way to solve many of the most important questions that will help us better to understand what is really going on.*" and begins to stitch the Planck Scale and COSMIC Scale Pictures together without gravity interference.

Naturally contained in CNPE ∇ M-EnD is all that frustrates current physicists and their theories of physics and the origin of the Universe.

It is so Elegant and Simple how can you ignore its BEAUTY?

Thank you for your precious time and consideration.

Secrets of the COSMOS have begun to unravel and I'm like a kid in a candy store: beaming and gleaming, and wanting to explore!

Just like my wrestling with GOD in life (BULK₂) for LIFE (BULK₃)!

Respectfully,

kevin I olson

PS: Let's take a moment to reflect on AI's Equivalence Principle for a restatement of strength before we adventure into the last Article and the Epilogue.

As stated in the end of this Article AI declared "Accelerated motion is indistinguishable from gravity". Thus NATURE'S Matter Energy aNd Dynamics can be the matter [cause] and gravity can be the form [the effects] of NATURE'S MEND. Thus gravity does not have to have a force associated with it.

If we digress back to Newton as he contemplated the object falling to the ground, did he consider the equivalence of his motionless state on earth with his hypersonic motion in the COSMOS; and the effect it would have on the earth and things around the earth and apples inside the atmosphere of the earth?

Not likely!

It took another 200 years before AI-E formulated the Relativity Principle.

It's like forgetting to write down an ingredient when a friend shares a sophisticated recipe with you. After going home and trying to make it, you wonder why it doesn't match in flavor. And no matter what you try nothing works to fit the original matter [flavor].

Like the current theory form force of gravity never being able to fit the matter of cosmological accelerated motion in Aristotle's Physics.

And strings try to implore gravity with a force graviton of spin-2.

But if you think about it nothing in NATURE can spin beyond 1. If something does have a 2 spin it is just a 1 spin in half the time.

You see, we are so use to fixing time in revolutions of an object we never think about fixing spin and varying time.

For example the earth spin is $1/(24 \text{ hours})$ nominally or 1/day.

Your car engine spin is nominally $1/(0.03 \text{ seconds})$ or 2000 revolutions per minute.

The earth's orbit (sun spin) is $1/(365 \text{ days})$ or 1/year.

Hence man can make the spin anything they want beyond 1 by multiplying both the top and bottom of the fraction by any same number [10, 16.785, 999.999]. For example $1/0.03 \times 10/10$ equals $10/(0.30 \text{ seconds})$ or 33.3 revolutions per second and the car engine spin still works out to be 2000 rpm (revolutions per minute) by multiplying 33.3 revolutions/second by 60 seconds/minute.

And NATURE doesn't care what man does!

SHE does what SHE wants; the way SHE wants; when SHE wants; where SHE wants; how SHE wants without regard for those gnat ants on HER ASS: both literally and metaphorically.

For they are always picking on and biting at HER, and trying to claim they are responsible and SHE is absurd. Like it is with current theory physicists thinking that quarks and electrons are not really spinning in the “Really Real World” of NATURE and then calling HER Absurd in their darkness [lack of basic understanding] in Inner Space when they can't explain HER with grace. AI told them to be careful.

Or like man being responsible for climate change!

I think by now it should be clear that NATURE can change faster than we can even spin a tale, thinking about it. Though Al Gore spun a major tale – fictional story claiming we were responsible for it! Oh, I think he had some cow-gas [animal farts] being a major contributor.

But, if they told you the truth it would scare the shit out of most.

If you wrestle with GOD one on ONE there's no need to be scared.

With gravity gone and a GOOD WOMAN & A GOOD MAN on my side I can move on.

Now for the last Article by this “CRAZY” man with this crazy theory spinning with NATURE.

GRAVITY – ITS Reflection – Maybe ITS Origin not an ENERGY or FORCE but a Condition of Circumstance

QUANTUM JUMPING ~ LEAPING THE GAPS ~ IN & OUT

**“Over the PARTICLES ~ through the Strings ~ to NATURE’S HOUSE we will GO”
Letting HER WAYS MEANS & METHODS build HER GUT from HEAD to TOE
Then the WHOLE, the GET and ultimately UGET it in the END
(26-Apr-08)**

How big are you?

How far can you jump? How short can you Jump?

What’s on your “Bucket List”⁶⁷?

Have you ever really thought about standing on the top of Mount Everest in the Himalayan Mountains, between Nepal and Tibet, north of India, and looking out upon the face of the earth; or jumping off?

Ponder that for a moment ? ? ? ?

Now, recall that the surface of the earth is a relatively smooth, relatively speaking to the size of the diameter of the earth. How big is our basketball?

Mount Everest at 5.5 miles (8.85 kilometers) to the earth’s diameter of 7,913 miles (12,734 kilometers) is a roughness factor of 5.5/7,913 or 0.000695. No units, it’s just a ratio.

If you are 5.5 feet (1.68 meters) tall your roughness factor to Mount Everest would be 5.5 feet/29,040 feet (1.68m/8,851m) or 0.000189. This is about one third as rough as Mount Everest to the earth.

Combining the two roughness factors, by multiplying them, results in a roughness factor of you to earth of about 0.000000131. This would be a bump on your head of about: well you wouldn’t have any bumps on your head because it is just to damb small to feel or see. Your head is very smooth.

A roughness factor of a grain of salt on your head to your height would be about 0.000179, which is about 1,366 times rougher than you to earth or about the roughness factor of you to Mount Everest. Take this times three and you would have a bump on your head of about 1/28TH of an inch or 0.10 cm. This bump would be like Mount Everest to the Earth. The earth is smooth.

Here are some more comparisons.

If the 7 billion people on earth were each allotted an area of 2 feet by 2 feet or 4 square feet (0.37 square meters) to stand on for a moment, we would take up an area of 28 billion square feet (2.6 billion square meters). This results in a human population area factor to earth’s land surface area of 0.000017606. There’s lots of area for us to share.

An individual’s surface area factor to earth’s land surface area would be 0.00000000000000251515 (2.51515 x 10⁻¹⁵). That’s like looking for a grain of salt on a carpeted floor

the size of Norfolk Island (Australia). Fart; look for 7 billion grains of salt! That's only 50 – 20 pound bags or 50 – 9 kilogram bags. Why do we have so much trouble getting along?

Here's another: the gods claim all my neighbors and I and the cows create enough fart-gas to impact our climate. There are about 1.5 billion cows on earth today. If you allow 4 people per cow, that almost doubles our tiny little area ratio to earth.

The Yellowstone National Park in Northwest Wyoming, USA has an area factor to earth of 1.86 times that of us [you, me, all our neighbors around the world, and the cows].

How much gas spews out of the Yellowstone caldera 24 hours a day 7 days a week? And we're not talking just bad breath or smelly farts. How many other geothermal areas are there around the world? The internet, what a wonderful research tool because it puts worldly information in front of you in a few seconds. How many other caldera volcanoes are there around the world?

Get a cow and the two of you go fart on a little tree and see how long it takes you to kill it.

Why – because trees consume CO₂ and other harmful gases and fart oxygen. And it is oxygen that we breathe to keep us alive.

How many trees do the worlds geothermal areas kill on a regular basis? What about all of MOTHER NATURE'S other activities?

So much for man & cows impacting earth's climate change! ????

Huh: interrogation – surprise – contempt for the gods of politics and current theory climate change that think we and the cows are responsible for global warming? It's like my "huh" for current physics theory gods. GOD SAID, "Let us test and examine our ways"

Any humility as you reflect back on the pondering moment of the view of earth from the top of the highest peak on earth; how much space you really occupy on earth; and your impact on it?

Or how little space Mount Everest really occupies on earth?

How about the little tiny space we occupy in our solar system or less yet the COSMOS?

How small we really are!

A matter of fact, inconsequential [not important] to NATURE! That's why I hope on GOD!

Here is one last reflection on man in Bulk₂. Most humans can't take responsibility these days for their own actions, but they want to be responsible for NATURE'S MEND²: Matter Energy aNd Dynamics & Fix & Repair of our life on earth. It's back to politics and climate change and their propaganda charade parade. This again is much like current physics theory today.

Sure we can do a better job, but it needs to be done with common sense and logical simplicity.

To be honest NATURE doesn't care what we dare! SHE will let us kill ourselves and keep on going! Look at the wars around the world! SHE will also kill us and keep right on going. Just look at those who lived at the foot of Mount Vesuvius or who have suffered the same fate in the last 100 years or who have been buried in rubble, or who have been washed up in recent tidal waves.

Rumors of wars and natural disaster bound – jump around the world on a regular basis wiping out our places but not NATURE'S SPACES!

Let's move on with jumping in this Article of the subatomic [smallest of the really small spaces] and the flocking together of the other Articles of this work.

We have scratched our way through seven Articles and up and over the precipice of Mt. Everest gravity. Gravity just doesn't have much roughness [ability to impact anything] relative to Outer Space or Common Space.

What about the tiniest of tiny spaces inside atoms? Oh, the current theorists have all agreed that in this realm there is no need for gravities accelerated speed, it's just too weak.

But what about NATURE'S MEND accelerated boundary layers in this Inner Space? What's in there once quarks bind by the strong force in close contact? Not much physically, but a bunch electrically outlined in Article 4 and reviewed in Article 6, which brought them together to begin with.

I've scratched really deep into this tiny space, but how much have I really uncovered?

Now ponder for a moment the vastness of what could be before us:

"A- α & Ω - ω – THE BEGINNING & THE END!"

A- α – The beginning of an Old Thought [missing basic understanding] presented in a New True Light & Ω - ω the end of Current Theory darkness in an absurd nature because of NATURE'S MEND!

The theory of NATURE'S MEND is something new. However, Albert Einstein reasoned it when he told the current theory gods that relative to quantum theory,

"They were missing some basic understanding! GOD does not play dice with the UNIVERSE!"

[In his long search for a unified theory, Einstein reflected on whether "GOD could have made the Universe in a different way; that is, whether the necessity of logical simplicity leaves any freedom at all."]^B

Have I taken any freedoms that NATURE has not resolved HERSELF? I don't think so?

Let's conclude this Article of this New True Light and see what the NATURE of GOD does play with. And just maybe we will even learn what GOD plays with. For GOD is the GOOD MAN behind the GOOD WOMAN – MOTHER NATURE.

The purpose of this Article is to conclude the containment MATTER of this new theory of PHYSICS by NATURE with HER ENERGY And DYNAMICS [HEAD - BRAIN] MENDING the UNIVERSE at the subatomic and atomic depths of MATTER and reach into the WHOLE of the COSMOS and reaching even into the BOSS² [Beyond Outer Space Space & GOD] and in the end [Epilogue] establishing the ABSOLUTE ARROW of TIME and the conservation of ENTROPY.

What is the reasoning for this new theory?

Because today they are full of darkness in their current theory and they don't grasp NATURE'S How & Why [HER BASIC UNDERSTANDING]! I every time I turn around a new mystery in current

theory seems to pop up. Now it's the Proton Spin Crisis and why protons spin at a 1/2 spin. See Article 4 quark trifoliate spin of a 1/2 and Figure 6.7.

In the beginning this new theory was just a dream.

In Article 1 it became a theory and was full of heretical uncertainty - blue sky.

Now here in Article 8 will it live in a new bright blue light or die in a Scottish dub?

If we can't walk hand in HAND with NATURE, how do we ever believe we can understand HER BARE ESSENTIALS of *PHYSICS* in the tiniest of tiny spaces?

If we can't understand HER BARE ESSENTIALS of *PHYSICS*, how do we ever imagine that we can reach into the MIND of GOD to understand what HE wants for us? Or let alone, just "Reach into the HANDS of GOD", as postulated by the renowned Physicist Dr. Stephen Hawking?

For NATURE is in the HANDS of GOD; not men-gods or gods of religion!

SO – SO LocO CitatO LOMON & CRATES!

A puzzle that I will explain if this comes into the light of the world. You can probably figure it out, without any explanation.

"The boldness of asking deep questions may require unforeseen flexibility if we are to accept the answers."^B Dr. Brian Greene knows they need it. He asked it! But will they kill the messenger?

Are you ready to open your mind to be questioned by NATURE and maybe GOD?

"To go where no man (generic) has gone before?"³²

Are you ready to Reverse Trek from the COSMOS, to planets, to compounds, to elements, to particles, to a particle, to a liquid, to a gas at NATURE'S CORE and then back out again?

And are you willing to consider NATURE'S and GOD'S answers without man's [generic] impositions of current physics and religion?

The COSMOS could be larger, simpler, and far more elegant than we've ever imagined.

We could be living alone in a BEAUTIFUL 3-Dimensional MASTERPIECE of life over ABSOLUTE TIME. Good night SETI!

LIFE in BULK₁ & BULK₂ could be a TRUE COSMIC CELESTIAL DISCUS not just an imaginary CIRCLE. And the discus shape of element 1, hydrogen, connects to the discus shape of the COSMOS and spiral galaxies in between: a NATURE made SUPERSYMMETRY of sorts from the smallest [Quantum] to the largest [Cosmic]!

And the LION (SPHINX) maybe a SERVANT, a brother, a guardian, not a king or a god?

Why consider a new theory?

We have a good understanding of what NATURE can do in Common Space; but as I have said they just don't know How & Why SHE does what SHE does.

If this theory is TRUE, by the end we might be reaching a greater understanding of what NATURE can do even in Common Space. And that adds to the UGET [ULTIMATE GRAND EXPLANATION THEORY] in the end.

As they have said, they think SHE is ABSURD in the tiny of tiniest spaces where they can't see. When do they begin to see inside this tiny space? Or when do they lose sight looking in?

They have been looking for thousands of years. Maybe, even billions of years if GOD'S NATURE is to cycle us over and over again through $SD_{n+1}CME_{n+1}$. Psalm 102.26 – 28 or maybe your prefer 102.25 – 27. Tanakh verses versus Bible verses. Is this Psalm in the Qur'ān?

If we can understand the How & Why, maybe we can do better at helping others to live and LIVE and not DIE! Not sure we will ever do much about death.

To start: in current theory the men-gods (generic – she-he-gods) have made some very good guesses. Yes, very good guesses as professed in things written by Doctors (PhDs) in the field of physics. Just look at everything we eat, drink, use, and do in Common Space and Outer Space today with organic vegies, energy drinks, jet-planes, email, text, and tweets. Can we do better?

NASA – A COSMIC Frontier Organization – has Frontierswoman and Frontiersman in Outer Space and Common Space. Look at how much better our lives are today with all the great work of their efforts.

How much has the separation between birth and death grown on average?

For the United States it has increased by a staggering 60.0 percent in the last 100 years. At the beginning of the last century U.S. people on average weren't expected to make it to 50 years old. Today they are expected to reach almost 80 years old. For the world it has increased by 126 %. This is mostly due to the application of common sense and logical simplicity through continuous improvement without increased hardship. At the end of this century will they be living until they're 133 years old? I would be 139. I've thought about living to 150 for I feel like a college kid at 50.

Now in this new millennium we have the International Space Station with old foes working together with others into a new frontier of Space and Time and life. Could we eventually live to be 1000?

If we can work together in Outer Space why do we struggle so much in Common Space?

How much of this struggling and killing can be contributed to religious Lace [Material – Doctrine] – one from the sea – one from the land – one want to be like the sea, all without GRACE & MERCY? Revelations Chapter 13 & Exodus 23.5.

GOD said, "I desire MERCY not sacrifice!" and "I would rather have the wicked turn from their wicked ways than die! And if the righteous turn from their ways they will die!"

Where does that put all of the Common Space killing in the MIND of GOD?

Who is righteous? Certainly not the religions! Certainly not man of any kind: male or female!

Religious darkness permeates life in our Common Space and is causing way too much death!

I'm drifting out of Bulk₁, forgive me? But it's like what is going on in physics today.

Let's go back to current theory.

The darkness arises in current theory when they try to peer deep into Inner Space and then reflect that back into Outer Space searching for the very beginning of Space itself and tie in Time.

That's what this work has been all about: digging and scratching out these two spaces to see if something old can become something new [as in basic understanding of form and matter from Aristotle], and something borrowed [as Einstein's thoughts about missing basic understanding] can become something blue [a new bright light]. By the way, the reflective temperature of bright blue light [plasma] approaches infinity [∞]. The core of NATURE'S MEND Origin Particle just might be EME PLASMA?

As we have discussed, the darkness and bizarreness of current theory guessing resides in something called Quantum Mechanics [Inner Space Physics]. It's an atomic-subatomic guess that fudge fits with large-scale experimental understanding and involves Planck and Einstein at the turn of time from 1800 to 1900. They have added lots of constants to their mathematics so that it works.

Constants are little bits of mathematical fudging, to have the equations match the experiments. Is current theory, a theory proven with experiment, or a theory because of experiment? Which came first the experiment or the theory, or the theory or the experiment?

Yet, no one really understands the How & Why Quantum Mechanics should apply.

Heisenberg cast this in bronze with his Uncertainty Principle, which is now over applied in life outside of physics.

As is $E = mC^2$, with it being the release title for a music CD of a Diva a few years ago.

And Dr. Richard Feynman locked it away in a dark way when he proclaimed long away:

"I think I can safely say that nobody understands quantum mechanics."^B

Did every one in current theory quit trying to understand it – give up their intuition and imagination?

Did they just decide to apply it?

Did current theorists anchor their imagination to this absurdity – lack of basic understanding?

Like a ship anchored in a harbor, it's stuck, it's sheltered and not free to sea-see [sail and uncover] what really lives inside and out and around "the deep" of NATURE!

Uncover – Discover the "Really Real World" possibilities of NATURE'S MEND².

I let my imagination and intuition run wild after my dream and now it's begun to scream!

The How & Why is NATURES PRESTIGE: HER REPUTATION – INFLUENCE – DISTINCTION based on what is known and unknown of HER ABILITIES & ASSOCIATIONS!

Consider the geometric associations that have been developed through the first 7 Articles of this new theory with, quark and electron spin, charge, and size. This will be tabled for now, and displayed in a later table.

What about HER replacing gravity with accelerated motion [AI's Equivalency Principle], with boundary layers in accelerated motion explaining the gravity effects of tides? And even providing a contribution to dark matter and dark energy? And turning black holes into Dark Holes?

NATURE balances to the utmost Precision & Accuracy with Perfection far inside and outside of man's explanations, impositions, visions & guesses into Inner Space and out into Outer Space.

Maybe that's why they think SHE is ABSURD, because they can't build a machine to reach into HER very core of Inner Space or out into the Beyond Outer Space Space to really see what SHE is really up to. They have not yet isolated a single quark or explained a pink giant. So they mess with a guess and guess with a mess!

Have they really even seen to the edge of Outer Space to the beginning of the BOSS [Beyond Outer Space Space]? What about the flatness of space? It is another crisis in current theory.

Where no machine can go, man's mind must stroll with intuition and imagination, unanchored from the old sea margins of missing basic understanding.

You may wonder about HER Perfection.

Just consider that SHE doesn't calculate, illustrate, or elaborate, or wait for us to conglomerate while SHE runs the Universe beyond 28 billion light years to 120 billion light years. OR maybe it's 120 billion light years to 120 trillion light years. As we know, SHE is accelerating everything, even our moon, away from us.

The furthest we have reached, physically, is the moon at 238,857 miles (384,403 kilometers).

That's a performance ratio of 1.45×10^{-18} (1.45 quintillionths) [0.000000000000000000145] of man versus our visible Outer Space limits of NATURE.

Feel free to debate your performance against HER'S.

Here's a close to home little taste of this:

SHE crisscrosses earth, with NATURAL STRIDES!
Man reacts, and RUNS & HIDES!

How do we uncover the Secrets of HER ANATOMY let alone HER CENTRAL CORE?

How do we bare HER ESSENTIALS and grasp HER PRESTIGE?

A technique that I used in process system analysis should help. It is somewhat contorted (warped) and in a sense requires that one thinks in an extra or alternate physical dimension or condition of oneself. That is, one must think of one's self as being a tiny volume (delta volume – grain, drop, spark of salt), 3D object of the system, the most integral part, the part that the entire system or whole has been designed for: its flavor. Could we be GOD's grains of salt?

As Nikola Tesla put it:

“ . . . When I get an idea I start at once building it up in my imagination. I change the construction, make improvements and operate the device in my mind. It is absolutely immaterial to me whether I run my device in thought or test it in my shop. I

even notice if it is out of balance . . . Invariably my device works as I conceived that it should . . . Why should it be otherwise?” – Nikola Tesla, My Inventions.

This was snatched from, “The Beautiful Invisible – creativity, imagination, and theoretical physics.”^H; By Giovanni Vignale. A book I’m currently reading.

I continue to read about current theory, looking for and imagining intuitive tools to pick away at NATURE’S MENDING to hone this dream.

It was Albert Einstein who said:

“Imagination is more important than knowledge!”

Becoming the particle that the process drives allows one in thought experiment to experience the WHOLE system and its effects from beginning to end, from Inner Space to Outer Space and back again. And even into the Beyond Outer Space Space and what is out there.

For NATURE’S process, it is to become NATURE HERSELF and THINK & VISION through HER EYES; to LIVE & GROW through HER WAYS, MEANS & METHODS.

It is to become a Geom-Geo Ultra Planck Scale Psycho-Gaseous-Physicist [“CRAZY”], and get into HER Energy; play with HER Dynamics; and grow in HER SPACE of Geometry – Geology – Cosmology, experiencing HER WAYS, MEANS & METHODS all along the way.

It is to become electromagnetic energy [an EME PLASMA POINT] and be electrified and magnified by NATURE in NATURE for NATURE to form a quark and then join as triplets, three identical quarks in a trifoliate [one in three in one] and grab an electron birthing Hydrogen.

Then through the pressure force of fusion replicate trifoliate with an e into all that can be and exists in NATURE naturally in BULK₁.

Then explode with HER to build and fill the entire COSMOS of BULK₁ and BULK₂.

Then in the end implode with HER to recycle it all over again without sin [science – integrals – noise] – {Physics – Mathematics – Linguistics}; and without SIN [Substitution – In – Nephilim] {actions against GOD}. Nephilim here are being considered to be divine beings Genesis 6.4 Tanakh.

Remember all men (generic) have sinned and fallen short of the glory of GOD.

Maybe NATURE’S MEND is GOD’S GLORY once you grasp the WHOLE STORY? The GOOD WOMAN in front of the GOOD MAN! U get it?

Thus we come to the subject of this Eighth Article, QUANTUM JUMPING.

Literally: energy jumping to the unification of forces, five without gravity: the GUT [Grand Unification Theory] of NATURE: a Grand Prize of Current Theory. Which NATURE’S MEND established in HER GUT of GUF in the Origin Particle of Article 6.

And figuratively: with a spectacular advance – major breakthrough in the PHYSICS of the COSMOLOGICAL TOE [Theory Of Everything]: another Grand Prize of Current Theory. Which NATURE’S MEND has tickled in the past?

HER TOE is HER ENCAPSULATION of the BEGINNING in INNER SPACE to and through the WHOLE of OUTER SPACE and then back to INNER SPACE. It is HER WAYS-MEANS-METHODS of CONSTRUCTION and CONSERVATION in PERFECTION in the ANATOMICAL LIFE CYCLE of everything from everything from one thing, HER ORIGIN PARTICLE, in the COSMOS.

With the beginning of any life cycle [birth] at the end of that life cycle you have death. And with the death of BULK₁ you have complete death of BULK₂. What lives on in BULK₃ for now is a mystery. I said I didn't think there was much we could do about death.

And in the end the WHOLE of HER BEING, and being: the GET (Grand Explanation Theory), and maybe ONE QUANTUM JUMP FAR FAR BEYOND: UGET it in the end!

We will start with Planck Steps [very small steps] between the perceptions of men-gods and NATURE.

However, we must first set some ground rules.

It is said that, "Perception is reality!" I have always disliked this statement, because it is missing a critical element. A unitizing element like relativity and time dilation is missing in the current theory as discussed in Article 5 when TIME became ABSOLUTE.

The missing unit in this case is "an individual's"! So it should be stated, "Perception is an individual's reality".

This implies that it may not be reality at all, and is tied to all the comments in previous Articles about them not seeing what they think their seeing in current physics theory and their gnat smasher fury chasing after their son of god particle birthed from their father god mechanism.

This Article will build on a distinction between men's perceptions of NATURE and NATURE'S REALITY.

Here is a little flavor of what I'm trying to allude to.

Man has three languages he uses in an attempt to perceive NATURE'S WAY; linguistics (written and spoken words); mathematics (imposed formulations of physical characteristics); and science (the art of bringing the first two together to have something common in sense and useful).

NATURE has no need for dictionaries to describe HER *LINGUISTICS* or an eigenfunction (vibrating system) of mathematics to lace up HER *PHYSICS*! And thus SHE has no need for science to bring it together for SHE can just keep it together.

SHE just does what SHE wants; the way SHE wants; when SHE wants; where SHE wants; how SHE wants CONTINUOUSLY from BEGINNING to END and starts all over again.

We can play with HER, but we will never be able to stay with HER. There is no way to overcome HER death in BULK₁ to save us from death in BULK₂.

For HER, TIME is ABSOLUTE and change is 3D. Most times we just can't see.

Our perception is blurred on both ends of HER scale: inside Planck Length and way short of the edge of the COSMIC boundary, the outer surface of the TRUE CELESTIAL DISCUS, the edge of the BOSS.

NATURE'S How and Why resides across this entire expanse and beyond.

So what is it that NATURE really wants *PHYSICS* to be?

As stated earlier in this Article, "BARE ESSENTIALS" the least to make the most. Maybe it is that spatial specialty of three over TIME? Not D (dimensions) in this case, but two particles [one quark and one electron] with electromagnetic energy over TIME.

She is constantly in soliloquy (talking to HERSELF) if we would only stop guessing, and listen to HER explain.

What better way to bare HER ESSENTIALS than have CLOSURE in an old thought with a new theory; that is loop back around to see if it is sound [solid – has structural integrity] – a good recipe!

The basics of this Article were outlined in Article 1 and built on in Articles 2 – 7.

Now in the detail of this Article we just may be dancing on the threshold of heaven with the ROCK OF 7, Zechariah 3.9^E {For a STONE can be a ROCK} {And a ROCK of SALT can be a GRAIN with SEVEN FACETS – 6 Physical & 1 Flavorful} and the LIGHT of Revelations 5.6-7 & 22.12. "There is a time for every matter under Heaven!"^E

There have been 4 Articles of NATURE'S COSMIC association and 3 Articles of HER subatomic association. That means we need a 4TH Article at the subatomic level for balance and closure.

And with eight cubes we can construct an 8-cubist-cross-three-D...ist cube, from Article 2, of the containment of NATURE, HER GET without a need for a fourth D or any additional number to warp what they currently can't uncover or discover because of their lack of basic understanding.

This Article is the eighth cube of enlightenment of my dream energizing our quantum jumping and formulating NATURE'S COLLOQUIUM (SEMINAR).

As I said, in current theory they understand what is going on [the effect – the form], and they do a very good job of explaining what is going on in Common Space. They have just never known Why & How it's going on [THE CAUSE – THE MATTER] in Inner Space. They have never been able to string it all together with anything lighter than a downy feather.

Though, current theory today is linguistically & mathematically trying to stitch it together with a vibrating system called "Super String Theory", which NATURE'S MEND has put to task already.

Here is our first quantum jump, a leap into NATURE, "Imposed man Strings are not BARE ESSENTIALS to NATURE!" Even less bombastic, "They don't exist!" The Caveat is that their characteristic eigenfunction [vibration] of spinning and winding is part of NATURE'S Formulation which was presented in a postscript of Article 6 and will be shown again later in the TOE.

And we're back to the *Physics* of form and matter; and effect and cause as it was with the last Article when gravity fell to NATURE'S accelerating boundary layers. And the Article before that with the Comparative Particle Theory Understanding Map of Figure 6.14 when current theory with its superstring extension bowed to NATURE'S MEND [Fix and Repair].

Will all of current quantum physics slip inside NATURE'S CNPE ∇ M-EnD with its growing electromagnetism: attractiveness?

NATURE will confuse men's languages and tear down their impositions on HER. SHE will make them toe (walk with accuracy and precision – tip toe along) HER LINES [WAYS – MEANS – METHODS] of construction. SHE will put them under HER FOOT or maybe just HER TOE.

NATURE is physical, SHE RULES BULKS 1 & 2 with *physics & chemistry*. Man is impotent relative to HER RULE! See the encapsulated poem "Many Faces".

Just pinch yourself; this is no longer a dream or perception of a crazy man.

It is the vision of a "CRAZY" out of touch – But it wasn't because I didn't know enough. I just knew too much."^C man, within NATURE for NATURE by NATURE with GOD. HE has always been with me and that's why I have never been alone.

Please open your mind's eye and vision along, for almost all the SECRETS of NATURE'S SUBATOMIC and COSMIC and everything in between and beyond are about to be revealed in this 8TH Article of NATURE'S MEND² {Matter Energy & Dynamics – Fix & Repair} and the rest in the Epilogue.

What is a Planck Step, it is one pace of 10^{-33} cm (cm – centimeters: it takes 2.54 centimeters to make an inch). So we are talking really, really tiny steps!

The closest man has come to this with atom smashing is around 10^{-17} cm. This is gigantic leaping in comparison to Planck Stepping and even more so against Quantum Jumping.

But all are nothing to the naked eye.

There is a large atom smasher that came on line in Europe after the current theory men-gods stopped fighting in 2008. They were fighting over black holes in theory, metaphorically and literally. Some gods thought this giant gnat smasher would create a current theory black hole that would eat the earth. I'm talking about the LHC under the control of CERN. It's currently shutdown for another power-up² [re-start with more energy] in 2015. Its first runs fell short of the black hole.

What is a Step in NATURE? SHE doesn't actually step; SHE grows from the very point of the origin of everything to everything with everything, so it would be a point step of $1/\infty$ (infinity) or $10^{-\infty}$, which is zero.

This allows HER beginning point to be HER EME GAS [ElectroMagnetic Energy Gas] and SHE can FLOW and GROW with it. Dimensions, centimeters and inches, at this point are indistinguishable. One could even say they are unified in HER PURE GAS which is non-dimensional.

That's the nice thing about starting with a gas. It can be infinitely small, but when contained it is finite and has a finite pressure, and looks and acts the same in all directions. The pressure can approach infinity, but it can never quite reach infinity, because in infinity nothing can exist, other than some sort of a GOD.

Quantum Steps are bigger and Planck Steps are gigantic leaps within NATURE, for they don't appear until L5, the fifth layer around HER CORE of HER Origin Particle.

Yet, as of today, unachievable by men and their imposing, both in size and effect, atom smashing machines; even tomorrow if the next new generation ever comes on line.

MANY FACES

SHE is always there.
We are not always aware.
We never ask permission.
SHE will never listen.

We're never sure, when SHE will cross our path.
We try to decipher it with science and math.
We have no defense.
We run and hide with suspense.

With her many faces,
the world SHE races.

Asteroids
Avalanches
Blizzards
Comets
Droughts
Earthquakes
Floods
Fires
Hurricanes
Landslides
Meteors
Tornadoes
Tsunamis
Volcanoes
SHE
Laces

You
KNOW
SHE'S
out
to
devastate
our
places

and
then

SHE
retraces
!

Some would say that HER starting point size is zero for a point is just that, nothing. And we are back to the perception of men gods imposing words on NATURE and NATURE not responding. That's because they have not considered EME Gas physics, which is finite, has a limit maybe 10^{-7007} .

But, then this *point* of NATURE sounds more like the current theory of the point particle birth of the COSMOS.

Is this new theory *NEW* or just a different look at the same old theory?

Let's look at the scroll, penance, cow of each theory.

Current theory says the COSMOS was born out of a point like particle, many magnitudes smaller than a dot on a piece of paper, from the point of a very, very sharp lead pencil.

For some reason their tiny thing let a fart and blew apart [the god Higgs Mechanism]. This indeterminate {can't be defined} ghost wave birthed bigger particles [the god Higgs Particles]. Then their god particles came together to form a fist sized conclave [private meeting] through gravity in a black hole. The conclave blew-up when they couldn't elect a pope, and then expanded to what is seen today. And they have all their unknowns of black holes, dark matter, and dark energy controlling gravity, and SETI (Search for Extra Terrestrial Intelligence).

Yet we still don't know How & Why "ET" hasn't phoned our home (earth) to say hi. Though there is a lot of speculation he crashed in Roswell, NM, USA many years ago. Why haven't his friends come looking for him to take him home?

This new theory says the COSMOS was born out of an Origin Particle containing everything, a massive discus many, many times larger than earth and even larger than our visible universe. Yet it is a point like object relative to NATURE'S extents beyond the COSMOS; viewed from the BOSS by the BOSS.

It has to do with relativity in perspective: where you're at when looking at the WHOLE as we considered when we began this Article. In the reference for this example we are outside the WHOLE in the EYES of the BOSS: GOD.

And NATURE grows and blows over TIME from HER very core, the apex where 3Ds and Forces unify in an electromagnetic energy gas.

As for SETI: we will touch on it later.

But, Yeti (Abominable Snowman), and his cousin Freddi (Bigfoot) in this new theory, who knows? I'm big and have white hair and big feet, though there's not much hair left on my head.

Recall $E = mc^2$ was applied to both theories in Article 7. Which had more Energy? It was the ORIGIN PARTICLE of NATURE'S MEND in this new theory unequivocally [containing no trace of doubt].

Yes, it is a new theory tickled by and old master's desire for simplicity in basic understanding.

It is this very point about "point" that some string theorists are using to bash the standard model point particles of the current theory as we have discussed.

Here is a quote from some elegant writing from a string god, a “Pulitzer Prize Finalist”, not sure if he won,

“An elementary particle such as an electron can orbit an atomic nucleus in somewhat the same way that the earth orbits the sun. But, in the traditional point-particle description of an electron, it would appear that there is no analog of the earth’s spinning around on its axis. When any object spins, points on the axis of rotation itself—like the central point of a spinning Frisbee—do not move. If something is truly pointlike, though, it has no ‘other points’ that lie off of any purported spin axis. And so it would appear that there simply is no notion of a point object spinning.”^{B.a}

This is the current theory’s intrinsic spin of needing spin momentum in their particles, but not really spinning in the “Really Real World”. Again, they want everything from nothing.

Now you have heard it directly from one of the string-gods. And he too is struggling to stand up to gravity. He just can’t seem to tie it down in his string theory.

And quantum mechanics comes to men-gods rescue once again and births Super String Vibrations to help him and his friends tie us all up over the hole: hole in current physics theory between general relativity and quantum mechanics and not let us sea-see.

Why do they bash each other’s theories and impose their languages on NATURE?

It’s too much like politics. If the opponent is worse than you are, you must be a better alternative; thus you can talk about what is wrong with everyone else and never talk about what’s wrong with you. We need to get back to servants of the people {politicians} talking about what’s right with them: working for US; and not dictating to US.

Hopefully I have talked enough about NATURE in a common way so far that most are still with me and not been scared away. Hang in there we’re almost all the way home.

I think I’ve admitted all along that I’m “Crazy”^C. And to be honest, I can’t compete with the she-he-gods in current theory with their erudite vernacular (scholarly languages) of linguistics or mathematics or physics or brains and bulks.

So I play with NATURE with HER PHYSICS of MEND in geometry [trigonometry] and symmetry without big words and fancy mathematics.

There are no alternatives to NATURE!

Why not let NATURE, take HER COURSE [Construction Path in the COSMOS], and teach HER COURSE [actions] to us?

Let’s, let HER take our hand and make HER POINT by leading us to HER BARE ESSENTIALS!

And in the course of SCIENCE what have they learned from their experimenting? The point-like electron has a step definition around 10^{-10} cm. This is a gigantic leap in comparison to their gigantic leaping above a Planck Step.

And if we consider the mass of an electron and another standard model point-like particle, the quark, we see that the quark mass is nominally 612 times larger than the electron in current theory (Extracted from the World Book Encyclopedia – Atom – subheading The Nucleus).

Particle properties and differences in theory have been discussed in the past and will be again, shortly.

Compared to NATURE'S Precision & Accuracy the diameters of the electron and quark are both immense compared to HER imaginary spin axis of rotation of $10^{-\infty}$ in diameter.

This means the electron in NATURE can spin, with all of its mass, maybe even at light speed around its imaginary axis in NATURE! It is really light, so it can really speed, driven by the spinning speed of the quarks as they form a Trifoliate. This means it really does have spin momentum in NATURE because of its very own "Really Real World" spinning motion.

Maybe AI - E was right about E, m & C we just don't know how to apply it correctly and intuitively with common sense.

The current theory is buried in absurdity so they don't stand a chance.

NATURE exists inside Planck Length and hasn't blown up. Blown up – a forecast of current theory when you cram more energy into something that small, and results in the generation of a black hole and relates back to the fighting between she-he-gods over the Large Hadron Collider (LHC).

But then again in this new theory of NATURE current theory black holes don't exist. As documented in Article 7.

NATURE does blow up, but not because of too much energy, just the opposite, because of a lack of Energy. More support for the truth of my dream. You will see – if you stick with this new theory and me as HER EME.

What drives the construction of NATURE?

What are HER WAYS, MEANS & METHODS?

Is it the electron, the quark, or some unification phenomenon of forces?

Or does SHE pluck some vibrating string quantum HLL, Harp-Lyra-Lyre?

Just maybe SHE uses all four?

Before we start quantum jumping theories in NATURE there is one more aspect about men's perceptions that needs to be addressed. One can consider it an inherent weakness of men's imposing on NATURE that I think results in an inherent weakness of any theory rooted in the languages of men.

I think this is best exemplified in men's religious principles of GOD, at least the big three and their child. All four, Judaism – Christianity – Islam, and Bahai, in that order, all claim to have GOD. GOD even seems to pop out of nowhere in physics writings about current and potential theories.

GOD plays games in Chapter 12 of Warped Passages, "One day, GOD Himself invited Ike to a rather strange game."^A

Neil deGrasse Tyson dedicates the last three chapters of his book “Death By BLACK HOLE” to “SCIENCE AND GOD”.

Yet, many say they don’t believe.

I guess it goes with that old saying, “Better to error on the side of caution.”

As the ancients put it, “Fear of GOD is the beginning of WISDOM!”

For me, I throw caution to the WIND that “was moving over the deep in the beginning”^E. This will be touched on some more in the end and PostScript.

I have tried to relegate GOD to BULK₃ though I sprinkle a little flavor of all the BULKs into my writing. Forgive me, this Article is saturated with HIM (GENERIC: for there is no gender in HIS BULK)! If you understand HIS BARE ESSENTIALS there is no need for a SHE-HE or a HE-SHE!

Now we will go back to the big three religions and their child, and their gods that they claim are the ONE GOD.

They make their claims not by the whole scroll of GOD, but by snitching bits and pieces, threads, strings, from the tapestry of GOD [Scripture]. And thus by finding bits and pieces that fit their application they claim to sew, string, it all together and have GOD, alliance with GOD, and allegiance from GOD.

Though when you look at the first three each claims a god that is different from the other.

Judaism claims their god has not exercised the son of their god phase.

Western Christianity says their son of god phase has been exercised on earth and is different from their father god phase and spirit god phase: they stick the son of god in the middle and claim a holy trinity god of three persons in one god. The Coptics and Eastern Orthodox don’t align with the trinity in Western Christianity. No wonder there are so many denominations – each thinks they are richer [more full of their god] than the other.

Islam says the son of god phase of the Christians was another prophet phase and not part of their god and their prophet now leads to their god, which has not had the son of god phase yet.

And the earthly son of these gods claims to be the fulfillment of all three.

They all seem to cherish the god of mammon!

Yet in all my searching of the ancient scrolls of GOD, GOD has never CLAIMED a religion to be HIS WAY. What is the WAY to GOD?

Maybe GOD is the darkest subject of all, the mist beyond all of the frenzy of life, BULK₂: the INDETERMINATE CONSTANT of LIFE in BULK₃?

GOD could be the BOSS of NATURE’S IS-CS-OS-BOSS [Inner Space - Common Space - Outer Space - Beyond Outer Space Space].

Yet HE is said to be the LIGHT of life & LIFE!

Men (generic as it is with GOD) of religion like to use what they want to use from scripture, and use it only when they want to use it to make you believe in what they are saying.

If they can get you to believe they own GOD, they can get you to pay almost anything: actually it's everything for you will pay with your life in DEATH.

Why when challenged with the whole scripture do they run and hide?

This applies equally well to physicists today.

And most of the world follows along both in religion and in physics, and never search for themselves.

Sounds too much like brainwashing and the blind leading the blind for me.

And remember I have never been much of a follower, least of all of men-gods or their gods.

And if you haven't figured it out, I believe in GOD, and like HIM I despise religion!

If you don't think GOD despises religions try Exodus 20.3 bad little gods between you and him; Deuteronomy Chapter 30; Matthew Chapter 8; Revelations Chapter 13; and Revelations Chapter 21.

Please don't follow behind me in this theory, walk beside me in this trek into the SOUL of NATURE, into the HANDS of GOD and just maybe even GOD'S MIND.

Can the ESSENTIALS of NATURE and LIFE become any barer?

As mentioned, this same process of applying bits and pieces of principles only when they want them applies directly to the current state of Particle Physics.

I will be honest; it is being brought to light here because some of the particle properties of CNPE ∇ M-EnD do not match one for one with experimental results of today. And not all of the properties have been calculated. And thus if this is not brought to light here those unwilling to consider CNPE ∇ M-EnD will use these as ways to shoot holes in it for their followers.

If this new theory becomes a point of discussion among current theoretical physicists I want to be prepared to be surrounded. What was it that General George S. Patton said, "The good thing about being surrounded is that you can attack in any direction you want."³³ I can't find this quote – I thought I heard it in an old WWII movie. What I found was, "Retreat Hell! We're just attacking in another direction."³³ Attributed to Major General Oliver P. Smith, USMC, Korea, December 1950.

I took this literally and here I am, attacking my own theory. I don't think this is politically correct or what General Patton or Smith had in mind when these profound words were spoken. I must be "CRAZY" or at least have some uncertainty about it.

Or maybe I'm trying to "remove the log from my eye"^E before I look into your eye.

But, then I think there has been openness in all 7 of the previous Articles to put this new theory to the test and look for and talk about what's right with it.

GOD even said, "Let us test and examine our ways ..." ^E. I follow GOD, but I don't impose HIM on anyone or anything.

OK, I want to impose HIM on men's religions, kind of like I'm trying to impose NATURE MEND² [Matter Energy aNd Dynamics – Fix & Repair] on men's physics.

It has been, is, and will be a long difficult narrow hike in the wilderness of life. But, I like being outside in the wilderness so I'm happy "in so much space, even My Emotions have an echo"^C.

I smile almost all of the time, and everyone wonders what I'm up to. I've been tagged by others with two nicknames, "Trouble" & "Crazy". Both apply beyond their understanding!

Let's get back to the issue of differences in particle properties of theories.

The bits and pieces of current physics are manifested in the sprinkling application versus dousing application of a principle of Heisenberg.

Here is a little analogy of what I'm trying to get at:

You sprinkle things with salt to season for taste and you douse things with salt to cure, pickle, fix, and mend them to last longer. However, in some cases too much salt can kill you.

If current physics is to last longer than the past century it should withstand a wholistic application of the salt of Heisenberg's Uncertainty Principle.

What is it that this principle states?

"Uncertainty Principle. Principle of *quantum mechanics*, discovered by Heisenberg, that there are features of the universe, like the position and velocity of a particle, that cannot be known with complete precision. Such uncertain aspects of the microscopic world become ever more severe as the distance and time scales on which they are considered become ever smaller. Particles and fields undulate and jump between all possible values consistent with the quantum uncertainty. (To be completed later)"^B

"Discovered by Heisenberg" like it was – is – shall be a PHENOMENON of NATURE.

Dr. Lisa Randall's cow in Warped Passages is much more palatable,

"uncertainty principle The basic principle underlying quantum mechanics that restricts the accuracy with which pairs of quantities (such as position and speed) can be simultaneously measured."^A

Her book is currently Numero Uno on my list of books read about what is currently going on in physics theory and reality.

And we're back to precision and accuracy.

The *uncertainty principle* is applied when it's of benefit and ignored when it's not, just like religions and the WORD of GOD, in this case the word of a god. We have brought this out in previous Articles.

How can it be a TRUE PRINCIPLE &/or PHENOMENON of NATURE if it is not saturated throughout all of NATURE'S WAYS-MEANS-METHODS: *Physics*?

Let's apply it where I have never seen it applied, though I've tickled with it on numerous occasions and in numerous ways in the previous Articles and this Article.

At question are some of the published properties of quarks and electrons in current theory versus those calculated in this new theory?

Where do these properties have confirmation in current theory, but in atom smashers?

If they accelerate protons, electrons, or ions (an atom \pm electrons) or bundles of them to near the speed of light, measure that speed with precision then they can't be certain about anything that they measure after that including mass, charge, and position, et al.

Everything is even less certain after a collision.

Was the smash-up in perfect alignment?

It takes that spatial special three for perfection, speed of each; horizontal position in the accelerator tube; and vertical position in the tube. Oops, maybe it takes four, or five or more?

Is the electromagnetic field perfectly symmetrical around the tube at all locations and at all times? Can a Mag-Lev Train on its tracks outside impact the field? What about a flood that raises the ground water level and changes earth's local EME field around their atom smasher track?

Are the masses perfectly matched of the colliding particles?

We already know current theory sources vary on masses of their particles.

Are the intrinsic spins absolutely equal? Are they spinning opposed to each other? Are the axes of spins perfectly parallel? Here in this last one there is an additional dimension for they can be parallel in an infinite number of combinations. The added dimension to parallelism is that their axes must lie in the same plain.

Do they even really spin?

This in and of itself means that any of the results can only be a probability, (happenstance – a chance occurrence) and extrapolating meaningful meaning is full of uncertainty.

Yet, the men-gods of current physics theory have such great precision with their atom smashing result detection and measurement that they can ignore billions of crash-ups and pick out only the important ones and evaluate them. The billions apply to both the quantity of quarks in a smash-up and the number of smash-ups. And wouldn't you know it their god particle popped out of one of these smash-ups in July of 2012 just as their theory predicted.

If they can't explain them all, how can they explain any one at all?

This is the bits and pieces analogy to the very foundation of current theory. They are gods in their current physics experiments, result manifestations, and theoretical enchantments.

Yet, they are at odds with each other, and some think they've built a smasher that can create a black hole and eat the earth! Maybe the Mayans were off by 3 years on their calendar and 2012 should be 2015? Does Before Current Era and Current Era start with the death or birth of the son of

god phase? Or is the life of the son left out? Did a Pope not order that a few days be dropped from the calendar? When was the first hump day? What really is the calendar of the COSMOS?

The United States filed a lawsuit against the European Organization for Nuclear Research (CERN) charging that CERN's new particle accelerator (atom smasher) could endanger the planet.

In response Michelangelo Mangano's (Theorist at CERN) "Verbatim"³⁴, "The possibility that a black hole eats up the earth is too serious a threat to leave it as a matter of argument amongst crackpots." Snitched from TIME April 14, 2008. Just a note they have not pushed it to its maximum power yet!

I may be "Crazy" but I've never smoked or puffed (smoked without inhaling) crack or pot, so at least I'm certain I'm not a "crack-pot". Al (not Einstein) said he smoked pot and Bill said he never inhaled.

Men-gods thought the Titanic was unsinkable and now they think they've built a little machine that can birth a tiny, tiny black hole and eat the earth.

And history repeats itself and NATURE has a surprise in store for them.

And they still don't understand the Why & How of what is going on so they perfect their linguistics and mathematics with precision to string a line, a yarn, a tale, a guess so all can follow along.

Sounds like more brainwashing! Looks like a religion in and of itself!

No thanks, I will stick with NATURE and walk with HER, hand in HAND, in HER BULKS.

I will Humbly & Contritely hope on GOD in HIS II-S BULK! II-US _ PI-US _ PIOUS _ SCARED SANCTUARY for LIFE and not DEATH! Death, as I have said, I can't do anything about!

See anyone can play games with GOD! HE doesn't MIND! Just don't try and cheat on HIS NATURE or HIM! You might be surprised in the end! As a children's book I use to read to my son went, "Don't talk to STRANGERS!" If GOD is a stranger to you in the end, where will you be left to run to and hide in? Hell!

I'm not trying to cheat on you with this theory and its differences in some particle properties. That's why I'm open to challenges and try to bring them out of the dark and into the light right away.

As another lead in, let me share a couple of stories with you about a man's, and a god's ability to compete with the Precision and Accuracy of GOD'S NATURE.

And here is the jump; men, gods, and religions can be extremely precise and have absolutely no accuracy.

Hear (listen and think) the first story of a man who became a god.

There was a necessity for two shafts to be coupled together so they would appear to be homogeneous (that is look as though they are the same – one) to make a great machine run for it to produce great results and produce lots of clout [dough – cash – money].

Kind of like the theories of General Relativity and Quantum Mechanics: the search is still on for that missing link and the missing link to human evolution.

The old engineers thought and thought about the solution but couldn't come up with the repair, and were out in the dark. Kind of like all the dark stuff in physics today.

And today everyone likes to point out places where AI-E was wrong: myself included.

Then one day a young engineer without much experience (This story is not about me. I always preferred the fuzzy logic of fluids and thermodynamics to the precision of particles and machine design and being a gear head) came along and was hired.

He was told of the desire for a solution and he set about to come up with a restitution.

The quirk (twist) was that he was only told to find a solution for the problem. They forgot to tell him to think about the repair of the solution if it ever failed.

Of course nothing man ever does, fails! Oops, I'm starting to think and talk like a god!

We know everything of man fails in time within NATURE.

Will this include current physics theory?

Will this apply to this new theory?

He thought and thought and scribbled and scratched and drew. And one-day enlightenment appeared before him. "If I make two shafts with total length longer than the required shaft I only need come up with a method to connect the two so they are of the required length and look like one."

He thought and thought some more and then BANG it hit him:

"We have electromagnetic laser cutting equipment that can machine virtually anything we want down to an electron ball bearing". "In one shaft I will have a funnel with a spout machined, [kind of like a perfect tornado, a current theoretical black hole shape]. And in the other, I will have an equal and opposite shape machined [an anti-black hole shape]. A super-partner so to speak, such that when they slide into each other they join with perfect alignment and will be of the precise length and will look as though they are one".

Oops, nothing man does is ever perfect!

His next thought:

"Once I have joined them they must remain together. We cannot weld them for then that would require surface machining and they literally would become one instead of remaining two looking like one."

He then thought:

"I need a method of internally joining them; locking them together, that can't be seen from the surface?"

He came up with an idea of internal key ways with circular internal snap ring keys.

He set about unifying his engineering with specifications for materials and manufacturing criteria, means and methods, and making a perfect set of calculations and drawings.

He wanted to impress the old timers.

He scheduled a meeting and made his presentation. Everyone was so caught up in the magnificence of the solution, "It was if the two had become one!" they forgot to think about the future repair if one or both broke.

They built billions and made trillions. And the young engineer became the chief engineer of all engineers, the company god.

However, after several years of operation in the field the insert shaft broke. And what the field technicians found out was that the broken stub anti-black hole shaft could not be precisely removed without damaging the precision of the other shaft because of the internal key ways & snap ring keys.

A repair could not be made accurately. So both shafts had to be replaced. But, the unbroken one was integral to the whole machine, so the whole machine had to be replaced.

The lord of the company came to the god and advised him of the problem and asked for a repair.

The god fell to his knees and exclaimed,

"I was only told to find the solution not the repair!"

It cost them decillions: a Gravity sized Planck Bank account.

The whole company was shafted so to speak into bankruptcy!

The point of this story is that when we look back over the history of physics, and the advent of quantum physics, and all the work that has gone on up to this new theory its been all about solutions to problems within the WHOLE and never about the repair of the WHOLE.

This new theory is looking at the WHOLE letting NATURE M-EnD (repair) IT, both literally and metaphorically. She literally uses Matter-Energy & Dynamics to do everything with everything everywhere at all times. And metaphorically if we let HER, SHE will show us how to mend, fix and repair, our ways of thinking about HER and looking at HER *PHYSIQUE*.

Here's the rub, what's that old saying about doctors, "They make the worst patients!" So men-gods are going to be that much worse as patients for they think they can heal anything, themselves included, with stitching, stringing, warping, and cloaking.

I'm not a Doctor [PhD]! I'm not even a Master [MS]! Though, I must confess again, I'm pretty good at BS. And I can be one tough patient, and sometimes I'm not very patient! Just ask my son.

I promised you two stories, one of a man and one of a god.

In the last story sometimes a man is thought to be a god, but in the end they bow to GOD'S NATURE.

Here is the second story of a god {divine being} of GOD'S.

One day Gabriel was strolling through Heaven's Gate and stopped by the blacksmith's shop for some lighthearted banter. The blacksmith was well known for his cunning and wit. But today there was an odor of egotism that billowed from his banter {some might attribute this story to me – it's not} as he exclaimed,

"I have become like GOD for I have achieved PERFECTION with MY PRECISION!"

He continued:

"I have drilled a PERFECTLY PRECISE whole in the end of a tapered (one end bigger than the other) shaft."

Gabriel examined the shaft and the hole; he was impressed.

He reported it to GOD.

GOD was not so impressed, HE doesn't have much time for words of men, religions, or gods, and HE said,

"For ME: SEEING in SECRET is BELIEVING in SECRET! I must see the WHOLE!"

GOD went to HIS Master Machinist, and said,

"Lou Ol-Buddy, let's have a look at this marvel of your PERFECT PRECISION."

Lucifer filled with godly pride pulled out his tapered shaft with a hole drilled to PERFECT PRECISION in one end and displayed it before GOD on his anvil.

GOD glanced at it and said,

"Looks like a whole error in accuracy! The hole is in the wrong end of the tapered shaft."

And that's how it became to be said

"The devil is in the details!"

And GOD asked Michael to give old Lucifer the whole tapered shaft hole into the PIT.

And Lou of ancient of days has been pitting (idiom – more than words can explain) men against GOD ever since. Pitting in the sense of helping men define GOD the way they want HIM in their religions instead of letting GOD'S children listen to GOD through HIS WORD, and in the sense of stamping men's passports to HELL [DEATH in BULK₃].

And as they say, "The rest is history".

Fictitious or factual metaphorically, that's left to BULK₃ and need not be debated between you and me. For with GOD and LIFE after death it's all about being one on ONE with HIM in reality – Life: Exodus 20.3. "You shall have nothing before, between, or besides ME!"

In all humility, I try to see what GOD and HIS NATURE have in store for me in simplicity, and let others ponder the mystery!

The point of these two stories relates to the precision hunting, lacking accuracy, of current particle physics theory with extra dimensions.

And now they're trying to tie it all together with these near PERFECTLY PRECISE Vibrating Strings.

Maybe we should build a model on accuracy from SUBATOMIC to COSMIC. Then let it gain LIFE, or SUICIDE, in the precision of performance at precision of details over the WHOLE of NATURE, from $10^{-\infty}$ to $10^{+\infty}$. That's just what I'm trying to do with NATURE'S MEND.

The GUT first, TOE next, then the GET and finally UGET it in the end.

Why? Because nothing they have in current physics theory has spanned the WHOLE.

Current physics crashes at their theoretical black hole: massive gravity in minute size. And it is this black hole gravity that anchors the birth of their theory as it pulls the fart gas together from their stink hole into a sink hole. See again Figure 5.1 Current Theory Cosmic Creation Concept.

However, in Article 7, this new theory spanned their black hole deficiencies with Dark Hole realities. And energy could flow either way through the three holes of NATURE'S MEND COSMIC DARK HOLE: Black-Worm-White \leftrightarrow White-Worm-Black.

The gas [fuel – energy] of NATURE just keeps expanding until the end of TIME or, at least the growth cycle time of SD_nCME_n . With “n” being the number for the cycle that NATURE'S MEND is in. What cycle are we in today? The first? The Last? Or somewhere in between at 7,000,000,000,001?

So, so what if some of the properties don't match exactly, precisely, between men's impositions of uncertainty with linguistics and mathematics, and NATURE'S CONTAINMENT of PHYSICS?

There has to be a difference to make a difference and if they are uncertain about their individual properties then they are certainly more uncertain about the differences in properties.

If the general characteristics of what is expected (spin, charge, relative size) come out in the COURSE of NATURE'S MEND then the theory must be on solid ground from an accuracy viewpoint.

Did most of these not come out in Article 4 and Article 6 and match almost exactly with what was expected in Common Space understanding today?

For example in current theory es & qs don't really spin. Men-gods to support the results have endowed the spin in current theory solutions and it is called *intrinsic spin*.

“The name is very suggestive, but the ‘spin’ of particles does not correspond to any actual motion in space. But if a particle has intrinsic spin, it interacts as if it were rotating, even though in reality it is not.”^A As proclaimed by the goddess Lisa Randall in “Warped Passages”.

But, in this new theory particles are spinning in reality, and the theorist didn't endow it with it. It came about as part of the NATURE of NATURE in this new theory. And the two particles, one quark and one electron spun with the needed value to match the expected results.

Maybe it's spinning so fast they can't see it move. Remember it is really light and can really speed, maybe even at light speed.

Have you ever turned a light on and seen its speed? It moves so fast over short distances it looks like it never moves, but is everywhere in an instant.

If there are additional characteristics in this new theory that delve into the core of NATURE beyond current theory or just explain it, then it must be given stronger consideration. And that seems to have been the COURSE of NATURE in CNPE ∇ M-EnD all along: uncovering NATURE'S depths without the imposed precision of men-god's languages.

Take a close look Table 8.1. Particle Properties. And this new theory has particle properties that fit with what SHE does and what their understanding of HER is in Common Space. Read the notes: has another Crisis been averted by NATURE'S MEND?

They can't agree if quarks are bigger or smaller than electrons for they have never observed a lone quark in their atom smashing. And some go back to argue their particles are just point particles which means they are nothing at all – just a point. Because Qs bind at 0 distance they can be bigger inside the observed distance scale of electrons.

How did they come up with intrinsic spin? They are still experimenting with quark spin in their gnat smashers.

How did they come up with their quark charge values: it's interesting to research this online. Just a note: some gods are now debating whether quark fractional charges really exist and if quarks even really exist.

The gods of current theory are at war over their very own theory and the properties of their particles just like their sons of god were in their beginning for their pope little big bang.

Is current theory about to have its own big bang blow up?

One of their gods, Mr. Steven Hawking, is even partially supporting this new theory by now calling current theory black holes - gray holes, like I did in letters to gods in 2008 and in Article 7.

In this theory there is one Quark and NATURE'S MEND spins it. Its size to electrons is a ratio and it is 648 times the mass of an electron which is a little bigger than current theory. It has a radial charge of 1. It is the spinning that drives this charge that drives the 3D surface charge which drives them to join in that spatial specialty of three like quarks in one trifoliate. Out of this trifoliate union of quarks the fractional charges come about geometrically with Trigonometry [Goliath Math] allowing one quark to have different apparent [looks like it – but not really] fractional charges.

With these particle properties and motion let's get back to the basics of this Article, the fourth subatomic cube of containment and NATURE'S How & Why.

To start let's look at the monatomic hydrogen [one atom] H_1 and see where NATURE goes.

A lead can be a string with men's linguistic uncertainties. And let's be clear, I'm not trying to string anybody along. I'm just undressing NATURE and letting HER, expose HERSELF and show us HER BARE ESSENTIALS.

Why use a monatomic hydrogen atom? Because it contains the minimum number of ps (particles) one p (proton) made up of 3 of one type of qs (NATURE'S one quark) & 1 e (electron) and we want to mind our p's & q's, especially when it comes to NATURE.

TABLE 8.1 PARTICLE PROPERTIES

ITEM	SPIN		CHARGE		BINDING FORCE		RELATIVE SIZE	
	CURRENT THEORY	NEW THEORY	CURRENT THEORY	NEW THEORY	CURRENT THEORY	NEW THEORY	CURRENT THEORY (MASS)	NEW THEORY (GEOMETRY)
ELECTRON [e] (Discovered 1897)	1/2	1/2	-1	-1	WEAK	WEAK	1	1
PROTON [P] (Discovered 1911) (1) (2) (3)	1/2	1/2	+1	+1	STRONG	STRONG	1836e	~1944e
NEUTRON [N] (Discovered 1932) (1) (3) (4)	+1/2? or -1/2?	-1/2	0	0	STRONG	STRONG	1839e	~1945e
PROTON [P] (1) (2) (3) (5) (6) Q1 up	1/2	1/2	+1	+1	STRONG	STRONG	611 [8.5]	648 [8.65]
Q2 up	1/2	1/2	+2/3	+2/3	STRONG	STRONG	611 [8.5]	648 [8.65]
Q3 dn	1/2	1/2	-1/3	-1/3	STRONG	STRONG	614 [8.5]	648 [8.65]
NEUTRON [N] (1) (4) (5) (6) Q1 dn	1/2	1/2	0	0	STRONG	STRONG	614 [8.5]	648 [8.65]
Q2 dn	1/2	1/2	-1/3	-1/3	STRONG	STRONG	614 [8.5]	648 [8.65]
Q3 up	1/2	1/2	+1/2	+2/3	STRONG	STRONG	611 [8.5]	648 [8.65]
ELECTRON [e] (7) (8)	SPIN		CHARGE		BINDING FORCE		RELATIVE ENERGY	
	1/2	1/2	-1	-1	WEAK	WEAK	0.5, 0.54, 0.511 [0.52]	(10)
PROTON [P] (1) (2) (3) (5) (7) (9) Q1 up	1/2	1/2	+1	+1	STRONG	STRONG	3, 4, 7, 2 [3.2]	(10) (11)
Q2 up	1/2	1/2	+2/3	+2/3	STRONG	STRONG	3, 4, 7, 2 [3.2]	(10) (11)
Q3 dn	1/2	1/2	-1/3	-1/3	STRONG	STRONG	7, 7, 4, 5 [6.5]	(10) (11)
NEUTRON [N] (1) (4) (5) (7) (9) Q1 dn	1/2	1/2	0	0	STRONG	STRONG	7, 7, 4, 5 [6.5]	(10) (11)
Q2 dn	1/2	1/2	-1/3	-1/3	STRONG	STRONG	7, 7, 4, 5 [6.5]	(10) (11)
Q3 up	1/2	1/2	+2/3	+2/3	STRONG	STRONG	3, 4, 7, 2 [3.2]	(10) (11)

NOTES: (1) Quarks [Q] were postulated in 1964 by Gell-Mann & Zweig independent of each other.¹ The up & dn quarks were discovered in 1968 at SLAC [Stanford Linear Accelerator Center].²
(2) In this theory quarks really spin in the real world at 1 when free. In 3 as a P they slow to a 1/2 spin geometrically. The other 3, 1/2 spins go over to the P.
P (3Qmasses @ 1/2spin)/(3Qmasses) ⇒ Pmass @ 1/2 spin without a CRISIS in P spin. Proton Spin Crisis is another unsolved mystery in current theory. NATURE'S MEND scores again.
(3) In this theory there is only one Q. Its density is the same as an e which allows volume to be used to calculate Q mass in e-mass. Q mass is ~648e. See Article 6. P mass is ~1944e.
(4) Research shows either +1/2 or -1/2 spin for the N in current theory. In this theory an N is an upside-down P with a hidden e [The hidden e does not change the charge]. Thus N spin is -1/2 and the N mass would be ~1945e. The 1 Q in 3 for a P & the e as an N allows an N to decay to a P & a free e simply-elegantly-conservatively to fit current theory.
(5) Q charge was calculated geometrically and the new theory Q can have either the charge of the up or dn Q of current theory. See Article 4 & 6.
(6) RELATIVE SIZE of quarks is shown in e-mass and [spherical diameter].
(7) RELATIVE ENERGY from current theory is shown in MeV from three sources (Warped Passages, Elegant Universe, & Scientific America) along with calculated averages [x.xx].
(8) The current theory RELATIVE ENERGY varies by 8% on the es. This just proves the point of uncertainty in men-gods measuring subatomically in atom smashers.
(9) The current theory RELATIVE ENERGY varies by 135% on up qs, and 48% on dn qs. This just proves the point of uncertainty in men-gods measuring subatomically in atom smashers.
(10) There were no particle RELATIVE ENERGY CALCULATIONS done in this theory at this time. That is left for future bulking.
(11) As there is one quark in this theory the average RELATIVE ENERGY of the current theory up quark at 3.2 MeV will be used in later calculations of fusion and fission energy releases.

Starting with the least seems to be the simplest. See Figure 8.1 Hydrogen Formation at Natures Core. This would be in between the Precipitation Force and the Strong Force. This is e-birth from Article 4. It is drawn showing relative size differences of quarks and electrons that were established in Article 6. Also shown are right handedness vectors in green (positive) pointing out of the paper and associated spin vectors in blue for the quarks.

Remember handedness vectors are nothing more than the direction your thumb points when you lay your hand along an arrow, a pen, or a pole and then wrap your fingers around the object. The direction your fingers wrap around the object denotes the direction of the spin vector. Put your right thumb on your nose and curl your fingers for right-handedness. Can you see what I'm saying?

Now if we look at the electron in Figure 8.1 with the spin of the e induced by the spin of the quark trifoliate it spins in the opposite direction and thus the handedness vector points in the opposite direction, into the paper, and is shown as a red "X" in a red circle (negative).

We complete the e-birth with binding of quarks and electron capture and we have monatomic hydrogen. See Figure 8.2 Monatomic Hydrogen. This figure includes the some of the particle properties derived in other Articles.

And wouldn't you know it, it is NATURES first element of a hundred plus elements, yet, they're currently not sure How & Why or Where it belongs in the eight classes of elements on the periodic table of chemistry [element chart] in Common Space. So they even have some confusion [lack of basic understanding] in Common Space in their theory.

What else is special about this element?

The trifoliate (three combined) of quarks has an induced torque, which is a conservation of momentum from a spin of 1 on individual quarks to a spin of 1/2 when confined in a trifoliate: discussed in Articles 4 and 6 and shown in Table 8.1. No crisis in this spin.

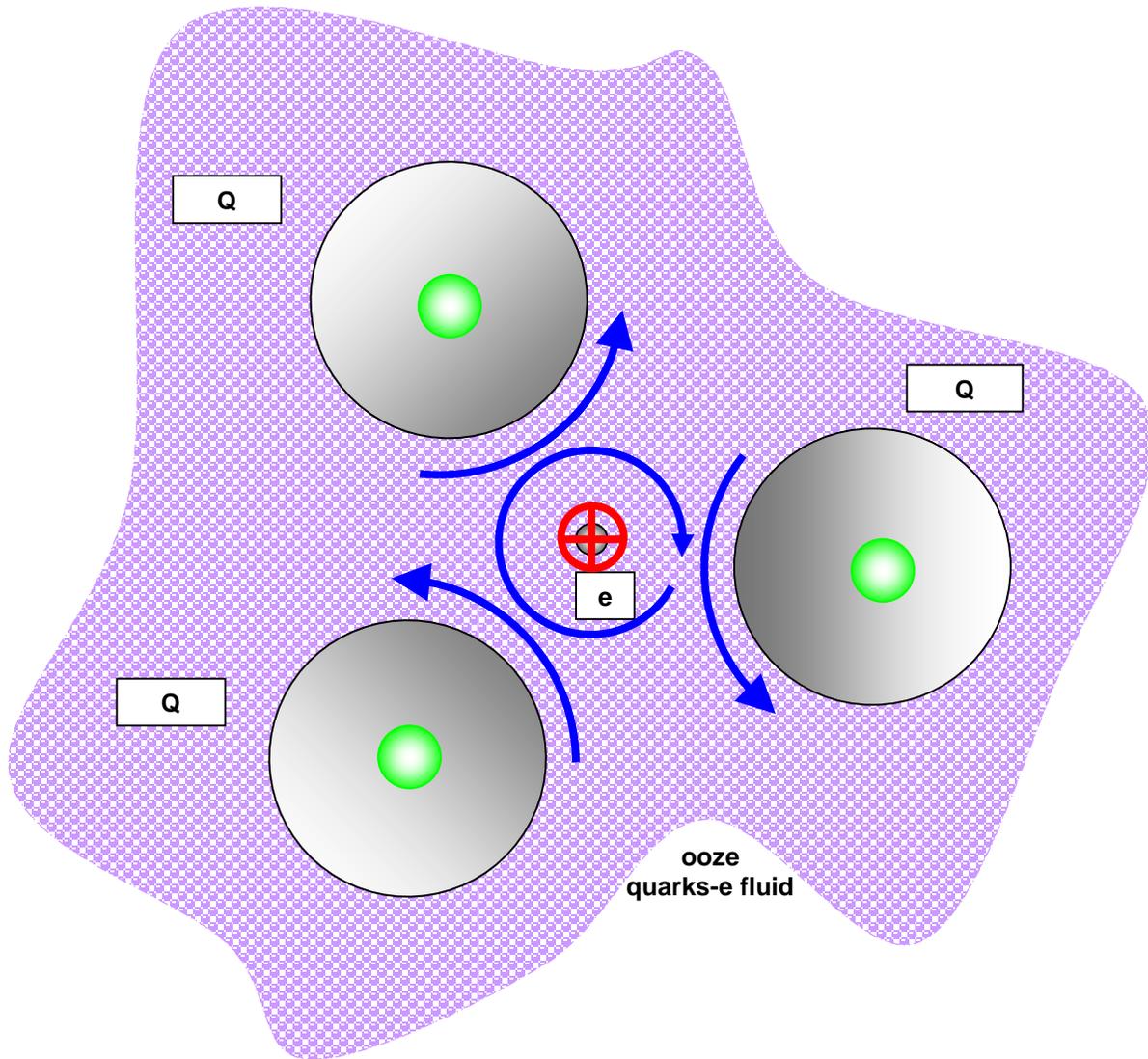
Note: when you look at the e it maintained a right handedness configuration same as the quarks. The significance of this will come into play later. And it spins oppositely accounting for an opposite charge sign.

When you look at the e in the 2D of Figure 8.2 it looks like the spin vector [blue arrow] is fighting with the quarks. It's not! You need to look in the 3D [that spatial specialty of 3] and on the bottom of the e the spin vector points in the opposite direction which is in line with the quark spin vectors and all 4 spin in unity. It's much like the earth's orbit velocity vector around the sun points in one direction in the spring and the opposite direction in the fall.

Two things we know about hydrogen is that it likes to be diatomic [two monatomic atoms joined] H_2 instead of H_1 , and blowup as H_2 .

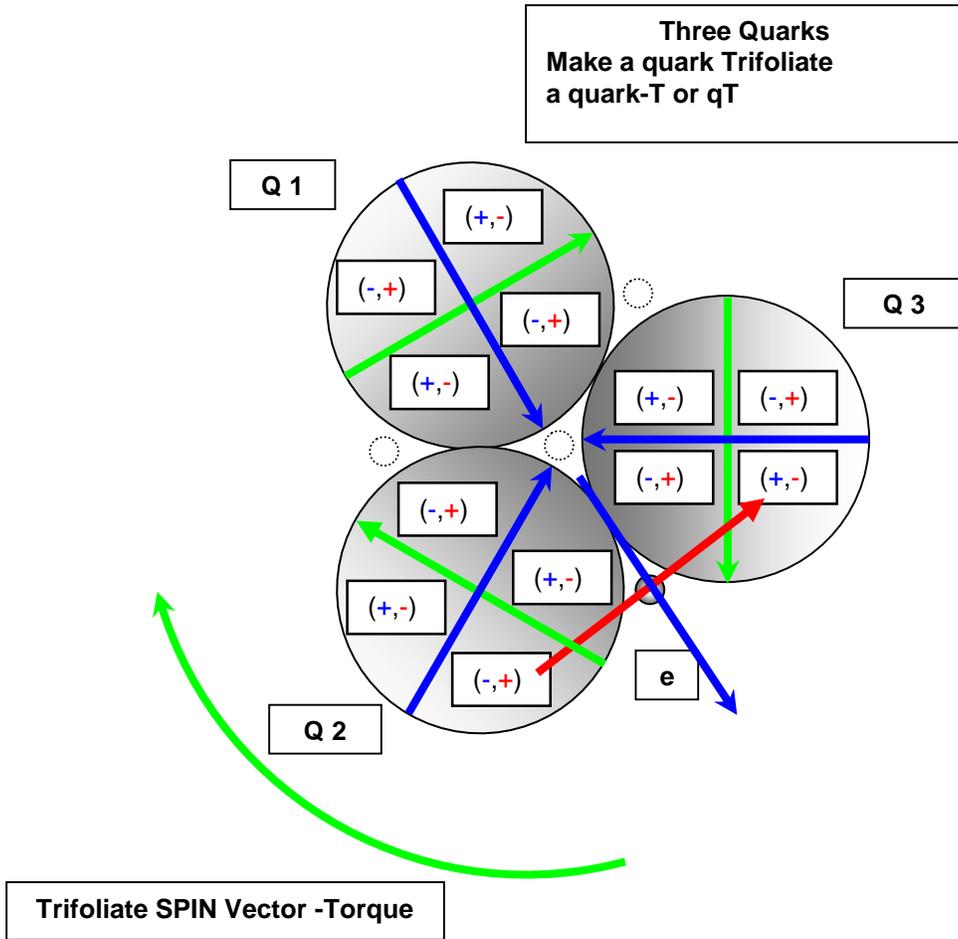
But, before we blow it up, let's take it apart then put it back together again.

The $H_2 \leftrightarrow H_1$ fusion reaction zone is really the boundary layer between Origin Particle layers L5 and L4. I have written the H_2 first because like current physics practices, we are going to move from outside in for taking H_1 apart. Thus H_1 can be considered the boundary layer entry element into L4, into particle physics. See Figure 8.3 SD_1CME_1 Super Discus₁ of all Cosmic Matter & Energy Cross Section (Pre TRUE BIG BANG). Note again the name has evolved to account for the evolving change in shape. This is just more refinement of HER receipt card.



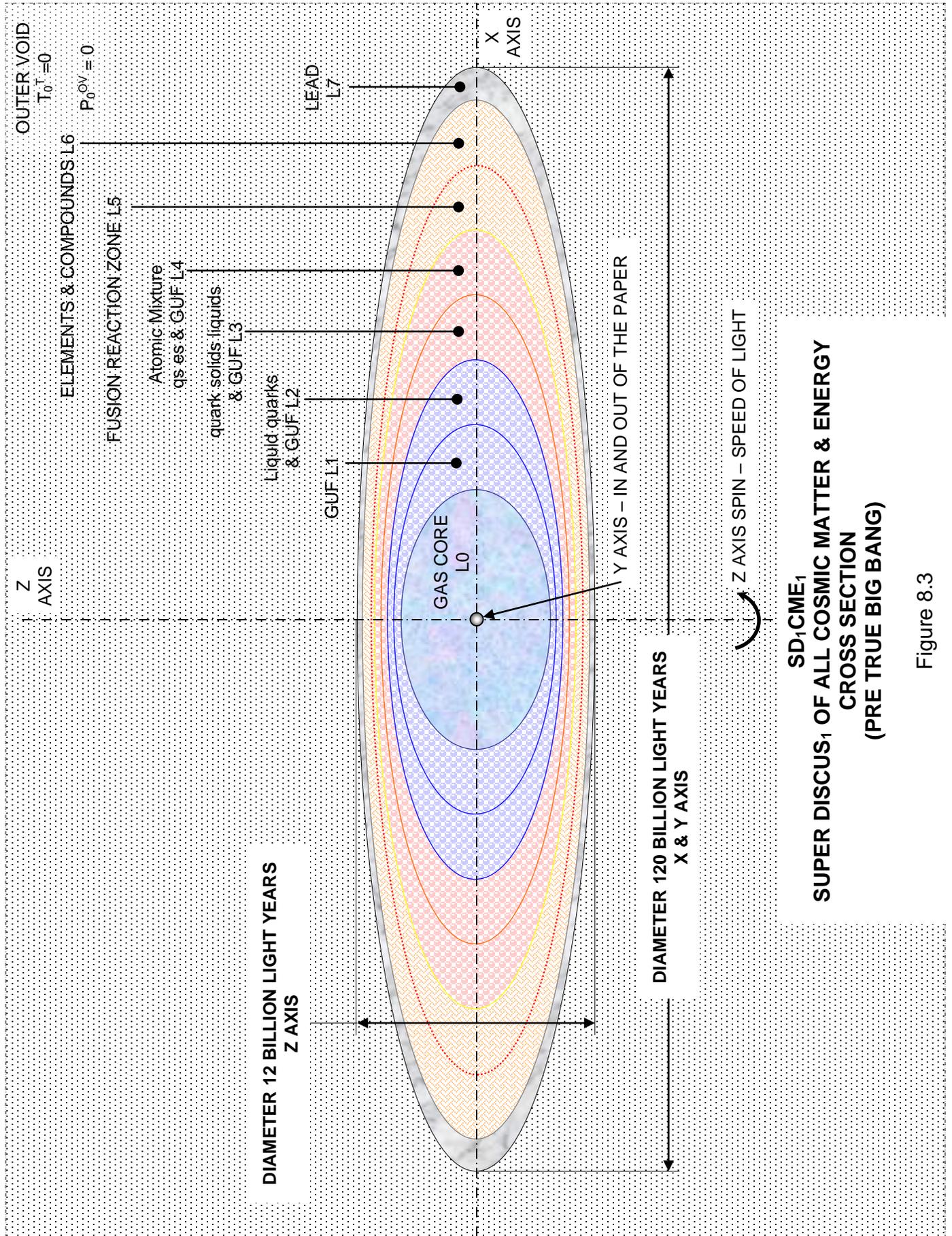
**HYDROGEN FORMATION
AT NATURE'S CORE**

Figure 8.1



MONATOMIC HYDROGEN

Figure 8.2



SD₁CME₁
SUPER DISCUS₁ OF ALL COSMIC MATTER & ENERGY
CROSS SECTION
(PRE TRUE BIG BANG)

Figure 8.3

Here comes a quantum jump with the SD_1CME_1 . We don't see this dramatic squashed discus shape in planets in our Common Space Outer Space, though it does appear at the galactic level in the shape of our Milky Way.

And here's the jump. The pressure in Common Space Outer Space is positive [current theory dark energy] [this theory's remaining Centrifugal Sling & BLEVE Detonation Energy]. Thus the positive pressure tends to force objects to hold their shape and shred into spheres unless they blow up in little big bangs. And the pressure in Outer Space at the beginning of the BLEVE was much higher than it is today in this theory, and Outer Space from quasar indications, so the shapes would have remained flat until objects shred to spherical planets. For example: Our earth poles are only squashed by 3/10 of one percent after shredding to its spherical shape after our solar little big bang. It just takes time for things to take shape after any bang no matter what size.

However, with SD_1CME_1 and any other SD_nCME_n [Origin Particle], the Outer Void, which can also be called the BOSS because all Matter-Energy-aNd-Dynamics is contained in the Origin Particle, pressure is zero (0). And thus the SPIN of the Origin Particle through centrifugal force can push the equator out and pull in on [squash] the poles way more dramatically, most likely much more than I have indicated in the figures and cause it to have a cross section much more like our very own spiral galaxy though its whole because it hasn't fractured [blown up] yet.

The first step in taking the H_1 -atom apart is to remove the e from it.

What is it that binds an e to the H nucleus? Charge, we know this from both current theory and this new theory of NATURE. The es are negative, and three identical quarks in a proton combine to be positive. And as we all know opposites attract.

The Weak Charge force binding es to Ps of NATURE'S Phenomenon of Electro-Magnetic Energy [EME] will be used to drive the e off.

Thus at some point the EME has to be stronger than the weak. But it is weaker than the strong. The Strong Charge force binds quarks together and they can stay together without an e and that is known as a P [Proton].

The e is now free to spin in layer L4 of the OP and it does so right-handedly and moves fluidly as part of the ooze – quarks-e fluid.

We may not be unified, but at least we're overlapping strengths and handedness spin.

A stronger EME force must bind qs, and we're ready to take them apart with more EME.

The next EME force needs to be stronger to separate the q's and thus we have a Strong Force denomination in current physics theory and in NATURE'S MEND.

So this theory doesn't really bash the current theory. Though, I know it seems like it with all my god comments about the current theorists. It builds on it.

NATURE'S MEND glides with it in understanding. And NATURE'S MEND strides (Planck Steps – Quantum Jumps) beyond it with the How & Why of Inner Space Play in a Common Space way.

I think SHE has already striven past it in Outer Space with Articles 5 & 7.

We can now Quantum Jump into the gap of subatomic energies, the unknown void between Weak & Strong Forces and Planck Energy, in current physics; and into NATURE, the abyss [darkness – lack of basic understanding], beyond current atom smasher commanding.

For, if an e can be free with enough energy, a q with more energy will also likely be free.

And we can ask,

“What’s going to happen at contained and sustained energy levels where all q’s and e’s are free?”

This would be at relative energy comparisons where the strong are the weak and the weak are gone. This would be the boundary layer between OP Layers L4 & L3.

Remember the hint on the importance of es having a right-handed spin vector just like quarks?

If everything is spinning right-handedly and free then there is limited distinguishability (Can’t tell them apart). And if you can’t tell what’s what or where what’s what it can be considered a fluid state – a Grand Unified Fluid [GUF] state. GUF is really a mixture of free es and qs with lots of EME stuff.

But this state is not necessarily a frenzied or chaotic state as concluded with the last sentence of the Uncertainty Principle in current theory, “This implies that the microscopic realm is a roiling frenzy, awash in a violent sea of quantum fluctuations.”^B

It is Contained and Controlled by NATURE’S Matter Energy aNd Dynamics. And in and of itself that is what defines a reaction process: Contained Chaos needing frenzied control for energy balancing to maintain smooth uninterrupted processing. NATURE has enough Matter Energy aNd Dynamics with the Pressure and Temperature inside HER OP to contain and control all motion.

NATURE can fuse where man has failed as we have discussed before! Thus if SHE can fuse it SHE can un-fuse it [take it apart] and put it back together – Star Birth.

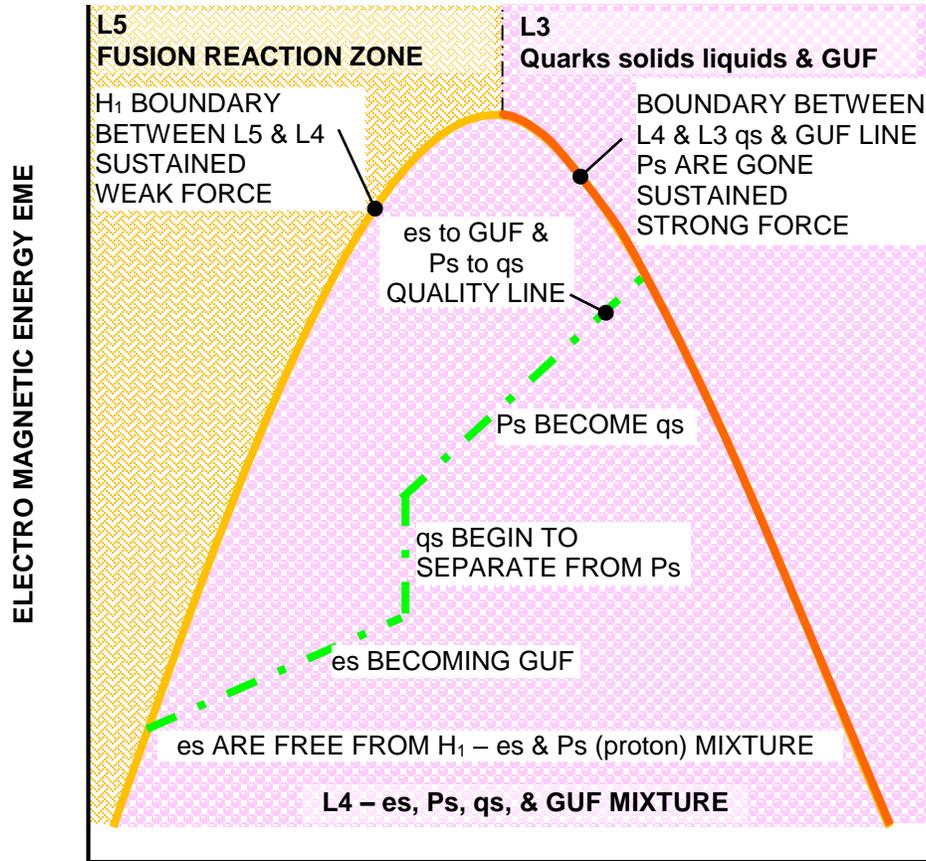
Current reality is that men-gods sustained and maintained fusion reaction is only a science fiction dream, like artificial gravity. They are working on many experiments, but I’m not sure they have sustained any past a second. Though, they have let some fusion experiments run wild in thermonuclear bombs. Politicians, “Masters of War”⁶⁰, whatever it is, use it for evil and if it works there may be some good can be found in it someday?

In HER CORE PROCESSING FACILITY, the ORIGIN PARTICLE, NATURE controls temperature and pressure to do HER work [Fusion] which has been touched on in the previous Articles.

HER processing can be charted along the K^2 guise of Keenan & Keyes’ Temperature – Entropy Chart³⁵ of the thermodynamics of water [fluid] to steam [gas]. Credit also Hill and Moore. Entropy goes down as you move to the right on all K^2 Charts.

See Figure 8.4 Force Unification L5 to L3 in EME

Therefore a more CORE or FUNDAMENTAL condition of NATURE inside particles (the limit of current theory) is a fluid state not a vibrating super string state. And we have what has been previously noted as a quarks-e fluid which is quark solids, electron liquids & GUF in L3.



PHASE CHANGE

FORCE UNIFICATION L5 to L3 IN EME

Figure 8.4

And along comes another quantum jump.

With everything free and spinning in a right-handed configuration all charge signs are the same and EME repulsion of like charges keeps them apart. They maybe really hot because of their temper_ature, but they're not frenzied because the pressure just keeps them from getting frenzied – out of control.

Now with unified charges, particles are unified in spin, charge magnitude and charge sign. Thus we have one particle with both a mass of M_e or M_q and a radial charge of 1 and a spin of 1.

Here is a reminder comment to distinguish a difference in spin in current theory, and this new theory.

Oops, current theory has never gone to this depth inside of NATURE.

I guess it is only a clarification for NATURE'S WAYS, MEANS & METHODS. It is known that in this theory and current theory that in the Particle State the e has an intrinsic spin of a 1/2.

Remember, in the current theory this is an assumed characteristic to achieve continuity with observed outcomes and the electron really doesn't spin.

In this new theory of NATURE it was derived from a free quark having an intrinsic spin of 1 in the quarks-e fluid. When combined in a quark trifoliate the qs naturally slowed to 1/2 spin and expelled an e with a spin of 1/2. See Article 4.

However with NATURE'S MEND when in a liquid state the e again would match the quark spin, but in this case the quark is free and not in three so the e would spin equally and that would be at a spin of 1 you see.

And we're back to boundary layer effects of the previous Article keeping them apart. However, at this point, depth, in NATURE, boundary layer effects are unified in EME repulsion as like charges like to repel.

NATURE can maintain a fluid state under CONTROL in HER CORE Layers of HER Origin Particle with the BARE ESSENTIAL of EME [ElectroMagnetic Energy] that is stronger than fusion energy. Maybe this even occurs with stars – more opportunity for bulking?

Maybe EME has COSMIC boundary layer implications? This is another opportunity for later bulking of this new theory.

And NATURE'S MEND bridges the gap of General Relativity and Quantum Mechanics. In reality this theory tears them down and rebuilds a WHOLE NEW THEORY.

Now NATURE continues to pressure more EME on the quarks-e fluid as we move to and through the CORE LAYERS, to the very center of HER Origin Particle, the point of HER growth: the APEX of Unification in ElectroMagnetic Energy – EME Gas.

And another quantum jump is about to take place.

It's those boundary layers of EME. The EME boundary layers can be considered to be spinning and oscillating plasma arcs of lightning [NATURE'S Super Strings] that define the surfaces of EME spheres around the M_e and M_q particles.

However, because the EME is a volume, which makes it three dimensional, and a volume has a surface, which is two-dimensional, it cannot be a line or a string as they want to argue in current superstring theory extensions. And in the case of a sphere, the surface is uninterrupted by edges, unlike on a cube. The surface occupies three-dimensional space, and thus needs three dimensions to locate a point on its surface.

For a cube you need the third dimension of face (1-6) to know where the point is on the surface of the cube. It is that spatial specialty of three naturally.

If I want to find a point on a sphere – a ball what do I need to do? There are three approaches:

1. From the core looking out I need three angles, one for each axis of x, y, z from 0 – 360 degrees. Really simple and straight forward.
2. From the core looking out I can also use the dimensions of x, y, & z and if they are plus or minus. Recall the discussion of the 8-Cubist to 8-Wedgist transformation in Article 4 and Figure 4.8. Very simple and straight forward.
3. From the outside looking in as they do in current theory you need lines of longitude, lines of latitude, and hemisphere locations.
 - a. Longitude will locate the point on a line on the surface that runs from the very top of the ball to the very bottom. IE. From the North Pole to the South Pole along the surface, say through Greenwich London England. Kind of like time zone lines around the earth.
 - b. Latitude [a special one is the equator] will locate the point on a line that is around the ball. These lines have two distinct locations. One is in the top half of the ball and another is in the bottom half of the ball. The equator is special because it splits the ball in half. So with only two dimensions of a point on a spherical surface you have two possible locations. The Northern Hemisphere or Southern Hemisphere.
 - c. We need a third dimension to locate a single point on a spherical surface. And the third dimension references top or bottom hemisphere. This is the added dimension of north or south to lines of latitude and poles. And they can also be + (plus) so many degrees latitude for the top half of the ball, and – (minus) so many degrees for the bottom half of the ball. The equator is designated as zero (0) degrees.

So strings in current theory that are said to be one dimensional need to have their ends connected which makes them two dimensional. And then they need to spin to define the surface of a sphere which makes them three dimensional. Strings of current theory are imaginary and don't actually exist in NATURE.

Strings in current theory are men-gods linguistic and mathematic representations attempting to impose on NATURE. This is because men-gods are too high and mighty to stoop to NATURES LEVEL. They, as gods, need to impose on HER not be led by HER.

Where does that leave them relative to bowing to GOD? They don't want to, so they come up with their own god and his son: the Higgs Mechanism and the Higgs Particle [Higgs Boson]. That's also why they don't like to talk about what it was before their little big bang. At that point they're forced to talk about something outside of physics – a Transcendental Power.

This is a failure of men-god's linguistics and mathematics to explore and understand the How & Why of NATURE at HER CORE, to bare HER ESSENTIALS.

Let's you and I continue hand in HAND with NATURE, without all the overburden of men-gods and their BS – MS & PHDing as discussed in the previous Articles.

Thus, with more EME force the oscillations increase and the weakest or smallest succumb first and we jump from liquid M_e to GUF-e, a plasma. The spherical shape of the electron has been lost: they become amebic, a single odd shape cell of EME. And we have our mixture of quarks-e fluid and GUF. We have a mixture of the ooze noted on Figure 8.1.

As we continue through the layers of NATURE'S OP headed for the core, all M_e becomes GUF_e as NATURE adds more and more energy. Because of the small diameter of the es and the strength of the EME they pop [lose their shape identity] in the GUF.

Then as more energy is imposed by NATURE from the NATURE of the Origin Particle on HER other BARE ESSENTIAL particle, the quark, the boundary layer EME on the surfaces of M_{qs} increases frenetically and at some energy level they begin to fail [spherical identity is lost]. And we have a mixture of M_q and GUF-q and GUF_e .

However because the characteristics of M_e and M_q are unified and at the fluid phase mass is also unified we have a unified fluid as GUF-eq, GUF_{eq} or just GUF.

See Figure 8.5 Force Unification L3 to L1 in EME.

And as NATURE'S containment energy continues to increase to the core we have all GUF becoming EME Gas. And all of everything is unified in a gas of EME, in $G_{qe}EME$ – GEME, a GEM of NATURE at the core with all forces unified by that Natural Phenomenon of EME in spinning motion.

See Figure 8.6 Force Unification L1 to L0 in EME.

And NATURE'S Matter Energy and Dynamics are unified in singular simplicity as PURE ENERGY without entropy at the EME GAS CORE of the Origin Particle.

Thus entropy can also be considered a state of increased complexity in duality as an impurity in PURE ENERGY.

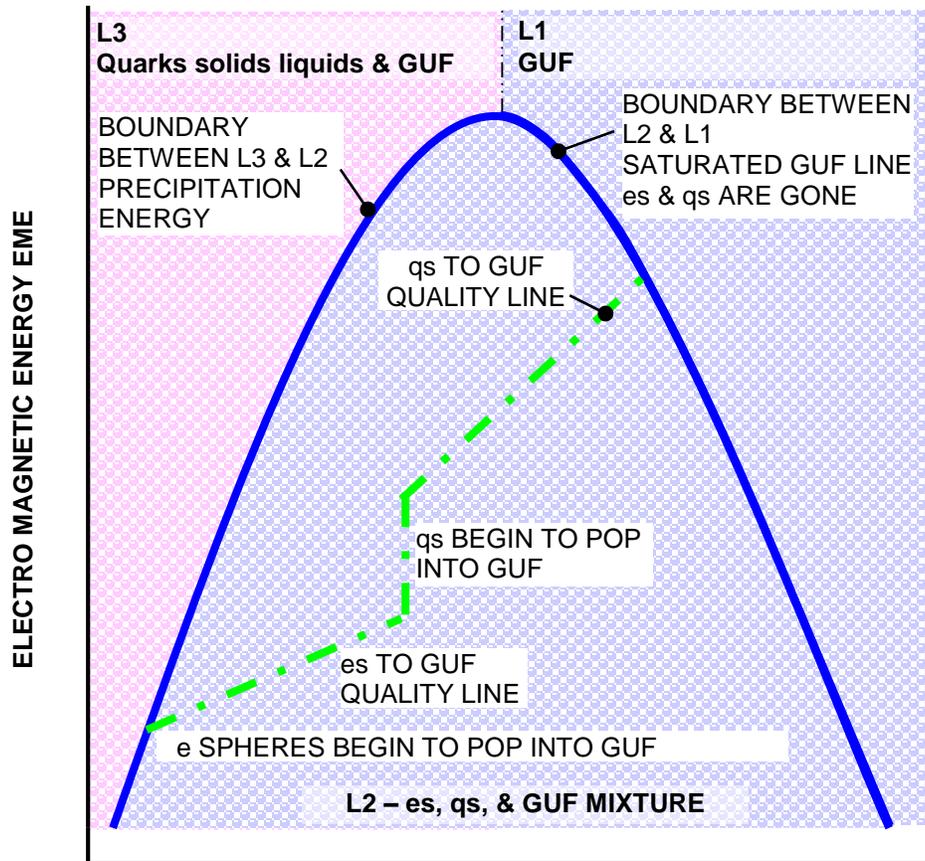
NATURE'S CORE in the Origin Particle and in the DARK HOLE of the COSMOS has entropy of zero. As you move away from both cores the entropy increases dramatically. And when the OP has its TRUE BIG BANG entropy goes everywhere frenetically. Could dark energy be dissipating entropy?

All of this is part of the simplicity of the Geom-Geo of NATURE, a TRUE GEM, a BARE ESSENTIAL: the most from the least: Everything in $BULK_1$ from one thing in $BULK_1$, EME Gas. Then the EME Gas goes to GUF to one quark that joins as three and adds one e to everything internally in the OP, and then a BLEVE to everything in $BULK_1$ externally in Outer Space, all in simplicity.

Both theories have gas in the beginning. The origins of theirs undefined. The origin of NATURE'S we just defined.

Now they have theorized a fluid from some experimenting at some atom smashers.

In April of 2005 the scientists at the RHIC (Relativistic Heavy Ion Collider) at Brookhaven National Laboratory in the United States suspected the formation of what they call quark-gluon plasma at very low viscosity.



FORCE UNIFICATION L3 to L1 IN EME

Figure 8.5

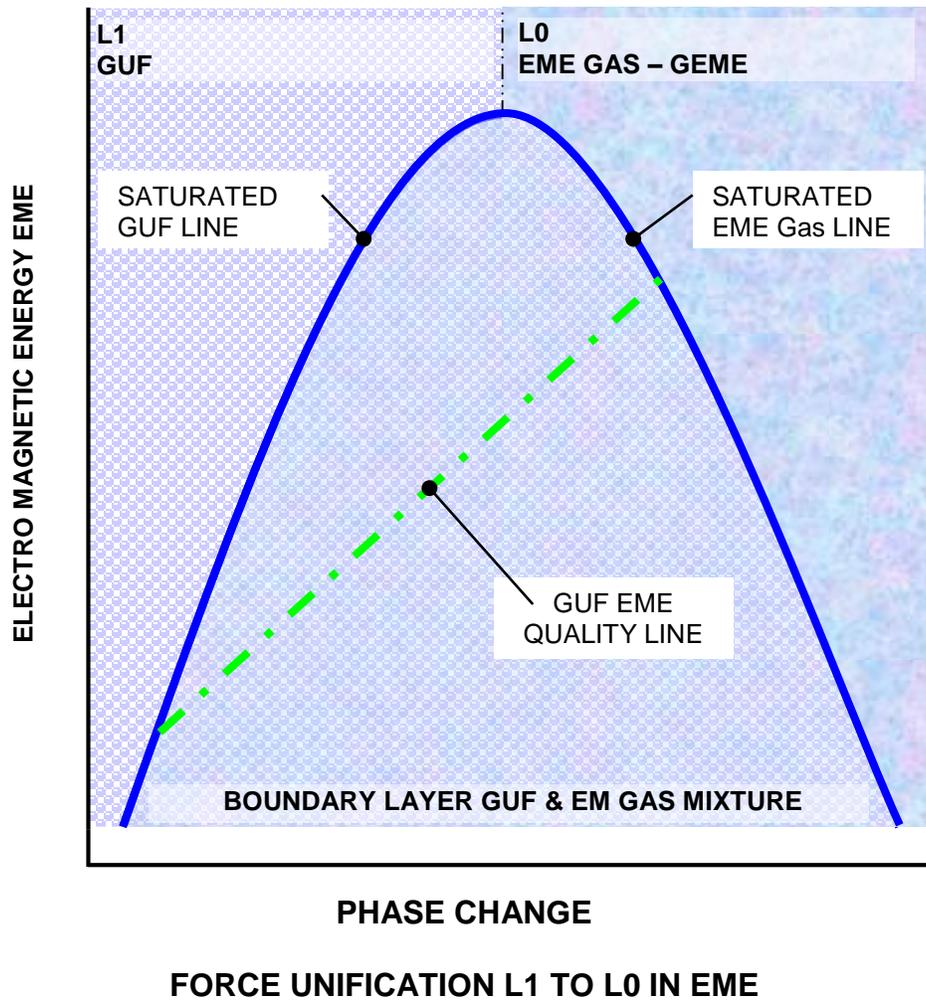


Figure 8.6

They achieved this by smashing groups of gold ions together. They projected the temperature of this plasma occurrence to be around 6.75 trillion degrees F (3.75 trillion degrees C), which would put it near the inner surface of L4 of NATURE'S Origin Particle.

Currently both the RHIC and LHC are working to reproduce this plasma. The LHC is using Lead ions for their testing. The internet has several good articles about the quark-gluon plasma.

Let's dissect their quark-gluon plasma just a little bit.

Quarks have been dissected enough.

But what are these gluons?

A Gluon is their massless particle that is to communicate their strong force and hold quarks together. They need these gluons because their quarks don't spin so they don't have an inherent surface charge built that allows them to stick [be glued] together as NATURE glued them together with opposite charges attracting in Article 4.

They guess in a mess of a theory that is full of entropy [chaos] [darkness] [lack of basic understanding].

And NATURE'S Matter Energy aNd Dynamics drives for the MEND [Fix and Repair] of their darkness in a lack of basic understanding with simplicity as SHE just went from solids to liquids from the outside in, in Figures 8.4 and 8.5.

However, their current theory indicates that this quark-gluon plasma should be a gas. Though, it has shown up as a liquid. And what was theorized in Article 2 with the M-EnDing Viscosity Magnitude Map? That with more imposed energy particles would become liquids. And because of the Force and Viscosity Magnitude Maps they should see a liquid before they see a gas because they are probing from the outside in or right to left on the maps.

And again NATURE just demonstrated this with the guise of the K-squared Charts.

They also believe that they are seeing what they call a cooling effect with this quark-gluon plasma discovery.

Remember they are measuring everything electronically from electric signals of the gnats smashing.

Let's consider this charge cooling effect as the form and look for the matter [cause] in NATURE'S MEND as Aristotle and AI-E would do.

As the ions of gold or Lead smash they are traversing [moving across] the K-squared Charts of Figures 8.4, 8.5, and 8.6 from left to right. The thing to note about these charts is that you can jump layers at the top of the charts. Thus you can jump from L5 where their ions exist as particles to L1 where the particles exist as a fluid or even to L0 where they would exist as a gas, with the super high impact energies generated from smashing spheres. Remember the impact area goes to zero so the impact pressure goes to infinity.

What happens electrically when you pop a proton apart and the quarks are free? And in simplicity the quark trifoliate torque goes a way, which relates to a drop in charge electrically and you have their perceived cooling effect. That was easy.

Let's take one more look at this. The charge doesn't disappear, it isn't lost. It goes back to the free quarks which pick up the released charge as they speed up their spin from 1/2 to 1. And again in simplicity NATURE'S MEND encapsulates their cooling and is conservative in doing so.

The current theory also predicts that this plasma was present within 1 millionth of a second after their Big Bang.

NATURE'S TRUE BIG BANG would achieve this prediction by having both a gas and a liquid present with layers L0, L1, L2, L3, and L4 instantly spewing out all over the equatorial plane at the speed of light after the BLEVE (Boiling Liquid Evaporating Vapor Explosion) of HER Origin Particle.

NATURE'S MEND continues to quantum jump over their darkness with simplicity.

Everything from one thing in BULK₁ of NATURE'S MEND combines with fusion and then *chemistry* to build everything in BULK₁ and BULK₂ with one exception.

The exception is living things whether evolution does or doesn't apply in BULK₂.

We will let it apply for this mind's eye, look at our exception.

In the animal kingdom why is man (generic) such a different animal (unique & rare) in BULK₂?

Why have we evolved to be the weakest in NATURE?

If you take away all of our technology in a day with a global natural catastrophe [a kaleidoscope of calderas releasing all their energy] where would we be?

Left out in NATURE with our bare essentials to be the first not to be!

I told you I couldn't do anything about death!

Could we be because of ONE thing from BULK₃? Could GOD exist and have conceived a soul into us? Could SHE-HE have breathed LIFE into us? We will get to this in the end!

Let's go back to BULK₁ Physics.

We no longer have particle *physics* in current theory; we have *unified gas physics* in NATURE'S MEND [Fix & Repair]. And we have leapt right through the imaginary forest of vibrating superstring theories.

Even more specifically we have Unified Matter-Energy *physics* in an EME GAS with lots of Dynamics. And we have an ABSOLUTE of NATURE, the CONSERVATION of MASS ENERGY and Dynamics in HER PHENOMENON of ELECTROMAGNETIC ENERGY GAS.

And we have the GUT of NATURE, literally and metaphorically, from NATURE by NATURE. We are in the tummy of the tootsy₂ and have a Grand Unification of Forces, the Grand Unification Theory (GUT) because there is no force of gravity in this new theory.

Men-gods in current theory have not been able to conceive it with their linguistics & mathematics or imposing atom smasher antics.

Do you remember what entropy is from the previous Articles and the discussion above?

Just maybe entropy is nothing more than lost EME that in time can come back again by being recycled in NATURE? SHE could be the Ultimate Conservationist! And GOD the ULTIMATE CONSERVATOR!

No doubt someone will now ask, "What happens when more energy is added?"

A quantum jump, an event horizon of Darkness, that's the leap of energy, because after the collapse of the COSMOS all energy is being absorbed in NATURE'S process of elemental fusion without gravity.

And at some point this process consumes all external energy (All the energy in the Universe). And that's where darkness begins, because if there's no external energy there's no light. It all depends on NATURE internally, "And DARKNESS is upon the face of the deep." ^E Its not 1D or 2D or 10 or 11D, its 3D and changes over NATURES ABSOLUTE of TIME.

If we look at our OP we have at the core, a volume of G_{qe} of $4/3\pi R^3$ and the OP can be defined volumetrically with one dimension and one indeterminate constant though the one dimension is cubed in the calculation as it was in Article 1. The formula for calculation becomes a little more complicated for discusses but it can be related back to one R and π .

And it is the same with GOD (the ONE INDETERMINATE CONSTANT) and three of reality: you're born, you live, and you die. As far as the fourth dimension of LIFE or DEATH AFTERLIFE, GOD decides, or maybe HE lets you decide. And we are back to what's special about 3D in NATURE and HIS NATURE over TIME.

We need to look at NATURE internally, at HER energy to understand what happens. Because we can't add any more energy if NATURE has consumed all the energy we had to add from the collapsing Outer Space, that becomes the Outer Void the Beyond Outer Space Space of the OP when its empty. This means there is a limit to COSMIC Energy. $E_{MAX} = m_{COSMOS}C^2$.

Are you ready to get bare and swim around in the womb of NATURE before HER TRUE BIG BANG?

Oops, we are already in HER tummy, so are you ready to be born anew in theory physically, chemically, mentally in reality?

All of NATURE in Matter – Energy & Dynamics (M-EnD) from inside Planck Scale to COSMIC Extreme, is UNIFIED inside the Origin Particle of the COSMOS NATURALLY PROCESS ENGINEERED - CNPE \sphericalangle M-EnD.

It all comes down to a time and a place for everything, "A season is set for everything, time for every matter under heaven"^E, and is within the HANDS of a POWER, a GOD of some sort. If I recall correctly, there is a song about this from the 1960s or 1970s called "Turn! Turn! Turn!"³⁶, by the Byrds.

Is current theory physics about to take turn: an overturn from darkness to light with an advance in basic understanding?

We are to the contractions of the GET of NATURE'S COSMOS. We already have a feeling for HER GUT and we're about to play "Eeni meeni mini mo"³⁷ with HER TOE.

Will we catch HER?

Or will SHE let us go?

On guessing, that is, with the bizarreness of current physics theory, warping dimensions with flexible vibrating imaginary strings in branes and bulks?

I think that if we continue on their current line we will wind up with one gigantic balled up mess of infinite bungee cords and never understand NATURE'S M-EnD, the How & Why of why we live and die.

Remember in current theory intrinsic spin is a guess without really spinning, but occurs naturally in NATURE'S THEORY. And unification of forces has been a sloshing of brain washing of the current theory men-gods for many years. But it just came together in the wind of EME Gas by NATURE.

What are some other guesses of the current theory of physics and its gods?

A couple, are the wave function of electrons, and small packets (particles) of energy known as quantum energy. And we are back to that age old question is light a wave or a particle that was discussed in Article 1 and mentioned in other Articles.

We have discussed the bizarreness of quantum mechanics and the constructors of this, thinking NATURE is ABSURD.

If you think about it gravity has been a 327-year guess of Newtonian Mass and Einstein's curvilinear warping of spacetime. And gravity has been a defect, a hole, in the whole of current theory encapsulation.

For none of them in all his or her thought experiment or atom smashing play, has grabbed onto NATURE'S Way of Play.

Gravity has been a sliver in the current theory's eye [vision of the "Really Real World"].

In this new theory I'm not trying to repair part of a hole in the old whole. I have a WHOLE NEW GOAL: THE TRUTH.

For now I'm trying to remove the log from my own eye, and letting everyone who reads this be a spy in NATURE'S EYE.

And in the previous Article of this new theory gravity turned inside out to be anti-gravity not a force, but a Natural form of the Matter of Mass-Energy & Dynamics in Accelerating Boundary Layer effects of How & Why planets move in the sky and our oceans move in tides by and by.

A logjam of men-gods impositions has broken loose allowing NATURE to come to an end and return again to Unification of Forces in this Article and maybe Explanation of Everything.

Will this new theory continue to expose more naturally occurring aspects of the How & Why we live and die?

Are you ready to try?

In the end [The Epilogue] there will be no need to cry for a sliver will be removed and we will all know How & Why we live and die and everything happens in the sky!

What happens inside the OP over TIME?

First we must set some TIME boundaries or limits. These will not be imposed, forced on NATURE. Think of them like mile marker road signs, an indication of how far we have to travel from start to finish, BEGINNING to END.

In Article 7 we finished with the COSMIC Pressure at absolute zero and this brought an END to the expansion cycle of the SD_nCME_n . And it all imploded (collapsed in) into the Null & Void of the Origin Dark Hole with the help of reversing EME.

With an END we have to have a NEW BEGINNING for NATURE to conserve all that is.

The BEGINNING point will be used to set T_0 (T_0 used here to set absolute TIME over relative time "t" and its dilation) to zero.

And here is one more little quantum jump. T_0 also denotes temperature at absolute zero in the outer void. So when T_0^{temp} (T_0^T) is at absolute zero. T_0^{time} (T_0^t) will be set to absolute zero. And wouldn't you know it, when T_0^T is at absolute zero P_0^{OV} (pressure in the OV – outer void) is at absolute zero.

As it is in the END so shall it be in the NEW BEGINNING.

Now we can vision what NATURE will do internally in HER own TIME, with HER own WAYS, with HER own MEANS, with HER own METHODS without she-he-gods' impositions of linguistics & mathematics and atom smashing antics.

This requires us to go back inside the Origin Particle of NATURE. To the very conception of everything and consider that Second Natural Phenomenon of NATURE brought out in the last Article, (which is not the Last Article for this Article is the Last Article of Containment and any future Articles will be for BULK expansion). Just some of my linguistics play in a current theory way. The Epilogue will be a final summary of this work.

Do you remember what it was?

It was LIQUEFACTION – the process of changing into a liquid, especially a gas by the application of pressure and cooling.

With the Outer Void at a temperature of T_0^T (absolute zero), what happens over TIME?

We know the OP has a gas core, and is a fuss with fusion element building in layer L5.

The quirk of NATURE is that it does its own quantum jump in the fusion process going from exothermic (giving off heat) to endothermic (absorbing heat) at iron (element 26). The number 26 indicates that it has 26 protons.

They currently think in addition to the 26 protons it has 30 neutrons and 26 electrons with a standard atomic weight of 55.845. There is something wrong in their theory because $26 + 30 = 56$ and we haven't accounted for the electrons. Oh, and that's right neutrons weigh more than protons because their quarks have different weights, which means it should weigh even more.

If we use hydrogen as a reference with a standard atomic weight of 1.0079 iron should weigh at least 56.2054. And if the neutrons are hiding an e it should weigh at least 56.4424. Note this is only 1 percent heavier than what they currently “Think” it weighs.

“Think”, that’s right, they don’t actually weigh elements; they calculate their weight on a reference basis. I won’t go into the details here. It involves another book or at minimum another Article.

But here is a tickle: if NATURE’S MEND puts the es into iron instead of releasing them, it might explain the heat absorbing nature of the element: just an opportunity for future bulking.

We now come to a quantum jump in the Immaculate Conception of the Birth of the COSMOS.

As massive elements amass in the mantle and even compounds, the crust is Lead (element 82) shielding the outer void from all internal activity, the temperature at the core begins to drop due to the massive heat extraction to fuse this massiveness at and above iron.

NATURE has a cooling effect at the CORE of NATURE in the layers of HER Origin Particle.

And here is the jump, core pressure goes up because mantle mass is going up. So we have an increasing pressure effect along with a cooling effect at the CORE of NATURE. And we have the two triggers for NATURE’S PROCESS of LIQUEFACTION [the process of changing into a fluid, especially of changing a gas by application of pressure and cooling] released.

And because everything is contained in the OP, core mass must be going down with the conversion of G_{qe} to quarks-e fluid and then to quark & e solids that can also be liquids, then to all the elements up the periodic table of more than 100, then to compounds.

Let’s sidebar a look at some of these elements:

1. Iron (Fe Element 26), which we just mentioned being a solid. In its pure form it’s said to be softer than aluminum.
2. Mercury (Hg Element 80) is really soft, it is a Common Space liquid metal.
3. Lead (Pb Element 82) the spherical skin of the OP, which is somewhere in between iron and mercury in material characteristics.
 - a. It’s not quite a liquid and it is not very solid.
 - b. It is one of the oldest known metals. Just what one would expect with it being the crust of NATURE’S MEND Origin Particle.
 - c. It is very soft and easily forms to shapes, and possesses great ductility (can be permanently stretched without breaking). It can spread all over the surface of the OP and everywhere after HER BLEVE.
 - d. It also resists chemicals and can shield radiation.

Could there be any better Natural skin for the shell of the OP of NATURE?

And we go back inside HER where SHE is using LIQUEFACTION as a CORE PROCESS.

Let’s look inside this CORE PROCESS.

We have the copulation (a joining together; coupling) of NATURE'S GUT and LIQUEFACTION in this new theory, CNPE \sphericalangle M-EnD.

Will they join to grow HER TOE?

We need to ask, "What's going on here?", because something is amiss in the abyss [darkness]. For, when temperature drops at the core, pressure also drops. But then mass in the mantle goes up and thus core pressure goes up. And when pressure goes up temperature goes up. But, temperature is being internally extracted from the core by fusion of elements so it must go down.

And we have a Core Oscillation matter of "What's going on here?" with pressure and temperature going up and coming back down. It's NATURE'S Reaction Process of fluctuating to balance T & P changes at the core over TIME.

See Figure 8.7 Natures Oscillation Response of SD_nCME_n for GUT Control of Liquefaction & Fusion Extraction for the TRUE BIG BANG Initiation. And with it spinning at the speed of light about the Z axis it remains extremely stable allowing it to project its energies in a flat plane when it blows up.

This dramatic effect is possible because the Outer Void Pressure is at zero, which means there is no external pressure to hold the shape of SD_nCME_n , it's all driven by internal activity.

And wouldn't you know it; oscillations relate to electric waves, energy waves, EME waves at the core of NATURE'S Origin Particle. These waves also produce the spin of the quarks at the Precipitation Energy. NATURE by HERSELF doing what SHE does without any impositions.

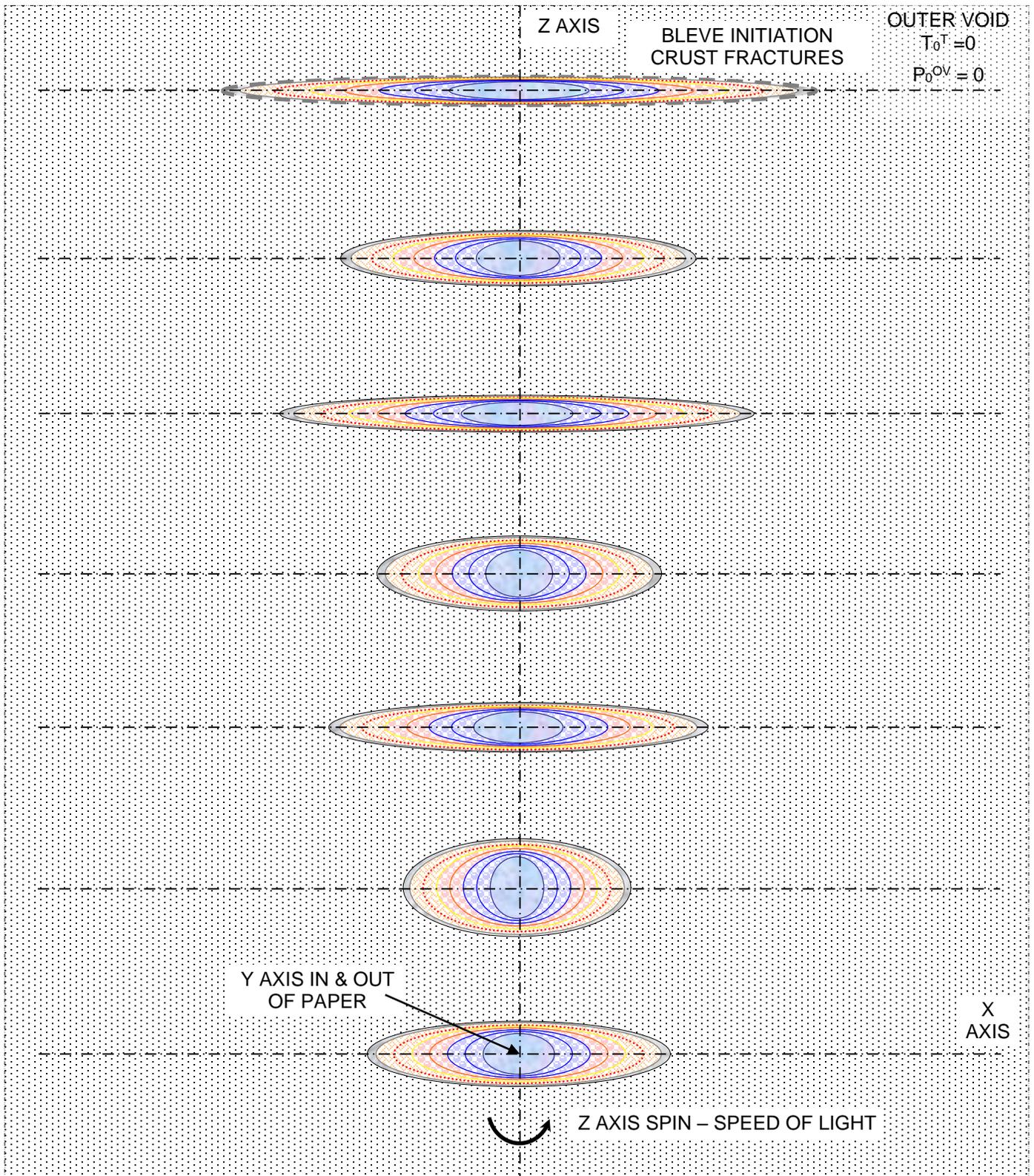
Something similar can currently be seen in the COSMOS with the star Delta Cephei, which is thirty times the size of our sun and goes through Natural cycles of brightening and dimming. The mean or average brightness it has will vary plus to minus 11.5 percent.

Imagine the hot and cold spells on earth if our sun did just a little of this?

Liquefaction Oscillation – Figure 8.7 are just more core physics of NATURE'S MEND Inner Space particle spin to SD_nCME_n spinning to Common Space basic understanding to Outer Space Spinning to Delta Cephei, bridging the great divide of current physics theories of General Relativity & Quantum Mechanics in the Common Space of the COSMOS with EME Gas Boundary Layers and conservation of Matter and Energy.

When the CORE oscillations of NATURE exceed harmonics (the rate of change [acceleration] exceeds the containment strength of the outer layers of the OP) the Birth of a new COSMIC cycle of $SD_{n+1}CME_{n+1}$ takes place with a quantum jump from implosion (oscillating in) to explosion (blowing out). The Lead crust of the OP fails, and we have NATURE'S TRUE BIG BANG BLEVE [Boiling Liquid Evaporating Vapor Explosion] as SD_nCME_n disintegrates with flat chunks of stuff being strewn into a new Outer Space plain-plane.

This quantum jump is overlapped with another quantum jump. The squashed shape of the Origin Particle also causes a squashed shape of the nuclear elements and core gas to form a NATURE made thermal nuclear shape charge. A shape charge allows the BLEVE [TRUE BIG BANG] energy to be directed along a specific line or plane: in this case along the equator of $SD_{n+1}CME_{n+1}$ with a thermo-nuclear chain reaction.



**Natures Oscillation Response of SD_nCME_n
For
GUT Control of Liquefaction & Fusion Extraction
THE TRUE BIG BANG INITIATION**

Figure 8.7

The thermo-nuclear reaction is a combination of a radioactive fission reaction and the fusion of hydrogen. A perfect set up in layers L5 and L6 of NATURE'S MEND Origin Particle for HER BLEVE.

Now the detonation energy is focused along the equatorial plane just like the centrifugal sling from the spin energy. This forces the TRUE CELESTIAL DISCUS to be even flatter and the core vacuum to be stronger and objects in the plane to be moving faster than one should expect.

They currently see faster moving objects in galaxies. As discussed in Article 6 these faster moving objects relate to their dark matter. NATURE'S MEND just strengthens HER New Blue Light [Explanation] of their darkness from Article 6 with this enhanced explanation of increased object velocity with Centrifugal Sling and Directed Detonation of HER BLEVE.

And Common Space observations into Outer Space further supports NATURE'S MEND with the discovery of a Spiral Galaxy that is so old that its formation was way too early for the current gravity theory to explain. NATURE'S MEND would indicate that it was formed by an early Little Big Bang and the associated centrifugal sling and detonation which may or may not have been a BLEVE. The objects of this little big bang then spin into spheres amongst the dust clouds of the Little Big Bang.

NATURE'S MEND scores again for HER COSMOS is a Super Spiral Galactic of Ancient of Days and this little old Spiral Galaxy is just an early Little Big Bang talked about in Article 1 and shown in Figure 5.2.

For in this new theory, Galaxies and Solar Systems don't come together because of gravity, they're formed because of Centrifugal Sling and BLEVE placement energy with Centrifugal Shred forming spheres – that spatial specialty of three in Outer Space motion.

Centrifugal Shred – the mechanism that forms objects into spinning spheres and sizes them by peeling off layers, like on an onion, through the effects of spinning speed and acceleration of the objects moving on curved paths around and outward from the OP Core in Dirty Outer Space. You may wonder about a Dirty Outer Space, it's because the GUTs of the OP have been blown and thrown all over the place in the plane of Outer Space along with the added GUTs of other Little Big Bangs. The beginnings of the COSMOS were much more violent and dirty than it is today.

Remember Centrifugal Shred is also what set the size and mass of the NATURE'S One Quark in Article 4. It was also discussed in Article 7.

The hangman is where with current theory? I think it's hung out to twist in the wind of change!

Now that the Origin Particle has exploded we have a mix of the little remaining matter of everything in everything in the COSMOS with lots of gas, plasma, dust, and entropy. Some of which you can't see so its effects are dark.

With the coming apart of monatomic Hydrogen we have reached the CORE COPULATION and CONCEPTION, NATURE'S trigger for the coming apart of the WHOLE Origin Particle.

But we don't quite have the WHOLE of Inner Space, because we haven't looked at the WHOLE of the subatomic. We have only half the picture, which is the bottom half or more appropriately, the inside CORE, inside Planck Scale.

Picture is being used here metaphorically, not literally, because literally a picture is only a 2D representation, and we are visioning in NATURE, which is 3D and dynamic (always changing in all directions). Though it changes much more and much faster in the x and y direction than it does in the z. And the current quandary of the Flatness of Outer Space has just been explained naturally.

I guess I should have used pitcher and half full? No I should have used a pitcher, the one on the mound in baseball, because it is 3D and dynamic and we're only halfway through this game.

We need to vision beyond HER CORE, into the building of atoms of elements, with NATURE'S Natural FUSION, HER INCUBATION and let the pitcher finish the game before SHE blows up to form Outer Space which is outside our atomic ballpark.

And we're back to that monatomic hydrogen atom.

In Article 6 we talked about using quark geometry to build element nuclei.

Current theory uses dense packing of spherical protons and neutrons in the atoms nucleus without consideration of quark Geom-Geo. Then they put electrons in shells around this dense packing.

The additional quantum jump in this Article from Article 6 is that two possible configurations can result from changing current theory atom construction to quarks-e Geom-Geo atom construction.

1. The quarks can pack in a nested volumetric close packing basis independent of trifoliate proton – neutron volume-metrics and form a dense nucleus. This would be denser than current theory. It would be like removing the candy coating from perfectly round m&ms[®] and super gluing the chocolate together into a one sphere nucleus.
2. Or they can nest on a spherical surface trifoliate basis independent of proton – neutron volume-metrics and form a hollow nucleus. Like super gluing m&ms[®] edge to edge to form the surface of a ball. IE: 3 M_qs & 1 M_e: three q mases make the chocolate and one e mass makes the candy coating. Our Physics and Chemistry models of compounds should be built with colored m&m's not colored balls. What better way than to play and eat? Oops, I'm floating, no I'm bloating, I love m&m's!

If they nest on a volumetric dense basis [Configuration 1] then there is a charge energy associated with each nucleus and an electron cloud around the nucleus that is typically equal and opposite of the nucleus charge energy.

It's like opening a bag of m&m's and finding one big candy with a gray coating instead of a bunch of identical little ones other than color. Have you ever tasted the difference in colored m&m's?

An electron cloud description has been used here to indicate that electrons accumulate outside the nucleus. Their charge accumulation is associated with the center of the nucleus and thus the separation distance from quark trifoliate to associate electrons increases as you move up the periodic chart because nuclei are bigger so es are further away from the center of the nucleus and their partner quark trifoliate. Who knows what their charge and spin is, for they have lost their association with the spinning quarks that gave the e its characteristics at birth.

This means the weak force fails in current theory element construction or it spans a very large range from hydrogen as element 1 and fusion to He to polonium element 84, NATURE'S first real

radioactive element. Then half way in between is that strange element technetium that is also radioactive, it is very rare in NATURE, but synthesized by man.

The electron cloud is somewhat the basis of the current theory and works quite well for understanding on larger scales, way outside the atomic scale, though lots of experimenting is required to achieve something meaningful.

However, in this configuration you lose the partnerships of quark spin to electron spin, the individual candy coating of the m&m's, and a tremendous amount of insight on this natural protection and interaction of NATURE'S INCUBATION.

Do you think NATURE would change HER WAYS, MEANS & METHODS of construction and break a bond after the first and simplest element?

I don't think so!

I think SHE would continue on HER marry way whether men-gods of current physics and chemistry are in HER way to play. And in the fusion of $2H_2$ to He in Article 6 Figure 6.9 SHE kept HER spherical surface construction. If SHE held it for elements 1 & 2, I don't think SHE will stop to change HER Show [how SHE walks elements through HER fusion process].

Let us stay with this new way and see what *physics* comes out of Planck Scale to play.

If they nest on a spherical surface basis the associations between quark trifoliate and electrons can be maintained and conserved naturally. M&m's are always the same no matter the size of the bag you have until you reach compounds with peanuts or other fillings or flavors. Yet, the chocolate and candy coating are still there. I haven't found one I don't like to eat!

This allows each electron to be nested in a spherical shell configuration around its quark trifoliate, and if the e moves it induces a Natural Wave to the e motion. Wave motion of an e doesn't need to be a guess, like in current physics theory.

In this new theory it can just occur naturally.

However, there is one additional enhancement to this spherical nesting that is associated directly with each e and quark trifoliate.

It's a quantum jump. But if the electron is of such size as discussed in Article 6 that it can circle around the outside and pass through the center of the quark trifoliate, circling the quarks inside to out – bottom to top, in a figure "8"- ∞ , which the intrinsic motion of the qs would drive it to do, a tremendous amount of additional playground for NATURE comes into play.

From the top this figure "8" would look like a "Y". And do you recall the electron is nominally $1/648^{THS}$ of the mass of a quark in this theory or $1/612^{THS}$ in current theory. Or about 1/8 in diameter (confirmed from the Geom-Geo of this theory) so it can do this physically in NATURE, but does it do it in NATURE'S *PHYSICS*?

I don't know, and that's why this is more a theory than completely reality.

If it does current theory is headed for a fatality in Inner Space.

But it could have revelry in Common Space with a faster way to new discovery.

The other interesting thing about quark trifoliate on a spherical surface is that they nest in a hexagonal close packing configuration, like a honeycomb. NATURE'S MEND is optimally conserving association, strength, and energy. See Figure 8.8 Natural Quark-T & Electron Atomic Surface Hexagonal Close Packing.

SHE likes to caress, EME field, you when you undress HER. And SHE likes to KISS (Keep It Simple Stupid) when you dress HER. Ashes to ashes – dust to dust – everything everywhere grows under the crust from EME with qs & es trifoliately. And we have that spatial specialty of three from NATURE and in NATURE for constructability and dimensionality.

SHE builds with three by three in and over TIME.

And with that we can say that NATURE'S COPULATION has resulted in Natural FERTILIZATION and everything can grow and change.

What happens when NATURE builds elements on this basis?

As more and more quark trifoliate and electrons fuse to grow elements, their intrinsic spins [spin and/or torque] can naturally slow down. They can't do this in current theory because they don't really spin. This does not mean the spin energy is lost. It is stored in an internal atomic system.

Thus we can look at conservation of *intrinsic* (belonging to a thing by its NATURE; ESSENTIAL; inherent) spin energy which is related to electromagnetic energy. This stored energy will be considered to be internal tension (like a wound up rubber band) induced by what will be called EME Braking, the slowing down of intrinsic spins.

We will consider what happens to an electron versus individual quarks. Remembering that the quark spin in a trifoliate configuration is the same as an electron, that is 1/2. See Article 4 where this spin was the outcome of constructing geometrically by NATURE'S WAYS, MEANS & METHODS, and the trifoliate torque is also 1/2. Whatever happens to a quark trifoliate happens to the electron: an element of EME Supersymmetry within NATURE.

The point of all of this is that under this new theory atomic structure configuration the electrons motion on, around, and through the quark trifoliate takes on a Natural Wave Function. This is because of the size difference and geometry of three and one of nested quarks in trifoliate with an e. And the wave function comes naturally and there's no need to guess at it.

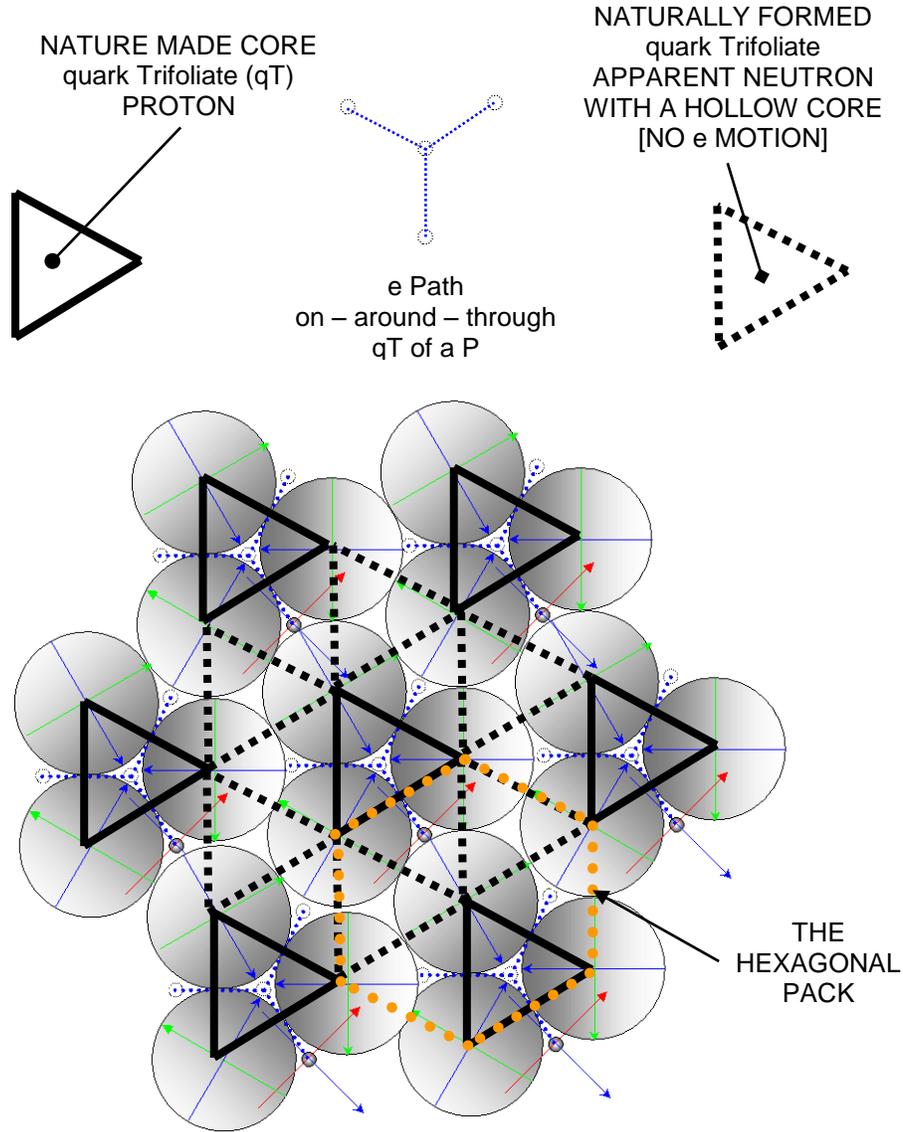
See Figure 8.9 e-Wave On – Around – Through Quark-Trifoliate, which is a 2D representation of the e wave on, around, & through the 3D quark-Trifoliate (qT).

The e-Path motion discussed in Article 4 remains unchanged.

Now if we isolate the electron there are two more vectors of motion at play that have different effects.

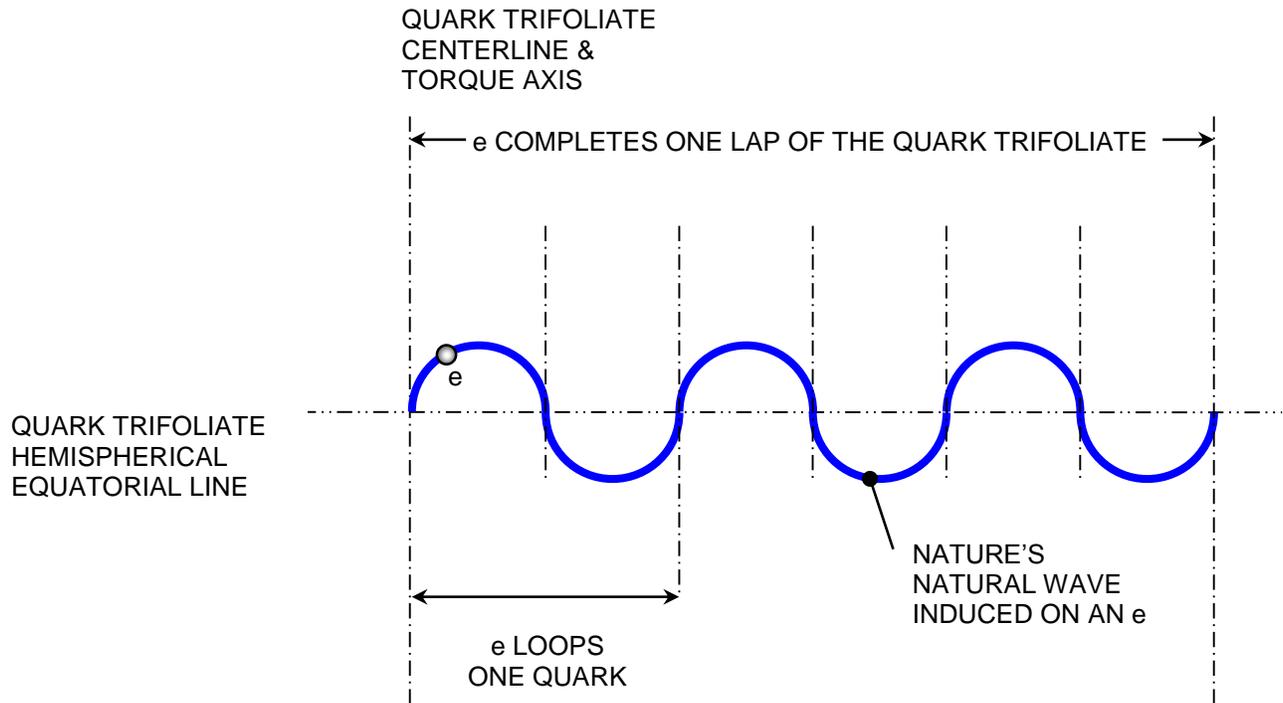
We have the intrinsic spin of the electron itself.

And then we have the electron torque, which is directly connected to the trifoliate torque and is related to a spin of 1/2.



**NATURAL QUARK-T & ELECTRON MOTION ON
ATOMIC SURFACE HEXAGONAL CLOSE PACKING**

Figure 8.8



**e-WAVE
ON – AROUND – THROUGH
QUARK-TRIFOLIATE**

Figure 8.9

Thus, we can show the e motion graphically with these. Adding them to Figure. 8.9 we have Figure 8.10 e-Motion On – Around – Through Quark-Trifoliate. What NATURE has built is exactly what they currently expect from the Electromagnetic Nature of Light in Common Space. Look it up in the World Book Encyclopedia or on the World Wide Web or both.

What do you see; a 3D wave that is induced with spin. Spin being the added element from this theory to current theory. Its importance will pop up later in this Article.

If we slide the e wave and the e torque to the left to represent their actual looping of quarks in NATURE in a 3D way and spin them by the intrinsic spin of the e we construct three e-spheres of motion about a quark-T.

This means that NATURE has geometrically built a pouch of e-motion for each quark in the quark-T. It's a pouch of energy. See Figure 8.11 Pouch of e-Motion On – Around – Through a Quark Trifoliate.

What would be a good name for this NATURAL pouch of energy associated with the e? Why not unify theories with a quantum of energy (QE)? The pouch of e-motion, QE, is produced quark trifoliately, but travels with the e when free: when no longer bound in an atom or substance. And we have NATURE'S MEND building a photon of energy with an e in motion.

It's not a guess in this new theory.

It is just NATURE baring HER How.

NATURE doesn't like to bash in theory; SHE likes to unify our basic understanding of what is going on in reality.

Are you starting to GET HER soliloquy?

That means that with our spherical surface hexagonal close packing of quarks & es NATURE has birthed e waves and Quantum Energy.

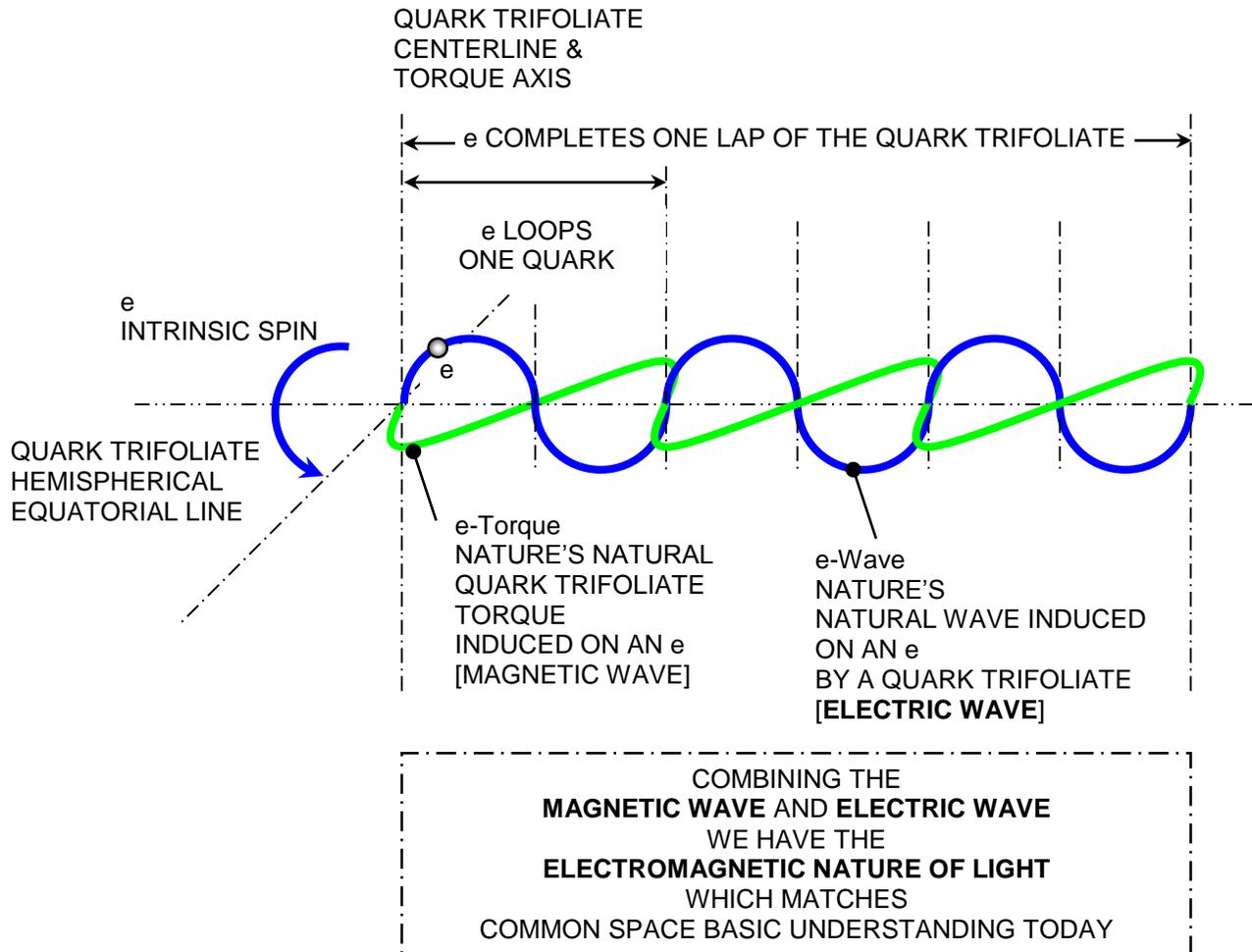
Nothing bizarre, not a guess, not a mess, like the absurdity of current quantum physics theory tied up in vibrating bungee cords and warped dimensions that nobody understands.

Now we can consider NATURE MADE Quantum Energy implications associated with momentum changes or from the CORE, EME changes, from free to slowed down qT-es close packed on a surface hexagonally like the honey comb with the added dimensionality – spherically.

NATURE goes on processing conservatively with Matter – Energy and Dynamics of HER BARE ESSENTIALS.

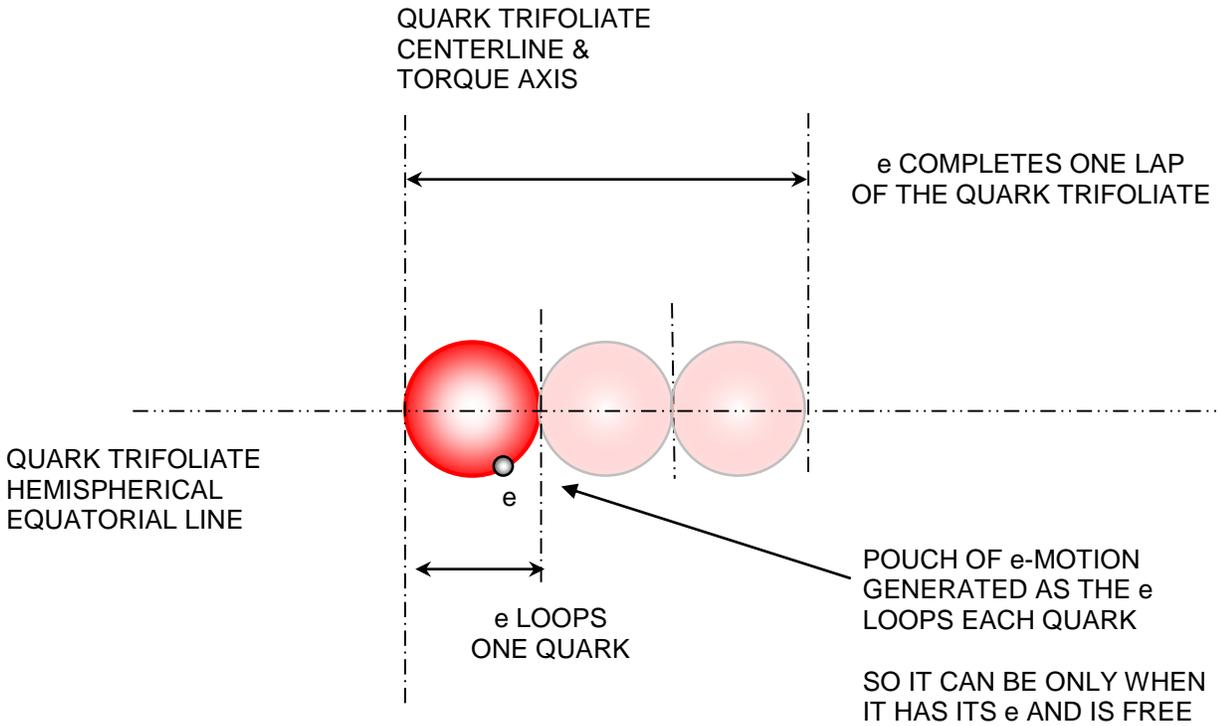
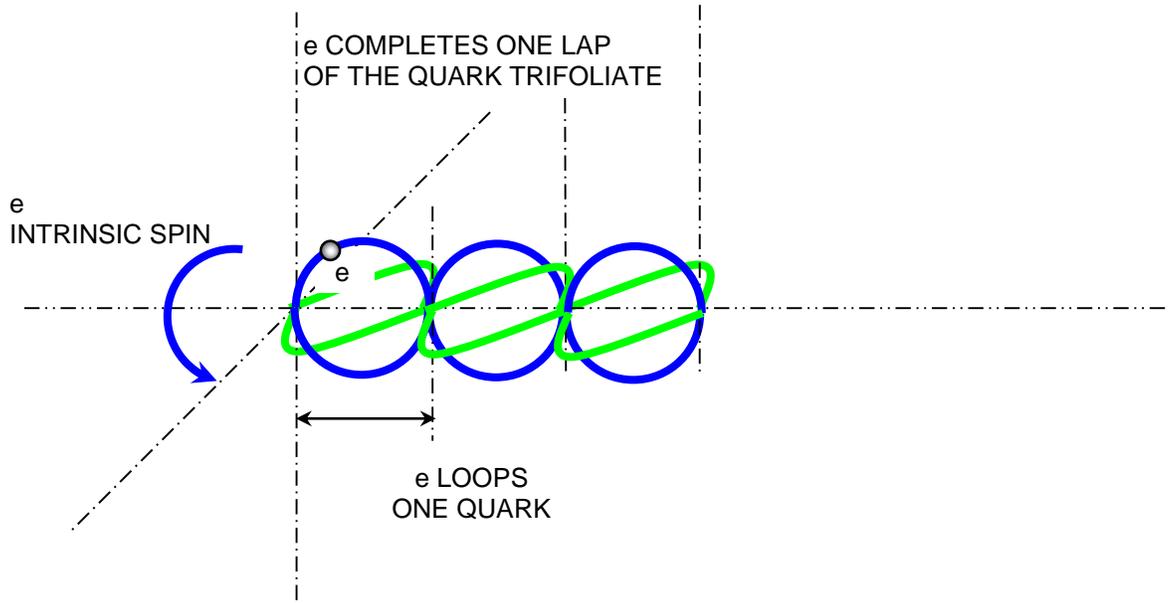
But before we go on with CNPE ∇ M-EnD Quantum Energy let's take a look into the origin of quantum mechanics in the old theory, excuse me, the current theory. It has to do with something called \hbar (pronounced h-bar) AKA Planck's constant. Yes, and Mr. Planck here is connected to the Planck of our jumping into the CORE of NATURE.

In 1900 Planck, working on blackbody energy distribution over various wavelengths of EME, became involved in the down fall of physics (before quantum physics existed) known as Classical Physics.



**e-MOTION
ON – AROUND – THROUGH
QUARK-TRIFOLIATE**

Figure 8.10



**POUCH OF e-MOTION
ON – AROUND – THROUGH
A QUARK-TRIFOLIATE**

Figure 8.11

Black bodies, like dirt and snow, the darker the body the more energy it absorbs don't you know. Dirty snow melts faster than white snow under the sun because of the additional absorbed energy of the dirt [the black body].

So physics theory by men-gods has fallen once before at a turn of a century, at the beginning of the last century. If it were to fall again, it should not be a complete shock, and maybe it should even be somewhat expected.

As Henry Wadsworth Longfellow noted, "It is curious to note the old sea-margins of human thought. Each subsiding century reveals some new mystery; we build where monsters use to hide themselves."³⁸ And where do monsters hide themselves but in the dark of lack of basic understanding as it was before I looked under my bed as a kid.

And by the way we are in the throes of turning a century since the advent of the current theory.

Remember everything that men-gods and gods create eventually fails. That's the difference between men-gods and GOD'S NATURE.

Now we will go back to the magical birth of current theory Quantum Physics. To keep it brief we will cover the story with quick broad strokes.

The challenge: heat an oven to a given temperature and calculate based on Classical Physics' methods how much electromagnetic energy is in the oven. Turned out the old Classical gods were confounded by an impossible answer: The oven had infinite energy. The oven had too many waves and too much energy for a single temperature. It is the current theory Anarchic Principle at its finest. It was a literal classic perpetual heat source with more energy coming out than went in.

You've probably had dreams like this: you turn on a light switch or a radio and it comes on. But no matter what you do you can't turn it off.

Maybe there is some of NATURE'S EME CORE TRUTH to their results they couldn't see because they weren't looking naturally? Here's a hint: if you add any to one you have too many, and if you add many to too many you have infinity. You can't sum all the possible paths or waves and have the correct amount of energy. A problem current physics theory is struggling with; touched on in Article 2. Like it is with the countless numbers of denominating sects of religions.

Planck was inspired to come up with a solution without a repair. Sounds familiar!

Maybe he thought, "We can't let all the waves contribute energy." "So we need a way to allow only a certain number of waves to contribute energy." "Energy being related to wave frequency all I need to do is come up with a factor contribution for each wave. When the factor contribution gets too large it can't make a contribution." Sounds like classical old-fashioned fudging.

I recommend reading "WARPED PASSAGES" by Dr. Lisa Randall for your eyes will be opened to the difference between reality and fantasy and that a lot of fudging goes on currently. I've read it twice!

My added corollary to Planck's postulating is that a limited temperature can't create a higher temperature. I.E. you can't turn your oven on at 250 °F and hope to bake pizza at 500 °F. Maybe temperature and EME are related on a one on one basis? Maybe the e-Motion of Figure 8.11 has a relative temperature potion? Another opportunity to bulk NATURE'S MEND.

So Planck *scribbled and scratched* and one day made an “Inspired guess”. Yes, it was an “Inspired guess”, without any foundation in NATURE.

Do you think NATURE likes to guess?

But wouldn't you know it, it matched very well with the understanding of real life experimental data. Nobody could justify it, but it worked so well.

Then along came Al-E stewing over the e photoelectrically with iron and showed the existence of a packet of energy. But the theory stubbed its toe because now light waves had particles [photons] again. And there was that duality sin of some one thing being two things – a wave & a particle.

This stubbed toe was not new; it had been swelling since Newton. You know him, Mr. Gravity! Newton thought particles while Huygens thought waves. It took 100 years for this argument to be swayed by Thomas Young who showed the wavy thought around the turn of a century with what is known as the double slit experiment. This was discussed in the Brief of Current Physics and in Article 2.

It was the turn of the century before Planck and Al turned a century; that is crossed over from one to the next in time not in age.

Every hundred years seems to trigger something big in physics! And here we are at another turn of a century and maybe another turnover in physics theory. But that's jumping ahead so let's go back to the turn of the last century.

The double slit experiment was repeated with electrons, lots of them, shot at the double slit and onto a photographic plate and a wave distribution showed up. Then they tried a single slit. Then they tried tracking the electron through the slits. Every time they tried something with the e the outcomes changed.

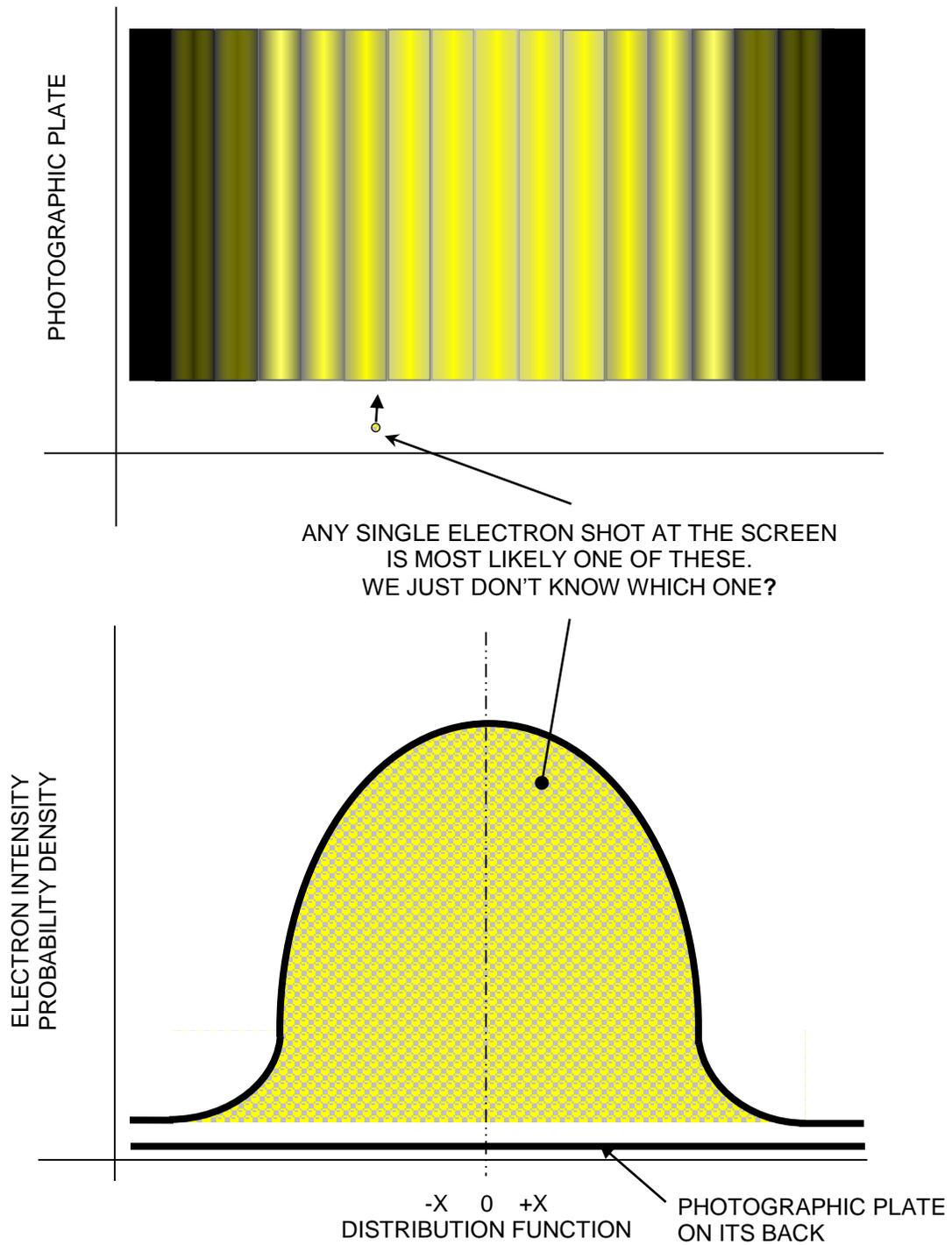
And along came a man-god Feynman, you know the one who said, “No one understands quantum mechanics”, and stated, “The electron goes through both slits and traverses every possible trajectory simultaneously.” summarily paraphrased. That means it is everywhere at all times. Sounds like the Anarchic Principle and the sum of all paths discussed in Article 2, which was shown not to be applicable in NATURE'S avalanche.

And here's the last flip of this string line, tale, guess of men-gods. Tip the electron distribution on the photographic plate onto its back and make a plot of the intensity of electrons and you wind up with, aha, a probability curve and distribution function. See Figure 8.12 e Distribution of Double Slit Experiment & Probability Density.

And we have the standard of current theory Quantum Mechanics, “The universe evolves according to a rigorous and precise mathematical formalism (the languages of men-gods), but this framework determines only the probability that any particular future will happen – not which future actually ensues.”^B

This is a roundabout way of saying, “We understand what's going on we just don't know How & Why it's going on. And because we don't know the How and Why we can only guess at a probable outcome.” With my addition, “Because their nature won't show them what's going on she must be absurd.

ELECTRON DISTRIBUTION REFLECTING A WAVE FUNCTION



**e DISTRIBUTION OF DOUBLE SLIT EXPERIMENT
&
PROBABILITY DENSITY**

Figure 8.12

Let's expand this probability thought. Probabilities: like in shaking 5 dice. You know your number will be the sum of the dice you just don't know what the sum is going to be.

In this case they know most likely that a single electron shot at the double slit will land within the electron distribution they just can't be sure where. But if they shot billions of them the pattern still showed up the way it was supposed to. Though Feynman claims it is everywhere at all times.

It's like playing magic tricks, now you see it now you don't. Just like they do with virtual particle play in current physics theory today. Do they need these virtual particles because they don't have physical spinning and liquids and gas?

I think all their play is because they just don't vision NATURE by HER BARE ESSENTIALS. And thus they can't figure out HER PRESTIGE, HER How & Why.

So with their rigorous and precise languages they try & try because they don't want to let anyone see men-gods cry. Men here, I mean generic – she and he as it is with GOD.

Would you believe GOD CRIES as CHILD after CHILD of HIS DIES in this New World War of terrorism full of religious lies; minute after minute as another CHILD of HIS DIES before it can open its eyes because of abortion; and day after day as another CHILD dies because society wants and eye for an eye? How much intuition and imagination has died or never been born? HE told us, "I desire MERCY not sacrifice!" Where is HIS MERCY in all this killing?

This quantum mechanics standard bothered Einstein deeply and he voiced his troubles in that infamous line so often quoted to put him down, "GOD does not play dice with the Universe."

See even Einstein talked about GOD in physics. So much so that it unsettled some.

I hope I'm unsettling even more.

The noble physicist from across the pond, east that is, to the once great Britain, Stephen Hawking crowned the put downs with, "Einstein was confused, not the quantum theory."^B

Current theory quantum theory is all about probability, and nobody knows what's what and what's where or what's what when and where though the electron is everywhere at all times. The e is omnipresent in the current theory of men-gods; it is their god. Though, they have never known How or Why. And with enough Ps without es you get there son of god Higgs Boson.

Talk about sounding confused! Now they want to stretch the guessing of this tail of a tale to vibrating superstrings that can be nothing at all and everything at all, at all times and everywhere. The superstring, the Current Theory Tie Of Everything, the men-gods' "CT-toe". Their *god* of gods of men-gods physics full of linguistics and mathematics, ignorant of NATURE and HER PHYSICAL CHARACTERISTICS, BARE ESSENTIALS, and starving for HER GUT & TOE. And with them GOD has no place don't you know.

Starvation drives desperation. And current theorists are in a desperate search for the missing link between AI & Planck, *gravity frosting* for the hole-E cake of their men-gods' physics.

And it's been one big guessing game for solutions without consideration of repair ever since the current theory quantum leap into constructability by probability.

Current theory gods desperately search for answers with multiple dimensions, branes, bulks, and imaginary vibrating strings to tie their tale together before their theory toe breaks and it starves to death in NATURE.

Yet we have just shown before this lapse to the advent of current quantum theory with its probability and its 100-year extrapolation to strings that there's no probability about it. The e naturally occurs with a wave function, more precisely a 3D wave function and contains natural packets of energy with the e in a specific location with a specific velocity with no strings attached.

So who is confused?

AI argued "although quantum reasoning certainly does appear to limit one's knowledge of the position and velocity, the electron still has a definite position and velocity exactly as we have always thought."

Many use this statement to claim AI is still wrong because of theoretical and experimental alignment over the past 20 years. But did the theory explain the experimental outcomes or did the experimental outcomes drive the foundation of the theory? If the latter, it's not a theory but a probability. Oh, that's right for them everything is a probability!

But this theory has shown that they're not seeing what they think they're seeing.

They claim a link, but the crack in their theory is full of stink, real bad gas, much like their stink hole beginning of their cosmos.

Let me put it this way, "Just because something tastes sweet doesn't mean that it is sweet". Just look at all the artificial sweeteners man has come up with in the last 30 years. And which is better for you in the long run of life, NATURE'S Sweetness (honey) or men-gods imposed artificial mimickers? I will take milk and honey any day!

Looks to me the probability is that AI was right and current quantum mechanics theory and its gods are wrong. Sorry Dr. Hawking, Randall, et al!

Just listen to the living god, Mr. Elegant Universe, Dr. Brian Greene "But what appears certain is that no matter how you interpret quantum mechanics, it undeniably shows that the universe is founded on principles that, from the standpoint of our day-to-day experiences, are bizarre."^B

Then he says, "You must allow nature to dictate what is and what is not sensible. As Feynman once wrote, '[Quantum Mechanics] describes nature as absurd from the point of view of common sense. And it fully agrees with experiment. So I hope you can accept nature as She is—absurd.'"^B

Can you hear the linguistic gibberish of men-gods trying to bring NATURE out to their confounded level of jumping, outside Planck Scale? If you have lost your sense there is nothing common about you. Maybe I'm more like them than I want to admit!

What has NATURE just dictated in this new theory? NATURE exposed e wave quantum energy in common sense without any bizarreness. NATURE just keeps on going while they stew and wail trying to string their tale.

Even dogs and cats quit chasing their tail when they begin to wail.

NATURE points the way every day!

Know any doctors who want to come out and play?

I've crossed paths with only one, a beautiful little Bruin!

So, please let me put their babble in a couple of ways.

“ ‘Absurd’ – plainly not true, retarded: in current physics theory (Quantum Mechanics) men-gods retard (hold back) NATURE and then think SHE is absurd.”

Or “Because they lack the ability to precisely define NATURE means NATURE is not precise.” Thus they attempt to bring NATURE out to their level of absurd jumping.

Just maybe NATURE is far more intimate (essential – intrinsic - precise) with *physics* than they are with current quantum mechanics and gnat smashing antics.

SHE has PRECISION and ACCURACY far smaller than Planck Scale and is in the HANDS of GOD or is GOD'S HANDS!

If we can't even take NATURE by the HAND how will we ever reach into the HANDS of GOD or even more so ever GET into the MIND of GOD?

Talk about current physics uncertainty at the turn of this last Century! Heisenberg strikes again: metaphorically!

Let's end our foray into current physics quantum mechanics' disparity with NATURE, and return to HER Ways, Means, and Methods.

Has NATURE, have I, done anything bizarre in this new theory? UNEQUIVOCALLY – NO!

As stated in the opening of this Article, “The boldness of asking deep questions may require unforeseen flexibility if we are to accept the answers.”^B Said Mr. Elegant Universe, Dr. Brian Greene.

Now we could go into more detail about the hot oven and \hbar against CNPE ∇ M-EnD, but that's left for future bulking. However, my thought would be that \hbar is a summation of partial energies naturally contained in a function of EME-T, ElectroMagnetic Energy and Temperature, where there is only one EME wave for one given temperature. And the heat wave comes out of the electric element as a form of radiation – EME. This would align with the duality of the electromagnetic nature of light.

Remember the TRUTH hinted at when this quantum historical time-slide started?

This means \hbar in NATURE is in doubt, which puts Planck Scale in doubt, which puts Planck energy in doubt and results in Planck Uncertainty. Planck Uncertainty means there's Uncertainty in Heisenberg. Which means there's uncertainty about the Uncertainty Principle itself? And current theory is deluged with Heisenberg's Uncertainty Principle and is drowning and may not survive the second decade of this new century.

The only Certainty of Why we live and die has to be NATURE.

The only Certainty of if we LIVE or DIE is left up to the GOOD MAN in the sky: the BOSS behind MOTHER NATURE.

Now we can go back and build with NATURE, by NATURE from HER simple NATURE made wave quantum energy.

Are you ready to accept the outcome of the simplicity of three in complexity from NATURE over TIME?

To start let's take a look at that double slit experiment again from the Brief Of Physics of this work.

See Figure 8.13 NATURE'S MEND revised Thomas Young Experiment.

Here's the quantum jump. Because the electron really spins and travels in a wave motion it doesn't travel every possible path, but only one path.

That path to the two slit screen is impacted by the geometry of the light source generator [flashlight] and the distance between the light source and the two slit screen. And some of the electrons miss the slits and never make it through to the screen.

The width, height, and thickness [that spatial special three] of the slits alter the electrons wave motion and where it will impact the black board and in and of itself may generate the bands on the black board. The width of the bands would also be impacted by the distance between the two slit screen and the black board.

Some will question why the results changed when they used only one slit. I'm guessing again, but they probably lined the single slit up with the centerline of the light source. Thus they altered the geometry of the experiment and lost the relationship of the one slit to two slits. Thus it was a completely different experiment and the two can't be compared. One is a fig and one is a radish.

This just generates more opportunity for bulking NATURE'S MEND in the future.

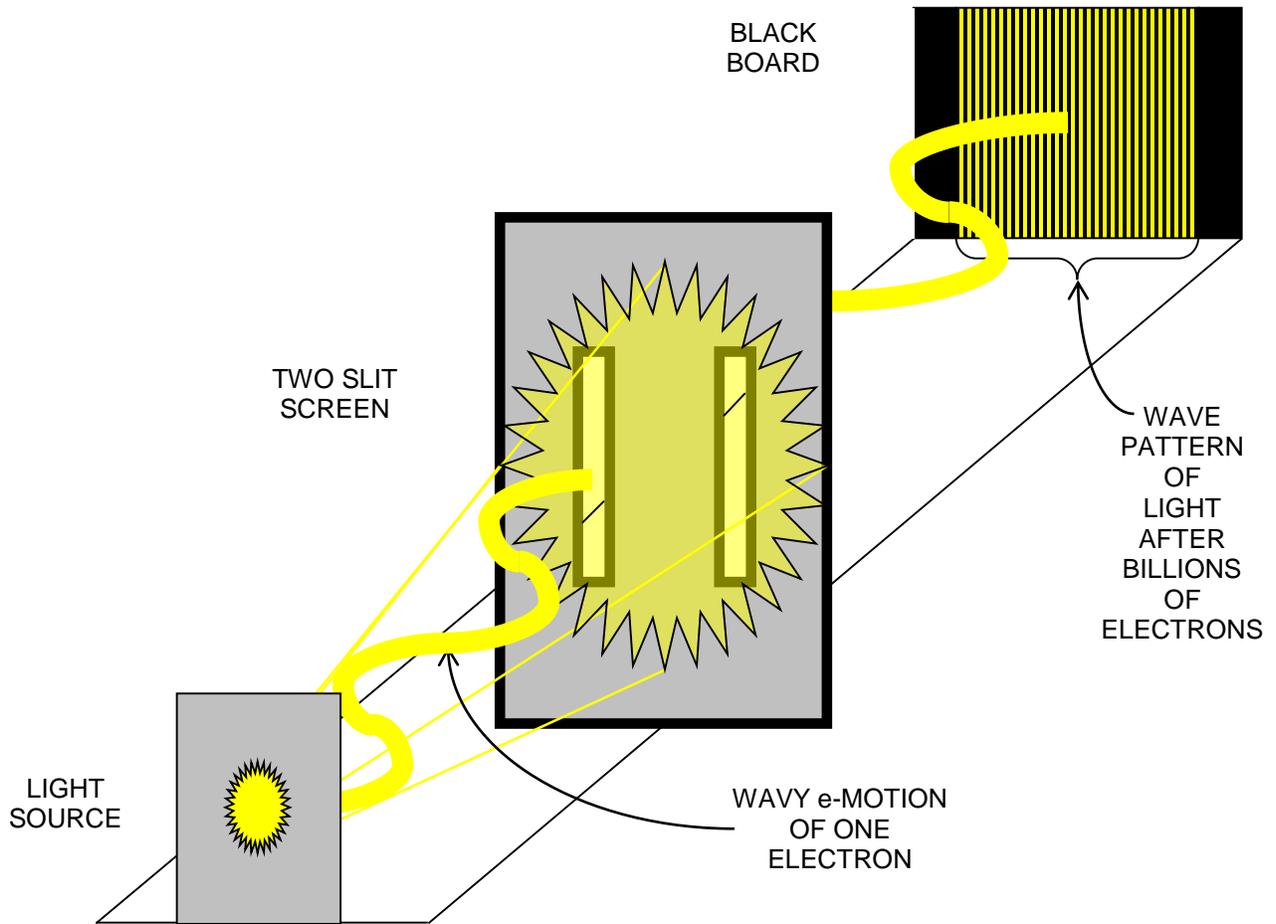
For now we will go on with growing out with the qT & e of building elements.

Let's draw another picture of the quark trifoliate with its e. See Figure 8.14 NATURE'S MEND ELEMENT 1. And what do we have but a P with spin with 3Qs spinning and an e spinning and an EME summation as monatomic hydrogen.

From the outside it looks like our current understanding of an atom. But on the inside it's all about NATURE'S MEND. And thus the EME summation can be considered to be an EME cloud or flux. And because of the high-speed intrinsic motion it appears neutral, non-magnetic.

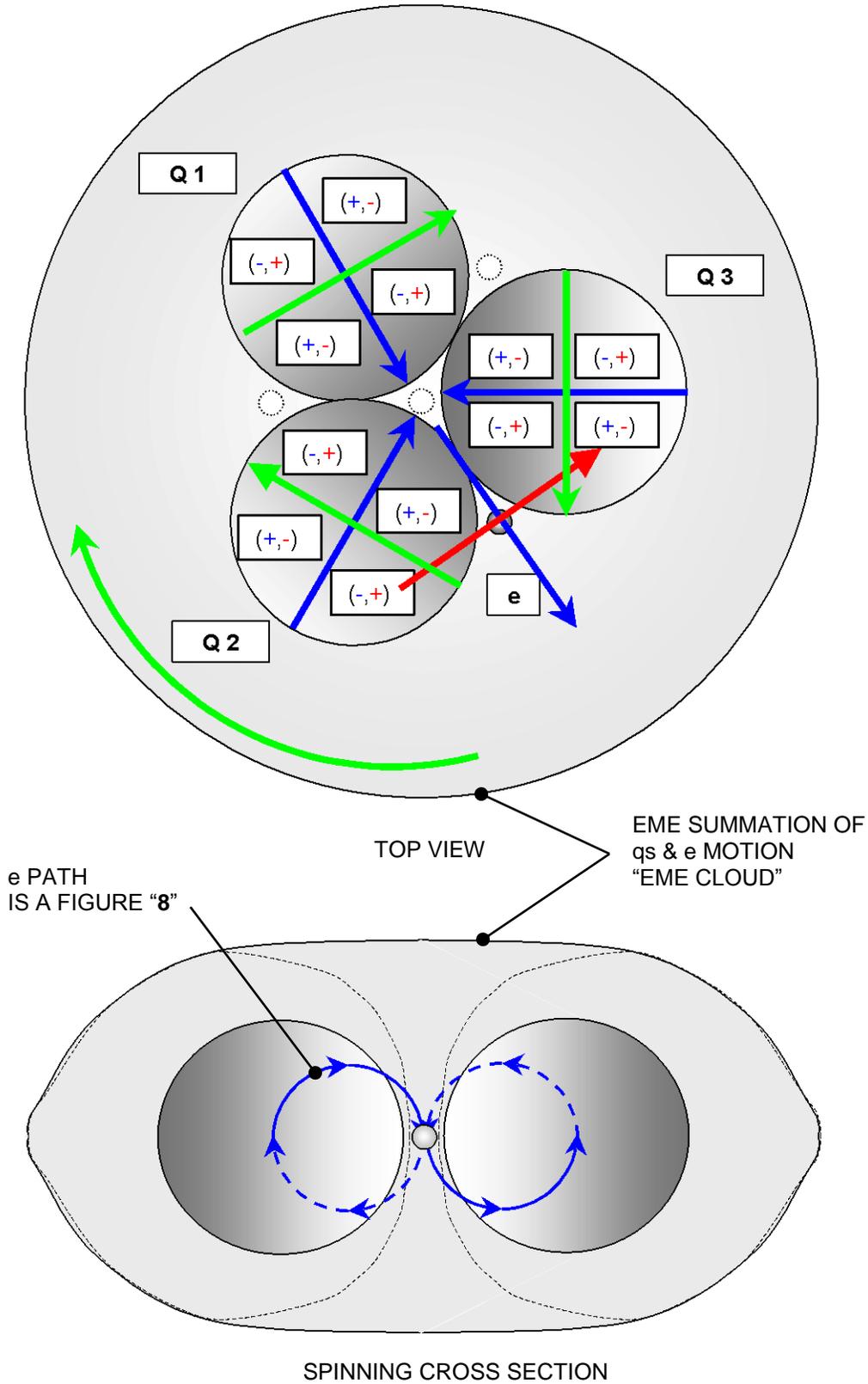
If we consider that the e is free in its motion on hydrogen, because its motion is acquired at the birth of the trifoliate then all energy evaluations can be based on a difference in e attached trifoliate and free. We can build every atom with quark-Ts and es that slow down, brake electromagnetically and pack hexagonally on a surface of an atomic nucleus' sphere.

Here is an added quantum jump. Looking back at Figure 8.11 and the red pouch of e-motion, because of the light speed of the electron there can be a trailing residual charge in two pouches without an e: the pink pouches. This may relate to element constructability with the attachment of elements to each other such as 2H₁ to O for NATURE'S MEND drink – water as in H₂O or H-O-H. This last symbolization is of special note because the hydrogen atoms actually attach individually to the oxygen atom in reality, in Common Space.



NATURE'S MEND REVISED THOMAS YOUNG EXPERIMENT

Figure 8.13



EME SUMMATION OF
qs & e MOTION
"EME CLOUD"

NATURE'S MEND ELEMENT 1

Figure 8.14

But before we continue to grow there is one more interesting thing about the monatomic hydrogen atom. It's a quantum jump, and it's outrageous and in one Bulk it's contagious.

Can you see the hint and vision the glint?

The EME cloud is not a spherical cloud. It is a discus-donut with a hollow core. And at the core of the discus-donut is its axis of rotation and on this axis of rotation is a true point. And it's a point of EME neutrality between the two hemispheres of the trifoliate.

This means the EME polarity switches at this point. And we have a naturally occurring monopole of charge, of EME. And another mystery of men-god's impotent impositions (lack of basic understanding of How & Why), just naturally occurs in NATURE by the NATURE of CNPE \surd M-EnD.

This shape and EME nature of this flux cloud will come into play as we vision more Natural characteristics of H in NATURE and all the elements that grow from it. It was cited in Article 4 and relates to the charge values of quarks in this new theory, which match current understanding. Though there are not two quarks in this new theory there is only one and an e and lots of EME.

For can you now see that the only difference from H (hydrogen element 1) to U (uranium element 92) and in-between and beyond is the summation of qs & es and their motion and energy electromagnetically? And we have three in energy as we do dimensionally and they can all expand and contract over absolute TIME.

As an introduction let's look again at iron (26), mercury (80), and Lead (82).

An iron atom is a solid metal, which could mean the packing between qT-es [quark Trifoliate {three quarks in one} and an electron] in iron is strong [they're tightly packed] and not easily changed.

An atom of mercury is a liquid, which could mean the packing between qT-es is weak [there are gaps] which allows for subatomic rolling (fluid motion) of the qT-es. And mercury is a dense liquid metal.

An atom of Lead is a soft solid metal, which could mean that by adding a few qT-es to mercury NATURE stops the subatomic rolling and closer packs the qT-es making Lead soft and supple.

Detailed analysis of this is just another opportunity to test and bulk this new theory.

Now, let's take a little look-see at quarks-e atomic constructability.

With a base, or more appropriately the CORE ELEMENT of NATURE established containing the CORE PARTICLES of NATURE and the CORE ENERGY of NATURE we will let HER build whatever SHE wants the way SHE wants with HER WAYS, MEANS & METHODS.

We can walk with HER hand in HAND as SHE moves up the Periodic Table of elements and see if anything naturally occurs.

Or you can stay isolated and brainwashed in current theory and stroke your strings. Maybe your strings will cause a stroke in your brain because of a lack of blood – basic understanding?

No thanks; [peek a boo its and it's] its one thing to listen to music and it's a whole other thing to play the music. The only musical instruments that I know how to play are the radio and stereo. I would rather play with some one else than myself.

I will play with NATURE and work on hydrogen with its NATURE made form Protium, its natural diatomic existence, and its two isotopes Deuterium and Tritium.

The hydrogen atom that has been discussed to this point is Protium – H₁.

Diatomic hydrogen – H₂ has two Protium atoms and thus it has two protons and two electrons and no neutrons.

The Deuterium isotope has 1 proton – 1 electron – 1 neutron.

The Tritium isotope has 1 proton – 1 electron – 2 neutrons.

The definitions here for proton and neutron are current theory based. We will see if we can build with NATURE in this new theory and come up with the same or at least similar results.

It is known that hydrogen likes to exist in NATURE in the diatomic form: H₂ versus H₁ (H). It is also known that hydrogen gas in this form is highly explosive.

Can these conditions of H₂ be evaluated on EME spin of the quark and electron on the subatomic level with quantum energy?

To do this we need to look back at Article 4, and Figure 8.1.

Remember that the fusing of quarks into their natural trifoliate state induces the electrons motion and charge in this new theory.

This and the fact that all three spins on the electron, its intrinsic spin; its wave motion about the quark trifoliate; and its torque spin from the quark trifoliate are 1/2 spin, means we should be able to use changes in these spins to account for quantum energy changes in combinations of quark-Ts and electrons.

That's because all quantum energies, spins, at this subatomic level are related to EME.

Maybe COSMIC spins are related to EME boundary layers of compounds and particles and of masses of planets as water vapor was to earth's boundary layer in Article 7?

Let's go back to Protium and 1P & 1e.

Here comes another quantum jump.

It is interesting that there are no N's in the first element of NATURE. And there are no N's in its Natural diatomic form.

Maybe N's are not what they think they are in current theory?

Remember from Article 4 that in this new theory Ns are nothing more than flipped over Ps with hidden es. And the apparent neutron was built naturally with hexagonal surface close packing of Ps with es as shown in Figure 8.8. Apparent means that it looks like a trifoliate but it isn't, because each of its quarks belongs to a different P & e trifoliate.

Here's the insight to this quantum jump: man measures in a one dimensional static state in a collider. They stack up the various one dimensional detectors and look at them in 3D to establish a

size for the particles that were detected, or a path of motion that was detected, or a detection of the amount of energy released. They then analyze this without any consideration for spinning, fluid state, or gas phase. They even have phantoms show up in their detectors. If their efforts to track an electron through the two silts of the Thomas Young experiment changed the outcome how can they be sure of the outcomes they are measuring in these complicated colliders with billions of quarks colliding at one time?

NATURE at this subatomic level is never static; SHE is always in Dynamic spin motion, maybe at the speed of light.

HER particles are spinning so fast we just can't see them spinning.

Al-E was right once more in that, "we are all moving at the speed of light at all times."^B Not externally as pondered on in Article 5, but internally-sub-atomically in the encapsulation within this Article.

If it's moving internally-subatomically it can be considered to be living. This is somewhat of a contorted "butterfly effect"^F perspective.

That means everything is living in a sense at its most intimate, intrinsic, bare essential level!

Two Horses and I were discussing my theoretical concept and LIFE, as we stood looking out my kitchen window in South Dakota. And he commented to me:

"A Native American Medicine Man told me once, 'When you look out at everything, think of it as living.'"

This also aligns with the Mayan philosophy.

And in this theory of NATURE everything is living for it is moving about at the tiniest of levels.

EME is the pulse of life in BULK₁ and maybe the pulse in BULK₂.

And all the men-gods of christianity ever wanted to do was convert them and never listen to them! Then again, those christian god-fathers never listened to GOD so why would they listen to a red man?

Sorry, I'm BULK jumping again. Please forgive me, I'm a man and I sin!

But then again I've always tried to listen more than I talked. And that let me talk a little bit with every one. This let me learn more about every thing and every one. Some will argue about how much I talk and listen. Just because one is talking doesn't mean what he is hearing goes in one ear and out the other!

Try talking to GOD one on ONE, you might be surprised with HIM and HIS SIN (HOW & WHY HE will let each one of us LIVE or DIE). No need to cry!

What all this intrinsic life means is that to measure NATURE with utmost certainty when SHE is always in motion we would need to measure HER in all directions at all times, in 3D dynamically with understanding of spinning particles, fluids, gases. And with big masses in smashes who really knows what they have, when they have it, where they have it, and how they have it?

This is several degrees of freedom beyond men-gods current atom smasher capabilities of imposed linguistics and mathematics of limited instantaneous uncertain electro-static measurement. And that means they can't be certain about anything they are measuring currently, sub-atomically.

The Uncertainty of Heisenberg flash floods current theory and supports all my comments about them not seeing what they think they're seeing in NATURE from current theory atom smasher experimenting.

H_ALE of GOD are more of this theorist's physics-heroes. H_ALE [Heisenberg Aristotle ALbert Einstein. HALE to the CHIEF – THE BOSS! THANK GOD for these guys!

That means Ns can be flipped over Ps. The applicability of Ns being flipped over Ps will come into perspective as NATURE continues to build elements with Spherical Surface Hexagonal Close Packing.

The other critical viewpoint to retain on NATURE is as SHE builds elements they are constructed radially. IE; when two Ps each with es join to form diatomic hydrogen everything naturally operates around the atomic center or more generally the molecular center.

We have two ways to view the element.

If you view it from top everything is reversed from top to bottom hemisphere. Like on earth when you cross the equator it switches from North to South or South to North depending on the origination point of your trip.

However for NATURE there is only ONE OP (Origin Point) of the OP (Origin Particle) and that's from the very core where x, y, & z intersect and because from the outside it's all darkness. For HER element construction, when you view it radially looking out from the center, the first thing you see is actually opposite of what it is.

Like with m&m's (chocolate & candy coating versus candy coating & chocolate).

This will become clearer when we look at H₂.

That's some insight as to why an N looks like a flipped over P naturally in this new theory. From inside it's an N from outside it's a P and can have natural reversibility.

Protium – H₁ sets the benchmark for all quantum energy levels.

Here the energy levels we are talking about is EM Energy associated with a moving e, and not binding forces.

As mentioned in the earlier example, binding energies, which by the way are related to EME, come into play in atomic characteristics or when an e or quark trifoliate is separated from the atom.

What is the benchmark reference EM Energy to evaluate the difference of an e in H₁ and H₂?

Is it stored energy; internally slowed spin motion; or is it the lack of stored energy, free motion of our subatomic particles?

For our discussions the benchmark is the lack of stored energy, un-braked EME [like a Formula One car racing on the straightaway of the track versus braking in chicane], or the maximum

free motion of the e. I must admit Formula One dominates my racecar viewing time! "Crash"⁶⁹ kicks ass on "Talladega Nights"⁷⁰!

If H is stable mentally [e-motionally] but likes to be pored physically as H₂, and H₂ is explosive there has to be a tremendous amount of change in the spin of the e in this theory for it to even have a possibility of reality.

We know in H that the e is free to spin with all three spin components, intrinsic – quark orbit – quark trifoliate torque, unrestricted.

An e-motional [EM Energy] difference between an e in H, and free can't be, their e-motion is identical.

However, from a geometric shape H has a physical instability of atomic motion and is susceptible to flopping while it's tumbling: it can wobble. Remember the EM discus-donut? You can roll this shape in one axis like a tire. In the second axis it spins like a top. But in the third axis it will flop.

Shape does make a difference when it comes to NATURE'S satisfaction. With COSMIC shapes, a discus is acceptable as discussed in Article 7 and in this Article and is very stable when spinning.

With subatomic shapes a discus is not acceptable. So NATURE joins two Hs and has H₂ as its natural form and the EME CLOUD is much more spherical, stable and can roll in all directions.

Maybe it is the discus shape of the EME itself that induces the joining in the fusion process?

Again, as we have just shown or proven it is the EME Phenomenon that is at the CORE of NATURE.

But, when 2-Hs become H₂ something happens internally and H₂ likes to go boom. Does the e want to be crazy because it has too much internal energy? Is it strapped down electromagnetically by the quark trifoliate? Or does it have some other restriction physically?

Let's take a look at H₂ from an e spin vector prospective. We must remember that in this new theory the e rotates around the quark trifoliate and actually passes through the core and comes out the backside.

To construct an H₂ atom we use two H₁s, two quark trifoliate each with the attached e (electron). To join them in a top to bottom view we have to flip one of the H's over. The quirk here is that from Article 4 when we do this it looks like an N, but it can still hold an e. But, we're not looking wholistically so let's look radially and fuse them.

If you put yourself at the center, the core of the atom and observe as these two come together you would see two neutrons. Two neutrals can come together and nest quite nicely.

However, this seems to be too easy of an out.

We know in reality that opposites like to attract.

Let's loop around. If we are out and look radial in as the H_2 rotates by we see two Ps pass by us per revolution of the H_2 atom. There must be two es because of H_2 's neutrality. Still seems too simple, too easy.

We will Planck Step inside the quark trifoliate, and look at individual quark spherical surface charge that was introduced in Article 4.

When you do this and stack the quarks vertically the posterior spherical surface charges [(+ or -)] of the quarks on the left H_1 are opposite of the anterior spherical surface charges [(+ or -)] on the quarks on the right flipped over H_1 . And as we just noted opposites like to attract. When two opposite charges come together they have neutrality. There is neutrality on both the outer half and inner half of two Hs joined as H_2 . This neutrality in charge also relates to neutrality in the EME field at the hemispherical splits. So two Hs with their Ps and es can come together naturally. See Figure 8.15 $2H_1$ to $1H_2$ Transformation.

Now we can look at spins.

The first spin we will consider is the trifoliate torque. The torque of each are opposed so the trifoliate will slow down and stop, creating the motionless shell of the EME atmosphere. The stopped torque then allows the protons to nest with like charge in a dense close packing configuration with that motionless EME field. We switch back to dense packing again on H_2 : more recipe card refinement.

This could relate to some level of strong force attachment of quarks in H_2 : a magnitude (color current theory) change in the strong force, but not quite as strong as the first strong force.

Or it could add to the explosive NATURE of H_2 or why it's a gas. Because close packing could result in quark spin braking with offset spin dynamics at the core because of the nested trifoliate. Most likely once the geometry and trigonometry are done the contact speeds will be the same and no slowing of quark spins will occur. I say this because when you look back at Figure 8.8 the contact angles are the same for the packed quarks as they are for one trifoliate of quarks. It's that spatial specialty of three. And it applies equally to He [Helium] from Article 6 Figure 6.10. Which means they contact at the same speeds and no slowing down is induced.

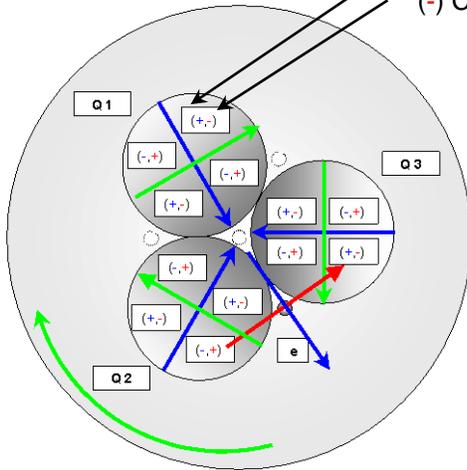
There will be a need of further bulking on the trifoliate torque. Slowing down of torque may add to compound constructability. I will address it only in outline form in this Article.

Also there will be a need for future analysis of the quark spin in the trifoliate because if you drop an upside down proton with a hidden e into the Atomic Surface Hexagonal Close packing of Figure 8.8 it would cause a tremendous amount of slowing down of quark spin in the trifoliate. It might even stop it altogether. It didn't occur in He [Helium] so it won't be applied here theoretically. And here's why: If you do drop the upside down proton with a hidden e [an N] into the Atomic Surface Hexagonal Close packing of Figure 8.8 you have 3 spinning quarks from the upside down P trying to overcome 9 spinning quarks of topside up Ps, because they are all equal in spinning strength, 9 spinning quarks will defeat the 3 spinning reversely every time.

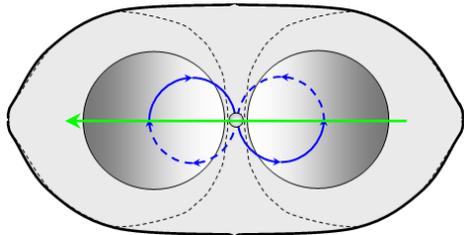
The nesting of the two H_1 s in H_2 is natural close packing to Perfection with NATURE'S Precision, Accuracy, and Conservation.

And with that we now have an interesting insight of e rotation on, around, and through the quark trifoliate, the wavy motion vector.

LEFT H₁



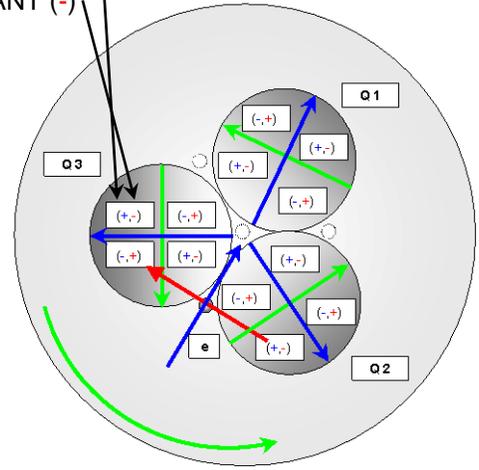
H₁ TOP DOWN VIEW
AND CROSS SECTION



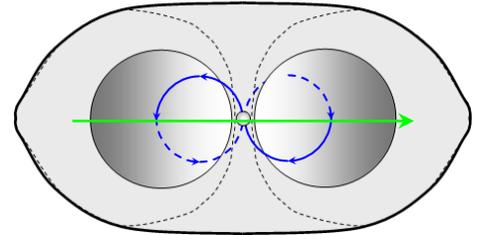
(+) CHARGE TOP QUADRANT (+)
(-) CHARGE BOTTOM QUADRANT (-)

NOTE:
FOR OPPOSITES
TO ATTRACT
THE LEFT PROTON
BOTTOM QUADRANT
CHARGE
HAS TO BE OPPOSITE
THE RIGHT PROTON
TOP QUADRANT
CHARGE.
AND THEY ARE!

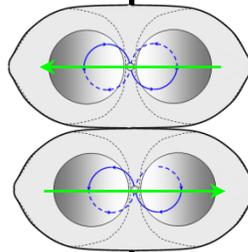
RIGHT H₁



H₁ FLIPPED OVER VIEW
AND CROSS SECTION



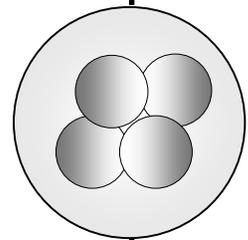
LEFT H₁



RIGHT H₁

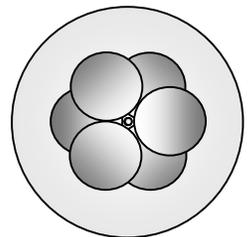
**THE TORQUE ON THE HYDROGENS
ARE OPPOSITE WHICH ALLOWS THE
QUARK TRIFOILATE ROTATION TO
COME TO A COMPLETE STOP.
THE TWO MONATOMIC HYDROGEN
ATOMS CAN NEST**

AND WE HAVE FORMED
DIATOMIC HYDROGEN (SIDE VIEW)
WITH A RECONFIGURED EME
CLOUD AND NATURE OPTIMIZES
VOLUMETRIC SHAPE



LEFT H₁
RIGHT H₁

DIATOMIC HYDROGEN - H₂



TOP VIEW

2H₁ TO 1H₂ TRANSFORMATION Figure 8.15

The two es are on a collision course, meaning their handedness vectors are pointing in the opposite direction, they are both pointing to the core of the H₂ atom as they rotate into the center of their associate quark trifoliates.

If we are willing to consider that the es when free, travel at the speed of light velocity; over this short travel distance of wavy motion around the quark trifoliate they can theoretically be instantaneously everywhere at all times on their short trek track.

Al-E was right, “We know mentally where the e should be and at what velocity.” paraphrased literally as it applies to elements naturally – chemically in constructability.

We know that likes repel and thus the wavy motion of the electrons around the H₂ atom is stopped: comes to an abrupt halt. They can’t back up because the quarks continue to spin into the core and force the es into the atomic center of the atom.

This means that in H₂ there is a tremendous amount of stored free motion in an e that has been braked Electromagnetically. And with the e stopped on the axis of the quark trifoliate it nests near the core of the quark-T trifoliately.

Maybe Al-E was right with $E = mC^2$ in $EME = e_mC^2$ for the intrinsic spin of e is internal and keeps spinning, which means two external spins that are stopped are available to be squared Naturally. And thus, $E = mC^2$ applied atomically, as in bombs or nuclear reactions, can never be completely achieved because some of the mass, actually most of the mass, either in qs or es, is always in motion and both are never completely stopped.

If you can believe it, they’re still missing 99.9 % of the energy in the controlled fission process of making electricity with nuclear energy.

If you can’t, look it up in the World Book Encyclopedia under Relativity “a process known as fission, releases only 0.1 percent of the total energy content.” This is another opportunity for further bulking.

And, there is an uncertainty in the value of C. If light bends by spacetime warping or boundary layers then dark matter & dark energy or centrifugal sling & detonation momentum can compress it by the matter of the form of Aristotelian *physics*. And we aren’t certain what this dark stuff that they can’t see even is. NATURE’S MEND has laid a foundation for it with centrifugal sling and detonation momentum.

Thus Al might not be wrong, as I have thought previously, just our application is uncertain. Heisenberg strikes again! For if you can’t measure coupled quantities with certainty subatomically you also have to be uncertain about calculations and measurements of coupled quantities at that same subatomic – atomic level.

I’ve never read or heard any of the current theory gods’ comment on this.

Thus current theory stumbles and fumbles with the application of the word of one of their gods, Al-E, for they can’t even apply $E = mC^2$ correctly. And they have applied it religiously subatomically throughout their current theory. Thus their theory can only be a probability and not an actuality of NATURE by their own definition of current theory quantum mechanics.

Who is hiding in the dark?

Not me! For I've worked openly in the LIGHT of NATURE and try to live life in the LIGHT of GOD. And I think both are showing a lot of BRIGHT BLUE LIGHT in this theory.

But their theory is filled with dark-heavy stuff that controls light-visible stuff. Such as their Black Hole – gravity's current theory origin god-mother-father of accumulating fart gas; Dark Matter – gravity's ghost of massive things unseen so they can explain things seen – light bending and extra speed; and Dark Energy – where there's a matter ghost of gravity there has to be an anti-matter ghost of energy they can't see.

For them NATURE is just a tootsie₂, a whore, couching behind the door of their linguistics and mathematics. They use HER and abuse HER and when SHE screams they call HER absurd. Now they hope that if they build the right score with vibrating super strings SHE can be tied up and forced to sing.

NATURE is not the one that needs coaching or coaxing₄!

We need to learn to follow HER COSMIC TRAIL from beginning to end for there is only ONE.

If you can find it and stay on it you will be on your way HOME, not home, but HOME. A path to GOD through HIS NATURE, for HE is the GOOD MAN behind the GOOD WOMAN!

Let's move on with this new theory and look at the third spin element, that of the electrons themselves. And another quirk of trifoliate construction (that spatial specialty of three, naturally) comes to the surface. An object setting nested in three spinning objects can come to a complete orbital stop and keep spinning around its axis electromagnetically because of core neutrality. With that, all the free motion of the electron in H₂ is slowed [braked] to a single spin: its intrinsic spin.

Thus, if we look at the availability of quantum energy between e motion in free space and e motion in H₂ there is a 2/3^{ds} maximum potential for release of e-motion energy in H₂ because two of the three spins have been stopped. The quarks are still at free spin about their axis, but the trifoliate torque has been braked. As mentioned before the trifoliate torque will need further analysis in a future bulking for its impact on the element characteristics.

Common Space understanding tells us that fission reactions are related to release of es. Fission reactions typically involve very heavy atoms such as uranium being split apart.

Fusion reactions involved the joining of the lightest atoms to form heavier atoms, which we will discuss shortly.

This look at only the e would be more related to fission than fusion for in the explosion of H₂ the little atom is blown up.

If we apply AI-E's $E = mC^2$ as a ratio what happens?

$$E_e/E_{qe} = (m_e/m_{qe})C^2/C^2$$

The C²s cancel out and we are left with a ratio of masses equal to the ratio of energies.

We know the ratio of an e to a q so we can calculate the ratio of an e to 3 qs. But when free to race around and through the core of the trifoliate the e is associated with one half of two qs. This is because the EME influence on the e as it moves freely [orbits around, in, and through the qT] is from half the mass of the q on each side of the es path. Or one third of the three qs masses when it

passes through the core of the qT. Thus there could be variations in results once actual performance testing is done because there is some length to the e path and transition time to the core. These would be very very small, but as I said before we don't want to ignore any ants.

Thus when the e bond is broken it is bonded to one q mass.

Thus only one q mass is applied in the calculation.

Thus the ratio is m_e/m_q and the spin is 2/3 maximum so we have: $(2/3)(1/648) = 0.00103$ or 0.103%. It is 3% higher than what is expected from current fission experiments, which is a lot better than 1/1000 of what they expected and can't explain from directly applying $E = mC^2$. Fission energy release will be looked at again later in this Article on a more detailed basis.

And what do we have naturally, but H₂ gas explosions when pockets of free H₂ are ignited. Not sure this would be a fission or fusion reaction or just a chemical explosion. Analysis of this is left for later bulking.

However, the higher heating value [energy release when used as a fuel] of Hydrogen H₂ is 2.8 times that of Natural Gas which is mostly methane CH₄ (One Carbon with 4 Hydrogens).

Here is a real life example of how dangerous H₂ can be. The compound Ammonia (NH₃ – One Nitrogen and Three Hydrogens) is used in certain cooling systems to make things really cold – like ice. If these systems become involved in a fire, H₂ is given off. When the first responders reach the fire they first check for H₂ levels. If the levels are too high they turn around and run and let it burn away because there is a huge risk of it blowing up and them being blown away.

Sadly, this is what I think happened in West, Texas in April of 2013. Did you see the flames propagating [spreading] on the edge of the fluid running out of the building? When the lower ignition concentration level was reached with the outside air [21% O₂- diatomic oxygen] it went boom.

Thank GOD most of the H₂ on earth is bound up with other elements so that we can make controlled use of it. Like, Natural Gas CH₄ [1 Carbon atom and 4 Hydrogen atoms], also known as methane. We use it to heat our homes, work places, and industrial processes. It is also used to power engine (like in a car) driven generators, but there it is only about 30 percent effective: 70 percent is lost in heat generation. The utilities waste it, but you still pay for it!

And outside earth where it's not bound up we have the Sun and stars that we make use of. Star formation was touched on in Article 3 and will come back to define you and me uniquely unequivocally, and GOD in probability in the postscript of this Article.

If we take one last look at H₂ we can conclude two things. One it is physically stable from an EME cloud summation, and two it's e-motionally unstable with all that braked EME on the e. Its internal rubber band is really twisted up and could snap at any time. And there has been no guessing, no fancy math, just a little linguistics and a lot of NATURE'S Geom-Geo WAYS, MEANS & METHODS.

Do you want to return to play a guessing game with yourself in the dark of current physics theory with fine-men-gods? Men here being generic of course, but it makes a nice linguistics play on the god Feynman who called NATURE absurd. That is if I'm pronouncing his name correctly as "fine-man".

Or do you want to continue to walk with me hand in hand with NATURE'S HAND in reality and just maybe the LIGHT of GOD?

Will spin mass ratios of atomic structure over the entire Periodic Table support or subdue this new theory. The full extents of this will be left for future bulking. We will peek into it just briefly in this Article.

Now we're ready to look at that isotope of H, Deuterium, D. D has one P, one e, and one N in its atom and is known to be stable. Can two Ps and es come together to form a D Naturally in this new theory and result in a P & e & N?

This would mean from our top down perspective that we are looking at two Ps. If we look first at quark spherical surface charge, the two Ps can stack vertically on top of each other with opposite charge of left posterior to right anterior just like the H₂ atom. It has to do with the spatial specialty of three physically and electrically.

Another little quantum jump with NATURE'S charge over men-god's mathematics, "+" & "-" can be neutral instead of negative.

Because the two of them are spinning in the same direction they remain stacked and do not nest in a dense close packing arrangement like H₂. This means that NATURE'S MEND has started constructing with a hollow nucleus within the confines of HER first element.

If EME is spin related with charge, maybe it's the mathematical applications of men-gods that should be dissipated and relegated from NATURE'S BARE ESSENTIALS, the How & Why: HER PRESTIGE.

It is a quirk, the spatial specialty of three in NATURE, and three is special: can you see in D from Article 2 and in E from this simplicity?

See Figure 8.16. 2H₁ or H^P&H^P to H^P-H^P or D Transformation.

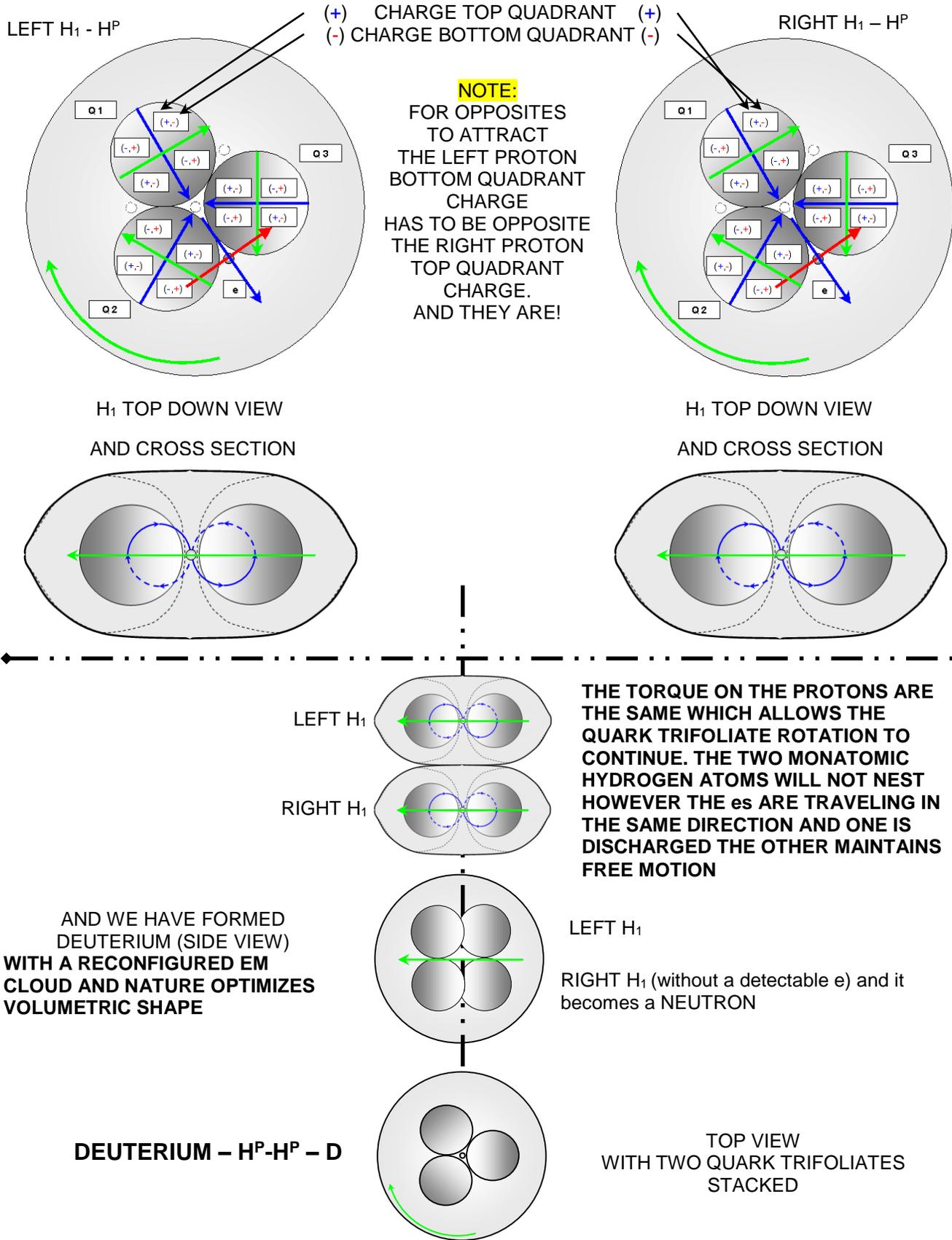
In current theory the chemical symbol is D or ²H. It appears in Common Space and Outer Space in very small quantities. They believe it is a relic from the BIG BANG.

An interesting element characteristic, in current theory is that a D weighs less than 2-H, but a neutron is to weigh more than a proton. Is this more darkness in their theory? Or is it just some inaccuracy to measure at this level in NATURE? Or do they really measure? Maybe they only calculate based on a reference element like Carbon-12 (¹²C). This one has me pondering . . . !

What's interesting about H₁ and D₁ for Common Space is that the atomic faces [top & bottom] in NATURE'S MEND are the same. H₁ on top is a P and on the bottom it's an N and so is D₁.

This allows them to attach to the Oxygen atom in the same way. This results in two compounds, H₂O and D₂O. The first one we all know as water H-O-H as shown before. The second one some of us know as heavy water. We can also write this compound ²H-O-H². Can you see why they call D₂O heavy water?

The other interesting thing to note about H is that in other compounds such as methane (CH₄) and butane (C₄H₁₀) the hydrogen atoms attach individually as H and not as H₂.



2H₁ OR H^P&H^P TO H^P-H^P OR D TRANSFORMATION Figure 8.16

The heat value of these fuels trends down with the Hydrogen to Carbon Ratio [H/C] [4 for Methane – 2.5 for Butane] as e speeds trend up from H₂ in this theory with growing quark quantities. Remember as particle e speed goes up stored energy goes down because we are comparing to free particle spin speed. H₂'s e particles are really slowed down, so as fusion grows larger and larger elements or compounds the e particle speed actually increases.

Let's look at the three spin vectors on D again. The torque are both clockwise thus once alignment is established this vector remains unchanged and no further nesting can occur and no EME braking of torque on the e occurs. However, there is a surface area change from two individual Hs to 2 Hs combined. The two combined Hs have less surface area so there should be some storage of energy. The quarks are free to spin at a 1/2 spin so there is no change there.

The wave motion vector of the es is now pointing in the same direction so as they move together through the center of D you have one P trying to hang onto two es and it fails and gives one up: maybe. If it does the bottom side of the bottom P is an N and it can't capture it again per current theory.

Or it just might hang onto to it, because in this theory the e track lays out internally to the quark trifoliate as shown in Figure 8.14. We just can't see at this level subatomically. Another element of flipped over P neutrality.

My bet would be that it hangs onto it and we just can't see it.

The physics of the subatomic is not what they currently think it to be and my dream lives on.

"Quantum physics is missing some basic understanding."

If it hangs on to the e, the handedness vectors are pointing in the same direction. This allows the two es to race around their quark trifoliate figure "8"- ∞ racetrack independently without energy interference or vector [pointing arrow] collision because the core gap between them is greater on D than it is on H₂.

Thus the retained e or es are free to move about their associate trifoliate freely so there is no change in energy. And with them moving freely in wave energy they also spin freely intrinsically. And in NATURE, D is in quantum energy stability with quarks spinning intrinsically and trifoliately and there is no difference in free e motion to contained e motion on D. So it should not be radioactive, and in Common Space its not.

And it retains its physical stability with a spherical EME cloud summation.

However, there would be some EME cloud variance from H₂ because of the packing difference of the quarks. The EME cloud diameter in D should be larger than in H₂ because H₂ had dense close packing which would affect the surface areas and stored energy.

Detailed variances of EME clouds will be left for later bulking of this NATURAL THEORY. Though, surface area changes will be looked at as we calculate fusion and fission nuclear reaction energy releases in a little bit.

Now let's look at Tritium. Tritium has one P, one e, and two Ns in its atom in current theory and is known to be radioactive and unstable with a half-life of 12 years.

Radioactive half-life of 12 years means there is a 50% chance that it decays in 12 years. Said another way, if you had a ton of Tritium today, in 12 years you probably would only have 1/2 a ton. Its chemical symbol is T or ^3H .

How do we build this atom with quark trifoliate and es in this new theory?

If we could model this physically we would lay H_1 , which is one quark trifoliate in a P with an e face up in a top view on a tabletop. We would then lay two H_1 s with each being one quark trifoliate in a P with an e face down on the same tabletop which gives a bottom view and makes them look like an N.

Remember the face down or flipped over P with an e looks like their N in this new theory.

We would have a free P with an e and two free Ns with hidden es.

If we push these together with the Fusion Pressure of NATURE'S MEND the three H atoms form a fourth quark trifoliate.

See Figure 8.17 Initial Fusion Push of $H^P \leftrightarrow H^N \leftrightarrow H^N$ to T - Tritium.

Because this fourth trifoliate is influenced by the three shared quarks from the three original trifoliate what happens with spin?

First we need to look at trifoliate torque, then quark spin, and then at the three spin vectors of the e.

If we look from the top down the two Ns contribute two torque vectors that are counterclockwise (CCW) in motion. The quark spin on these Ns points out from their respective cores. The P on the other hand has a torque vector contribution that is clockwise (CW) in motion. The quark spin on the P is into its core.

This will result in a slowing down [reducing of torque] of all three spinning trifoliate. They slow down because the P trifoliate torque is opposite that of the two Ns. This is similar to the effect when we inserted a left-handed quark into the trifoliate in Article 6, except now it is on the larger trifoliate level versus a quark level.

This slowing down of spinning trifoliate may relate to the missing momentum and missing energy of current theory related to beta emissions that Wolfgang Pauli theorized in 1930 and was claimed to be discovered by Clyde Cowan and Fredrick Reines in 1956.

Pauli received the Nobel Prize in Physics in 1945 for his work on quantum spin theory, which is not really a Common Space spinning theory like NATURE'S MEND. As we have discussed on many occasions in this work as they don't believe the quark and electron spin in the "Really Real World" of Common Space.

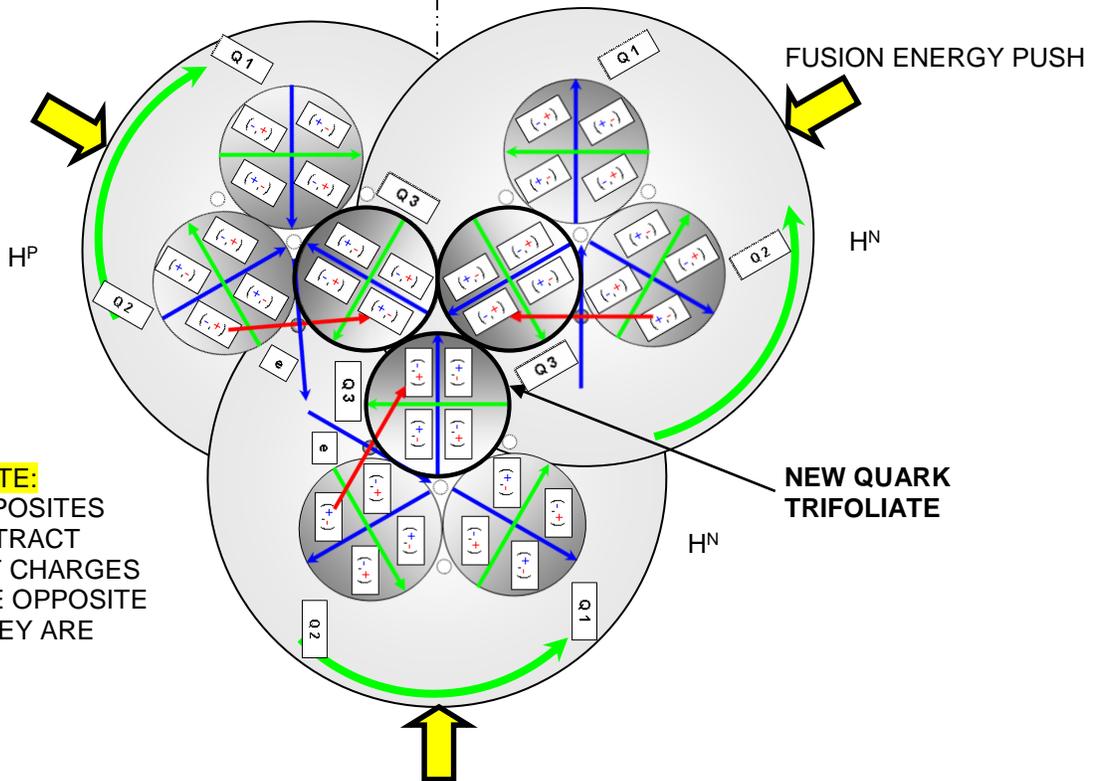
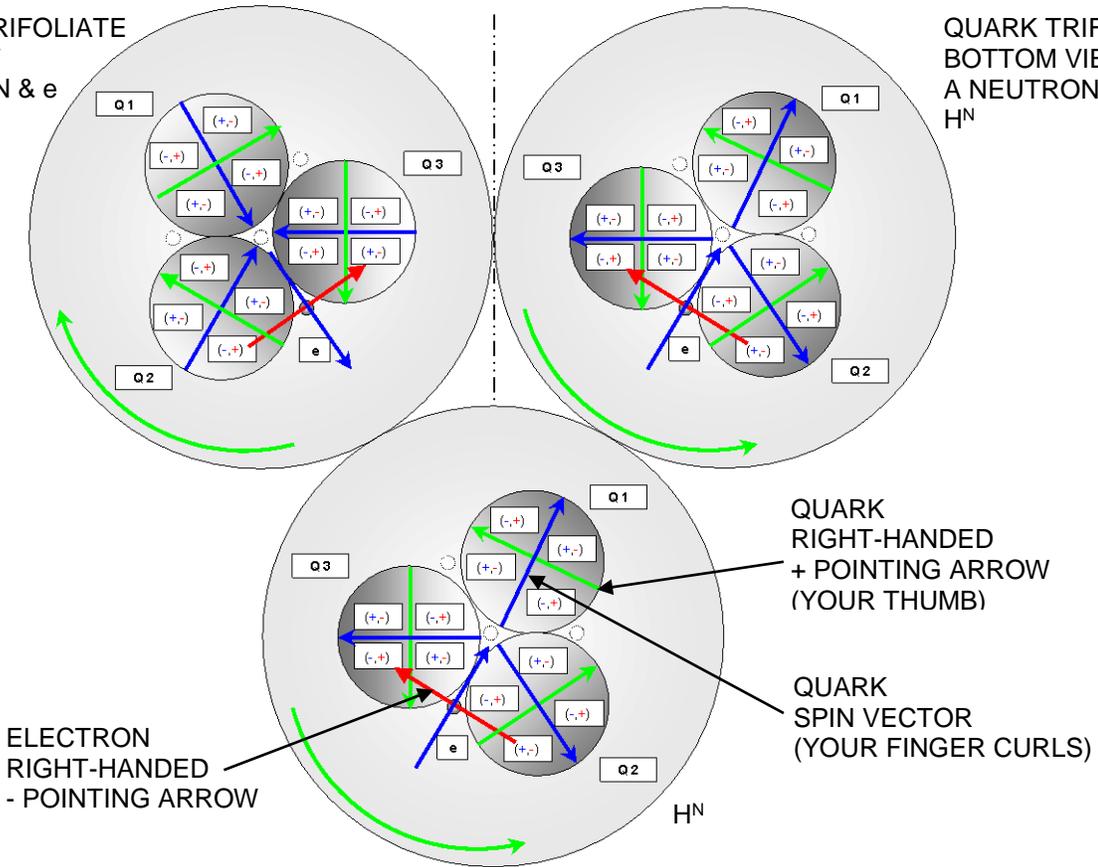
We then look at the new top trifoliate and it is just the opposite with quark spin. We have two quark spins pointing into the core from the Ns of this combined trifoliate and one quark spin from the P pointing away from the core of this combined trifoliate.

As we know NATURE likes to balance and two are stronger than one so the P quark vector contribution is reversed and the original P becomes another N.

NATURE'S MEND

QUARK TRIFOLIATE
TOP VIEW
A PROTON & e
H^P

QUARK TRIFOLIATE
BOTTOM VIEW
A NEUTRON & e
H^N



NOTE:
FOR OPPOSITES
TO ATTRACT
QUADRANT CHARGES
HAVE TO BE OPPOSITE
AND THEY ARE

INITIAL FUSION PUSH ON H^P ↔ H^N ↔ H^N TO T - [TRITIUM]

Figure 8.17

This reversing can occur in two ways.

The H^P trifoliate can flip over due to its opposite trifoliate torque as it slows down. Or the quark spin within the H^P can be reversed.

Either of these will cause the atom to begin to lift off the flat table top.

The new combined trifoliate on top becomes a P with quark spins pointing into the core.

The trifoliate continues to pull together with opposite quark surface charge effects continuing to lift the atom off the table top to stack in a pyramidal formation. We retain the structure of tritium with nine quarks: three as a P leaving six for two Ns with hidden es.

However, the quarks can remain at their original axial spins. But the trifoliate torque has been braked Electromagnetically through the stacking and realignment of the quark trifoliate. This reduced torque spin can be related to the incident angle of contact [They are no longer in the same plane – I.E. the flat table top]. It requires lots of Goliath math to model and will be left for later bulking of this theory in molecular physics and chemistry.

And here comes a quantum jump. We now have an atomic structure in T that can hold 4 es because we have 4 cores of quark trifoliate with each one providing a figure “8”-“∞” racetrack for an e to spin through, around, and on a quark trifoliate.

However, there are only nine quarks and three es to begin with, so what happens?

Because the weak fail before the strong and trifoliate torque is weaker than the strong bond of the quarks, the trifoliate flips over instead of reversing and an e is added from the OOZE of EME.

What happens to the first, second and third e?

And we take another quantum jump and the es are sequestered in the realigned shape of the base of the pyramid with the three original trifoliate as Ps facing into the core of the atom of Tritium and looking like three Ns from the outside. The three inclined Ns work out to be two Ns: $6Qs/3=2$.

Now this tritium atom can be suspended in space and free to spin electromagnetically.

The es are free to spin with all three spins at reduced $qT-e$ [quark Trifoliate with an e] torque speed.

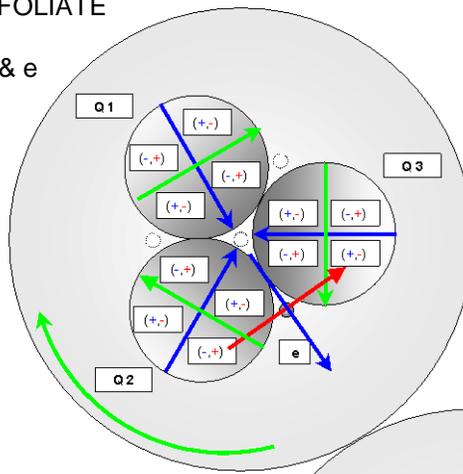
Why does it have radioactivity and decay in 12 years? Because again, the geometry of the 9 quarks in a pyramid is physically unstable and induces an EME wobble.

The other added condition is that the quarks and es continue to slow down due to the EME Cloud dimple [hollow spot] in the bottom of the pyramid. And at some point can easily come apart, decay.

See Figure 8.18 Full Fusion of $H^P \leftrightarrow H^N \leftrightarrow H^N$ to T [Tritium].

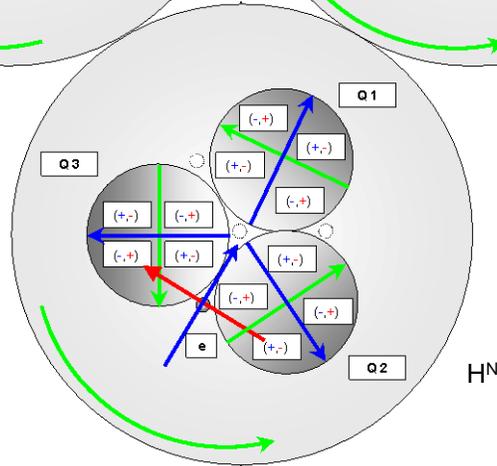
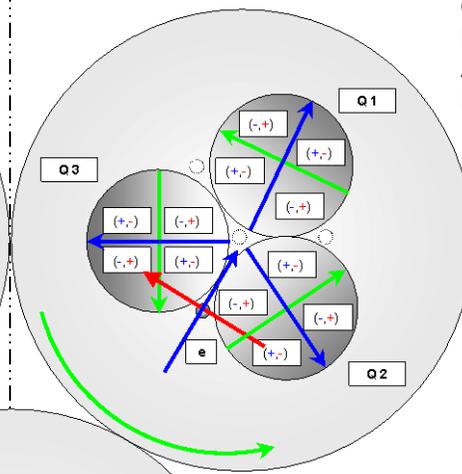
The Tritium atom now spins in two directions because the trifoliate torque is inclined out of the plane of the table. It's some more of that Goliath math. This further induces instability.

QUARK TRIFOLIATE
TOP VIEW
A PROTON & e
H^P

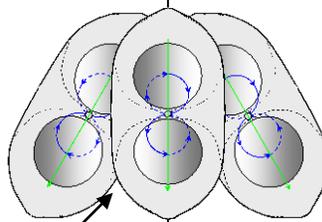


NATURE'S MEND

QUARK TRIFOLIATE
BOTTOM VIEW
A NEUTRON & e
H^N



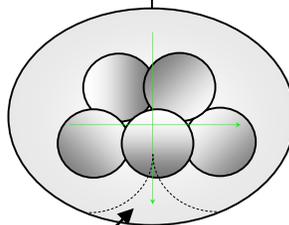
WITH TWO BOTTOM PROTONS
AND ONE TOP PROTON THE
TOP ONE IS LIFTED WHICH
RESULTS IN ALL BEING LIFTED
BY ATTRACTION OF OPPOSITE
CHARGES



THE TORQUE OF THE TWO H^N
CAUSE THE H^P TO FLIP OVER AND
LOOK LIKE AN H^N FROM THE
OUTSIDE. BUT INSIDE THEY ALL
THREE LOOK LIKE H^PS
AND FORM A NEW H^P QT ON TOP

EME DIMPLE BEGINS IN BOTTOM OF ATOM

TRITIUM (SIDE VIEW)
THE SHAPE IS NATURALLY
UNSTABLE AND IN CURRENT
PHYSICS IS KNOWN TO HAVE A
HALF LIFE OF 12 YEARS

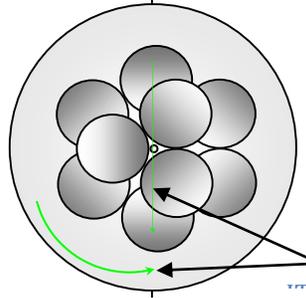


THE TOP THREE QUARKS SPIN AT
REDUCED SPEED IN THE FORM
OF A TOP PROTON AND
CONTAINS AN e WITH REDUCED
SPEED

THE 3 INCLINED TRIFOLIATES
SEQUESTER es AND ROTATE AT
REDUCED SPEEDS

EME DIMPLE IN BOTTOM OF ATOM

T - TRITIUM



FULL FUSION OF H^P ↔ H^N ↔ H^N TO T [TRITIUM]

Figure 8.18

And just maybe it can really add an e and that induces EME radioactivity, because an extra hidden e wouldn't affect charge because of the 4 quark trifoliate. But it could cause the Tritium to pulse energy out of the dimple on the bottom because the energy-mass of 4 es exceeds the energy-mass balance of 3 es and 9 quarks naturally. And we know NATURE doesn't like things out of balance.

Without modeling this in detail some of this is SWAGing [Scientific Wild Ass Guessing]. Sorry it is just part of the infancy of the theoretical story. They've had hundreds of years and I'm ending my seventh year of part-time effort on this new theory.

When Tritium decays two variations can take place. It can decay with a beta emission (lose an e) and drop one qT and become deuterium and H with the dropped qT capturing the e.

It can also crash [partially combine – fuse fractionally] with deuterium and decay into helium with an energy release and a free neutron. And the neutron decays to a proton by releasing an e. And the qT proton captures an e and we have H.

NATURE conserves in Precision and Accuracy with three over TIME with the end results of both decays producing H. And wouldn't you know it – hydrogen is the most abundant element in the universe and is the fuel for fusion.

We are going to look at the second decay.

But, before we do that, I going to state some ground rules for this. The ground rules are really only differences form current theory and this new theory of NATURE'S Matter Energy aNd Dynamics.

The current theory says that an N weighs more than a P. They also have two quarks that weigh different amounts. This theory says that Ps and Ns weigh the same and there is only one quark. This theorist says the current theory difference can be due to sequestered or captured es and their inability to measure with any accuracy at this depth in Inner Space. See Notes 8 & 9 in Table 8.1.

Oops, their theory hasn't considered sequestered es so they have to claim different weights in quarks to account for the differences in weights experimentally between protons and neutrons. Or have they really only guessed at the weights? Can they really detect neutrons?

They also indicate in current theory that an N can decay to a P by losing an e. This would also require that their up and down quarks decay to each other. And yes they think that in their theory. This fits better with this new theory with one quark in reality than it does with their theory, because in their theory they have to lose mass in this decay. That would mean their nature is absurd and not conservative. Oh, that's right; they do think their nature is absurd.

Let's take one more look at this decay through the es. We will work this decay through the use of general atomic formulations using the sequestered es of this new theory.

Here is Tritium decay with Deuterium to Helium and an e with lots of released Energy.

Stage 1 Decay: $T+D \Rightarrow He + N + E$

Stage 2 Decay: $He + N + E \Rightarrow He + P + e + E$

Results: He + H + E

Here it is with Ps, Ns, and es

Stage 1-2 Decay: $[P + 2N + 4e]_T + [P + N + 2e]_D \Rightarrow [2P + 2N + 5e]_{He} + N + 1e + E$

We can check the balance of this by adding the left side together and subtracting the He.

	[P	+ 2N	+ 4e]	_T
Plus	[P	+ N	+ 2e]	_D
SUM:	[2P	+ 3N	+ 6e]	_{T+D}
Subtract	[2P	+ 2N	+ 5e]	_{He}
Result	[+ N	+ 1e]	

The Net Result can be rewritten as: P + e + E because an N is an upside down P with an e in this new theory and the e is now free. And the P captures the free e that was sequestered and becomes H.

What is the "E"?

We will get to that shortly!

And what we see occurs Naturally with the quantum jump of sequestered es (ones you can't see) in NATURE, which is something we can't see, it just occurs naturally because of flipped over P neutrality, which calculates like an N.

We've looped back again to Article 4. See Figure 8.19 Tritium Decay with Deuterium to Helium with E + an H.

And once again the H fuels the fusion process of NATURE'S MEND.

The star is born, H. And there can be only one and that's why it stands alone all by itself on the periodic table of all elements and is listed as Number 1. And as the independent Number 1 it can dense close pack in its explosive natural loner H₂. Does H₂ bond to any other element as H₂ or is it always H-element-H? It's been a long time since chemistry. It's just an opportunity for more bulking.

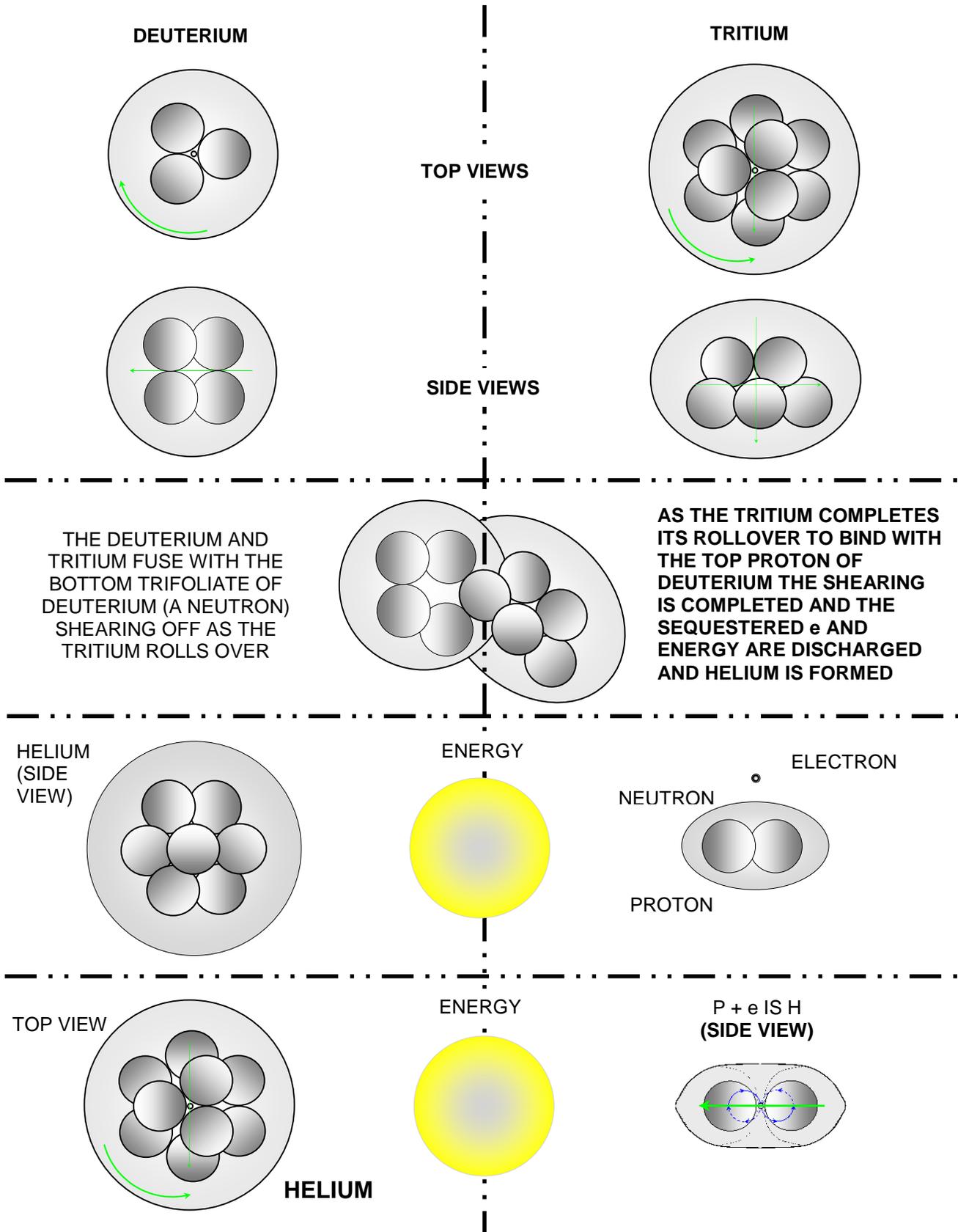
All this element constructability has come about in NATURE by NATURE because of spherical surface charge and spherical surface hexagonal close packing of q-Ts & es for element constructability.

If spherical surface hexagonal close packing was incorrect and volumetric packing in a dense nucleus beyond H₂ (current theory) was correct there would be an inherent natural stability and we lose the natural Geom-Geo link to decay.

Therefore, because things naturally decay spherical surface hexagonal close packing of q-Ts & es naturally seems more likely.

Now we can look at the next element on the periodic table after H.

And AHA, we have helium (He – element 2). Which just came about naturally and we have stability and that was discussed in Article 6.



TRITIUM DECAY WITH DEUTERIUM TO HELIUM WITH $e^- + n + p$ Figure 8.19

Though, NATURE'S He has 5 es instead of two in current theory.

This new theory would say that He should weigh 4.0077. They say it should weigh 4.0026. That's a difference of around one tenth of a percent (0.13%). Not too bad considering we have 3 extra es attached to 12 quarks of the same weight and they have 2 es attached to two Ps and 2 Ns with two different quark weights!

Helium is the first of the Noble gases. Also known as inert gases, which means they don't like to mix or combine with other elements. This then alludes to a natural stability both physically and emotionally of He. And wouldn't you know it the 5 es plug all of the quark trifoliate core-holes naturally.

And what was it that came out of the formation of helium but an energy release. This is related to the internal EM braking, which would mean that the EM brakes have been released and everything, quarks and es that is, are free to move as it does in H₁.

And when you look at spin vectors of q's and e's in He that is exactly the state in which they would be.

Considering internal spin energy of e on He, it is five times that of H. But then again we are not concerned about internal spin energy. We are concerned with differential spin energy between free and braked. And in the case of He internal spin energy is free [un-braked] energy so the differential is zero and five times zero is zero so there is a NATURE made Stability in He.

And the es are free without democracy.

NATURE is a BENEVOLENT DICTATOR [as GOD is said to be with HIS humans naturally] promoting happiness of others [HER elements] with qTs packed hexagonally close on spherical surfaces.

Do you want to continue to walk with me and be free from current theory darkness; and religious relativity to GOD and walk in the Bright New Blue Light of NATURE?

Let's look at a fusion reaction of our $T \leftrightarrow D \Rightarrow He + P + e + E$.

We can do this because of the right-handedness of the pointing arrow of electricity and the perpendicular NATURE of its magnetism [EME flux cloud]. Recall Figure 8.10 and the similarity to current knowledge of the electromagnetic nature of light. They, the electric portion and the magnetic portion are always perpendicular [at 90 degrees] to each other.

Thus we will use spinning quarks about the pointing arrow axis for the electric energy portion and the surface area for the magnetic portion. This could be reverse of reality, but they are linked intrinsically so it's not critical at this level. They are interchangeable at this level. Again we will be looking at differences from one side to the other: the [T ↔ D] to the [He + P + e + E].

We have a total of 15 quarks to begin with and 6 es. The 9 quarks in T point in the same direction along its pointing arrow, and so do the 6 quarks in D. And we can calculate the surface areas of each as related to quark diameter [qd] in surface area of qT free to surface area of qT element-ly. On the other side helium has 12 quarks, but the 3 on top and the 3 on the bottom have opposite pointing arrows so we need only look at the 6 on the equator. And then we have the three from the N [P + e]. We can also calculate the surface area of the He and the N related to surface area of qT free to surface area of qT element-ly.

For this estimation of the fusion energy difference we will use the energy level of 3.2 MeV for each quark as noted in Table 8.1. Thus the electric portion is the number of quarks on the pointing arrow times the quark energy. For the magnetic energy change it is a difference in surface area from the two sides. The magnetic energy then is a ratio of surface area change divided by a summation of total surface area of each quark trifoliate [In this case we have 5 quark trifoliate] times the energy of a quark trifoliate, which is the energy of 3 quarks.

The following is the calculation balance of the [T↔D] to the [He + P + e + E]

	[28.8 MeV] _{T Electric}	+	[6.19 MeV] _{T Magnetic}	
Plus	[19.2 MeV] _{D Electric}	+	[5.00 MeV] _{D Magnetic}	
SUM:	[48.0 MeV] _{T&D Electric}	+	[11.2 MeV] _{T&D Magnetic}	
Subtract	[19.2 MeV] _{He Electric}	+	[13.3 MeV] _{He Magnetic}	
	[9.6 MeV] _{N Electric}	+	[0.00 MeV] _{N Magnetic}	(N is a free trifoliate no stored M E)
E Release	[19.2 MeV] _{Net Electric}	+	[2.10 MeV] _{Net Magnetic}	

NET TOTAL E Release in this new theory is 17.1 MeV. The expected result experimentally is 17.6 MeV. NATURE'S MEND calculated fusion energy is within 3% of what is expected. Not bad, which could be related to surface area calculations.

With some more goliath math and looking and the speed changes in spins the distribution of energy release can be applied to the He and N. The results are that the big He changes a little at 3.08 MeV and the N changes a lot at 14.02 MeV. The expected results experimentally are 3.5 MeV for the He and 14.1 MeV for the N. Again very close. We are off in the He which could also easily be in surface area calculated guestimations which would also add to the total MeV and drive it closer to that obtained experimentally.

WOW – GEE, NATURE'S MEND² could it really be part of the “Really Real World” with theory matching closely experimentally without any fudging?

This has been a substantial amount of Geom-Geo application with some broad interpolations between es and q-Ts, but to be in the same magnitude is very important. It lends credence [belief or credit] to NATURE'S MEND, and that bulking of this new theory should continue so as to confirm or deny its actual relevance.

Let's do one loop back on this application of the es and qs at the upper end of elements with what is used in the fission reaction of nuclear power plants.

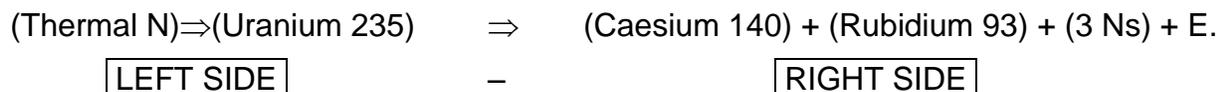
Looking at Uranium 235 means we have 235 quark trifoliate and 235 es: 92 of these are attached to q-Ts as Ps and 143 are attached to q-Ts as Ns.

What about sequestered es that are extra to the q-Ts? We now know He has no sequestered es in the fusion of T and D, the es are all attached trifoliately and the fusion is exothermic [gives off energy] and a free P & e. We also know that at iron fusion goes endothermic [absorbs energy]. Could this be related to sequestered free es and extra EME inside the hollow iron atom because of spherical surface hexagonal close packing of Ps and es and Apparent Ns?

If so how many es and how much EME could iron be sequestering. We will leave the EME for later bulking. If we say that there is a sequestered e for each extra N above the number of Ps counting from He to Fe [iron] there should be 23 sequestered es inside iron's hollow nucleus.

Now we can look at the q-Ts of iron and uranium and determine that ^{235}U should sequester about 96 es inside its atom.

Now let's look at the fission of:



See Figure 8.20

Thermal Neutron Fired At ^{235}U Resulting In Fission To $^{140}\text{Cs} + ^{93}\text{Rb} + 3\text{N} + \text{E}^{\text{RAD}}$

Now we can look at the energy release of the Thermal Neutron Fission of Uranium 235 in this new theory. See Table 8.2 Fission of Uranium 235 by a Thermal Neutron.

The calculated NET E Release is 201.71 MeV. The expected result experimentally is 202 MeV. NATURE'S MEND calculated fission energy is within 0.2% of what is expected. This is very, very close! The bigger the elements the more accurate these early rough calculations can be.

Again, this new theory needs to be bulked for its reality or insanity. But, I must say it doesn't look like I will need electroshock therapy for my CRAZINESS!

Now there are another 107+ elements to consider, a host of which are man-made elements. Their individual vector spin analysis is beyond the scope of this Article and is left to later Geom-Geo bulking of this subatomic atomic cube.

However, we will extend a general discussion of what took place between H, H₂, and its isotopes to He as we Planck Step out into this beyond.

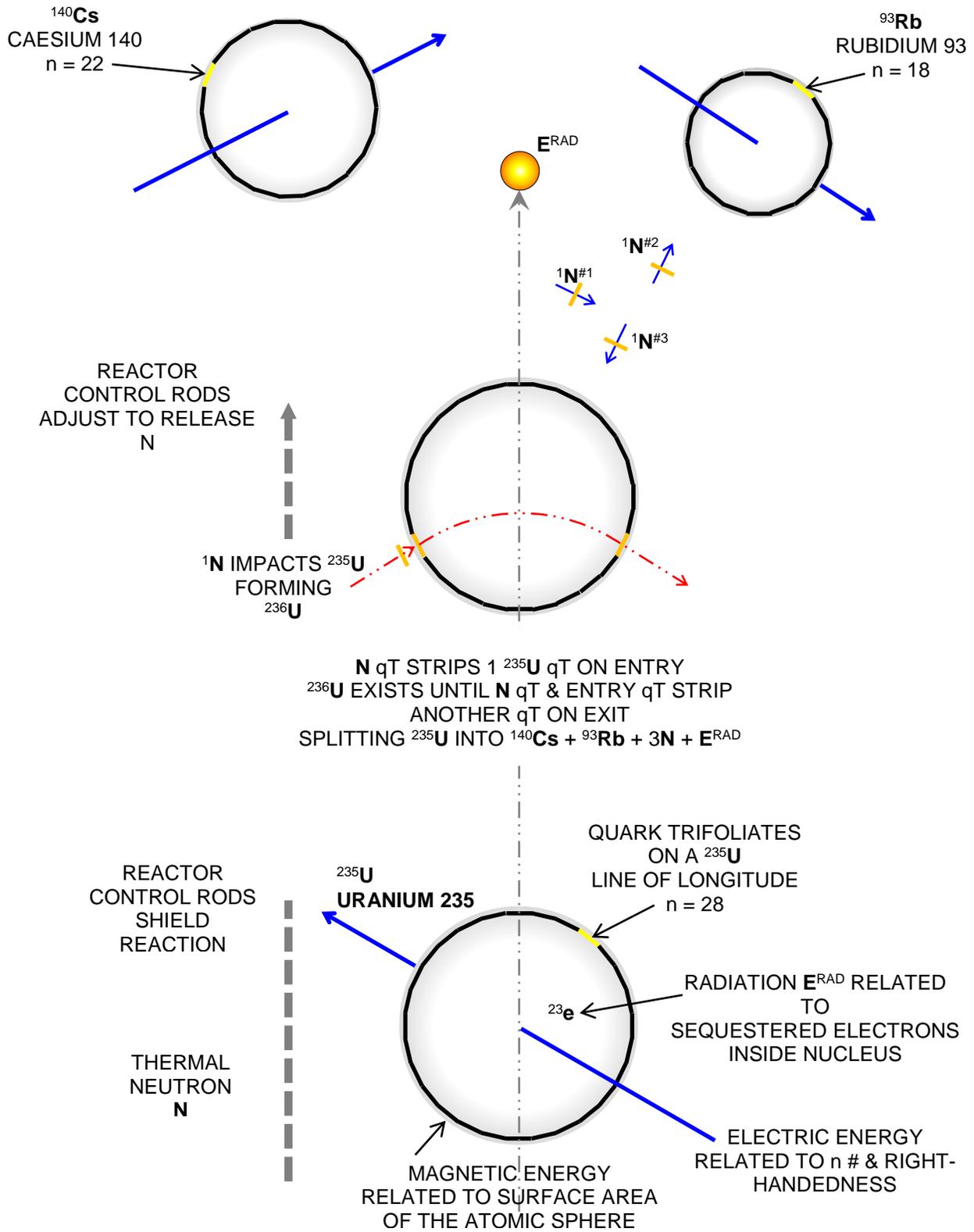
As trifoliate of quarks come together they can appear as Ps or Ns. And as they spherically pack hexagonally, starting with a pyramid of 9 quarks they can realign and change torque speed but keep spinning centrally into qTs – quark trifoliate.

We need to look at the speeding up or slowing down of quarks axially.

We know in H₂ the speed of the quarks may not have remained at full speed. We know the trifoliate torque was stopped. We also know that on Tritium the trifoliate torque appears to have slowed down or just might spin on two axis, but did the quarks slow down? If we look again at Helium (He) it's most likely that they didn't slow down. This is because He has a double stacked pyramid with the added trifoliate from Deuterium filling in the bottom of the dimple in Tritium to fuse into He. The quarks in a qT-e are all at the same contact angles as they would be if free as stated earlier. Thus the quarks are free to spin at their trifoliate velocity.

We will move forward with quarks in a trifoliate not slowing down geometrically as elements increase in size but the magnetic cloud changes and torque slows down .

As elements slow down [torque speed] and the magnetic cloud thin, es can be captured inside the nucleus. What have been called sequestered es and estimated to be 23 for Fe [iron] and 96 for Uranium 235.



THERMAL NEUTRON FIRED AT ^{235}U RESULTING IN FISSION TO $^{140}\text{Cs} + ^{93}\text{Rb} + 3N + E_{\text{RAD}}$

Figure 8.20

FISSION OF URANIUM 235 BY A THERMAL NEUTRON

TABLE 8.2

LEFT SIDE							
²³⁵ U	[272.2 MeV] _{Electric}	+	[540.84 MeV] _{Magnetic}	+	[74.88 Mev] _{Sequestered es}	+	[0.00 MeV] _{N Impact}
Neutron	[9.6MeV] _{Electric}	+	[9.60 MeV] _{Magnetic}	+	[0.00 Mev] _{Sequestered es}	+	[0.00 MeV] _{N Impact}
SUM	[281.8 MeV] _{Electric}	+	[550.44 MeV] _{Magnetic}	+	[74.88 Mev] _{Sequestered es}	+	[0.00 MeV] _{N Impact}
RIGHT SIDE							
Caesium	[210.6 MeV] _{Electric}	+	[334.24 MeV] _{Magnetic}	+	[32.29 Mev] _{Sequestered es}	+	[11.20 MeV] _{N Impact}
Rubidium	[172.3 MeV] _{Electric}	+	[230.12 MeV] _{Magnetic}	+	[16.38 Mev] _{Sequestered es}	+	[15.40 MeV] _{N Impact}
¹ N#1	[1.71 MeV] _{Electric}	+	[9.60 MeV] _{Magnetic}	+	[0.00 Mev] _{Sequestered es}	+	[0.00 MeV] _{N Impact}
¹ N#2	[1.71 MeV] _{Electric}	+	[9.60 MeV] _{Magnetic}	+	[0.00 Mev] _{Sequestered es}	+	[0.00 MeV] _{N Impact}
¹ N#3	[1.71 MeV] _{Electric}	+	[9.60 MeV] _{Magnetic}	+	[0.00 Mev] _{Sequestered es}	+	[0.00 MeV] _{N Impact}
SUM	[338.0 MeV] _{Electric}	+	[693.16 MeV] _{Magnetic}	+	[48.67 Mev] _{Sequestered es}	+	[26.60 MeV] _{N Impact}
SUM THE SUMS OF LEFT SIDE AND RIGHT SIDE							
Net Energy	[106.2 MeV] _{Electric}	+	[42.70 MeV] _{Magnetic}	+	[26.21 Mev] _{Sequestered es}	+	[26.60 MeV] _{N Impact}

SUM of Net Energy Released = 201.71 MeV

And additional es remain nested in flipped over Ps neutrality naturally. Which means that from a charge measurement standpoint they have no impact: or a neutral condition on what is measured in charge. And what are ions of elements, but elements with an extra or lost e.

Though they could impact an increase in mass and thus change the mass assigned to quarks in current theory. This pushes the need for different quark masses in current theory down to make their quark mass approach the one quark mass in this new theory.

This would conform naturally to an N being an upside down P: they can't measure the charge because they can't see the e so they think it is running neutrally. This was outlined in Article 4.

And if we look at measurable potential on NATURE'S MEND one quark in three in this new theory, it matches fractional charge of what they currently see in reality with their two quarks and were shown in Table 8.1 and in Article 6 with UP and DN substitutions.

So, so what if the names and claims of mass for quarks are different? The needed charge is the same.

What's the controlling element: mass or Charge?

It's the Charge [rush at with force: attack] of Charge [to saturate, especially a liquid or gas, with other matter {quarks-electrons}] of EME from the very core of NATURE'S MEND Origin Particle with GEME [Gas of ElectroMagnetic Energy] before Outer Space came to be. It was all contained in NATURE by NATURE three dimensionally in HER Origin Particle.

So with mass and charge nearly the same now, I will bet you calculated energy in MeV will most likely be the same as used above at 3.2 MeV per quark.

Let's continue with NATURE'S element building game of Spherical Surface Hexagonal close packing.

The impact of this is that as we move up the periodic chart in element construction with NATURE'S Matter-Energy-&-Dynamics, the magnetic shield [cloud] around quark trifoliate of a P and an Apparent N can be reduced enough that sequestered es can alternate through the empty core of the Apparent N with es on Ps by all of the quark-Ts flipping over or reversing trifoliately within the element.

This alternating event has a simple outcome. The EME surface charge on the element varies and results in an external magnetism and we have magnetic materials. However, because the es are alternating the electric charge can remain neutral. Ever been shocked by a magnet?

The other interesting thing about spherical elements with spherical surface hexagonal close packing is that the qTs become symmetrically opposite in the two hemispheres and thus the majority of the element's torque from the trifoliate torque goes to zero. We only need to look at the qTs on the equator of the element. Also elements that don't have all the qTs paired would have some additional elemental torque. This may relate to other characteristics of elements. It needs more bulking.

If bulking of this cube does take place all of this becomes another way of modeling the validity of this new theory.

Here is where the strong and weak forces come into play. Once a certain size of an atom is reached, the magnetic shield [cloud] around the element of quarks has decreased enough that the extra magnetic energy becomes stored energy and adds to the induced motion on the sequestered es.

When the weak force holding the e in a qT balances with the momentum of sequestered es, the sequestered es can fly through the hollow core of an apparent N, flipping can occur in stability during fusion of small elements such as with D and T and in larger elements with the stripping of a qT and an e. And we know that neutron decay to protons does occur, both in this theory and what has been taking place in reality.

Once element size is large enough the electromagnetic energy flux cloud effect has been decreased such that the magnetic shield [cloud] around the element's qT-es is thinned to a point that binding of more qT-es is very difficult because of the free qT-e's spinning velocity and magnetic shield thickness. And if it is difficult it takes way more energy.

We know NATURE doesn't like to be difficult and will give up energy for stability, like the landslides discussed in Article 2 and the combining of two Hs into H₂ for physical stability, but e-motional instability in this Article. Fusion switches from exothermic (giving off energy) to endothermic (taking energy in) as it naturally does at iron. There is lots of pressure energy in the fusion forge of MOTHER NATURE to make this happen at iron and above. But at some point she stops because element size is limited in NATURE'S Common Space and with men-gods constructability in reality.

Maybe this also relates to an intersection of fusion and fission? And as NATURE drives energy into an element to force in another q-T SHE drives in electrons and EME, which have been identified as sequestered es and EME.

This just provides another bulking test for the detailed modeling of this new theory's foundation of EME particle spin and quark spin in spherical surface hexagonal close packing on the nucleus.

A continuation of this process of element building results in the sequestered es having more momentum than the magnetic shield [cloud] around the element's quark trifoliate and electrons pop out of the hollow core of the Apparent N and escape resulting in atomic decay, or what is known as beta decay.

Here's why it works in NATURE'S MEND. As you add more and more quark trifoliate on the nucleus' spherical surface the angle between trifoliate approaches a limit of less than 180 degrees. It can never reach the 180 Degrees because at 180 degrees you no longer have the two dimensional surface of a sphere, but a two dimensional flat plane. The outer surface of the element and the surface area for the flux cloud is also at a minimum when compared to the total surface area available from all the qTs. Thus we should see a limit to element size.

Ever heard of element 200 KOOKIMANIA with 200 Protons and 300 Neutrons? No because NATURE has limited element constructability. KOOKIMANIA is, Kevin I Olson made and means: Kevin Olson is O K In his MANIA {abnormally elevated energy levels} in this new theory.

The largest element, which is man-made by the way, is Ununoctium Element #118 with 118 Protons and 175 neutrons.

Just a note: density does not directly apply to element size which is another bulking opportunity.

Let's compare a Helium atom - Element #2 to a Uranium 235 atom - Element #92 which is NATURE made. There are two angles to look at: the latitudinal angle between quarks and the longitudinal angle between quarks. Note that as elements become larger and larger the two angles approach becoming equal to each other.

For Helium the latitudinal angle is 120 degrees and the longitudinal angle is 110.3 degrees. These seem like large angles. Let's look at a roof pitch on a house of 4 to 12. That means for a 4 unit rise you have a 12 unit run or horizontal length. The angle between the intersecting halves of the roof at the peak would be 143 degrees.

Thus a Helium atom has a greater pitch than a common house in North Dakota, USA. This means that Helium has a greater relative structural capacity to resist loading than that of a common North Dakota house. Atomically it means more energy is needed to penetrate this small element.

Now let's look at Uranium 235. The latitudinal and longitudinal angles are 167.3 degrees. Thus the Uranium element has a much lower structural capacity to resist loading than the Helium atom. Atomically it means less energy is needed to penetrate this large element.

See Figure 8.21 He Quark Trifoliate Contact Angles vs. ²³⁵U Quark Trifoliate Contact Angles For Spherical Surface Hexagonal Close Packing.

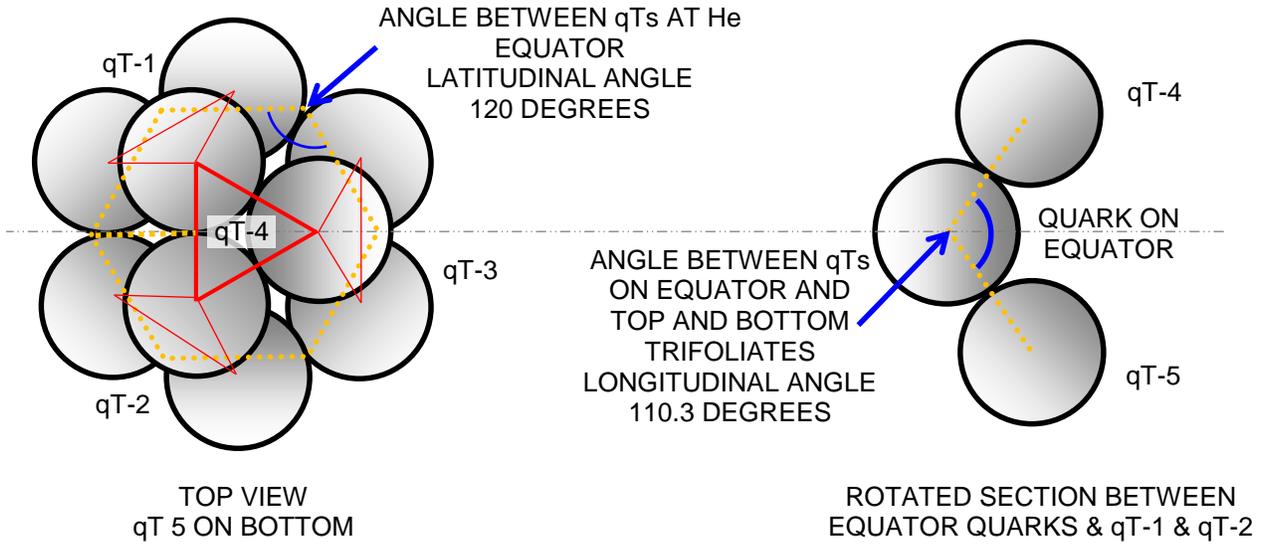
If the external flux cloud energy is small enough [very thin] with larger atoms an Apparent N trifoliate can be stripped by a sequestered e shooting through its hollow core and we have neutron decay to protons with a release of an e. It just comes about naturally in NATURE'S MEND.

And at some point this activity of alternating and stripping reaches a point that 4 q-Ts can be stripped and we have alpha decay. Sequestered momentum energy can then escape before the gap in the elements surface closes up and EME waves are released in quantum discharges and we have gamma radiation. This takes place naturally in larger and larger elements of NATURE'S MEND above Lead, the shield of the OP. And it occurs in Common Space NATURE naturally.

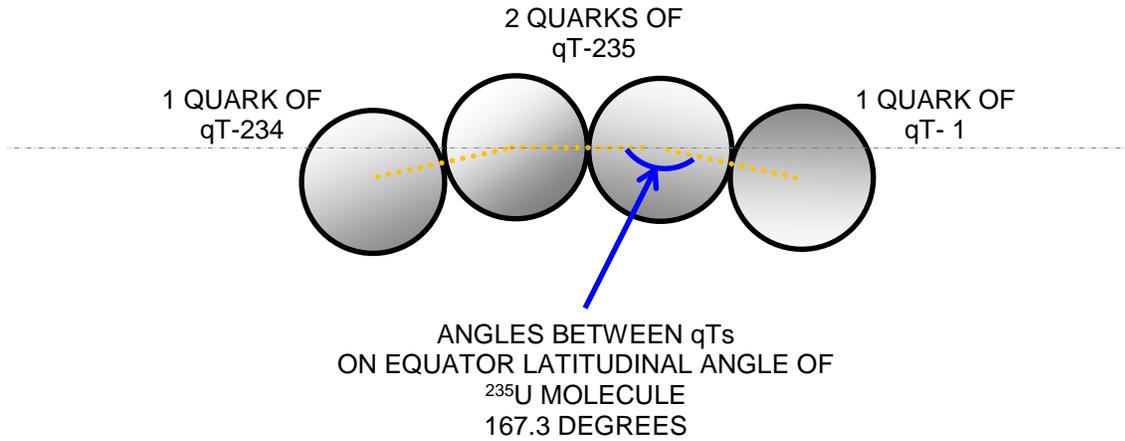
And here is what is really interesting with alpha, beta, and gamma radiation decay in Common Space today.

- Uranium 235 decays to Thorium 231 in 707 million years.
- Thorium 231 decays to Protoactinium 231 in 25.6 hours.
- Protoactinium 231 decays to Actinium 227 in 34 thousand years.
- Actinium 227 decays to Thorium 227 in 21.6 years.
- Thorium 227 decays to Radium 223 in 18.1 days.
- Radium 223 decays to Radon 219 in 11.7 days.
- Radon 219 decays to Polonium 215 in 3.29 seconds.
- Polonium 215 decays to Lead 211 in 0.00183 seconds.
- Lead 211 decays to Bismuth 211 in 36.1 minutes.
- Bismuth 211 decays to Polonium 211 in 2.16 minutes.
- Polonium 211 decays to Thallium 207 in 0.5 seconds.
- Thallium 207 decays to Lead 207 in 4.76 minutes.
- Lead 207 is stable.

NATURE'S MEND builds from the core so SHE builds stable Lead 207 first. And as SHE builds more and more elements inside HER origin particle to Uranium they decay to build HER Origin



HELIUM ATOM - He
12 QUARKS TOTAL



BECAUSE ²³⁵U HAS 235 QUARK TRIFOLIATES [705 QUARKS] THE SURFACE IS MUCH CLOSER TO A SPHERE THAN He AND THE LATITUDINAL ANGLE AND LONGITUDINAL ANGLE BECOME EQUAL

URANIUM 235 ATOM - ²³⁵U
750 QUARKS TOTAL

He QUARK TRIFOLIATE CONTACT ANGLES vs. ²³⁵U QUARK TRIFOLIATE CONTACT ANGLES FOR SPHERICAL SURFACE HEXAGONAL CLOSE PACKING

Figure 8.21

Particle surface of Lead. NATURE naturally supports the building of a gigantic Origin Particle with Lead as its surface.

Maybe it's Un-Natural decay from men-gods play back to NATURE'S way because many of the elements larger than Uranium 235 are manmade, which again means NATURE'S MEND naturally limits element size.

Sounds like a frenzied fray between physics today and NATURES WAYS, MEANS, and METHODS of How & Why.

Who is really here to stay and play for all TIME: Men-gods or NATURE?

Does this limited constructability work in current theory? No!

My proxy [authority to lead] is given to NATURE and here's why.

Current Theory is based on a volumetric dense core packing of protons and neutrons, quark trifoliates, in the nucleus of atoms and thus are very tight volumetrically. This means they can add and add quark trifoliates and the structural capacity between nucleus' of elements actually increases. This is because at larger and larger elements the impact area on the nucleus becomes flat with a thick nucleus. Penetration becomes very difficult. Their electrons then build in layers around the dense nucleus. This also means that they can't sequester es and EME because they are filled up tightly spherically. And thus they don't have a "Really Real World" basis for alpha and gamma decay.

They will argue that their Ps and Ns are not that dense and the three quarks are floating around inside them with some of their now flexible gluons [strong force color changes] elastically holding them together. Thus they will claim there is space to shoot things in and have things come out.

Here's my counter argument to that. If the thing they are shooting at it, a quark trifoliate Neutron, which is the same size and shape of what's packed in there, how can it penetrate any gap, because the available gap is smaller than the penetrator. It attaches and the nucleus grows and their element grows. To what size nobody knows.

This also means that the energy to penetrate their elements goes up so why does it take more energy for fusion of small elements than it does for the fission of large elements in reality?

Yet, in NATURE'S Common Space once we reach element 84 Polonium it and every larger element decays with radioactivity. And we have nuclear fission energy in nuclear reactors that produce electrical energy that we use in Common Space today.

NATURE'S MEND Spherical Surface Hexagonal Close Packing has a limit to the size of element construction and energy levels as discussed above.

Again, in current Common Space element investigation the largest element discovered is Ununoctium 293, which has 118 proton quark trifoliates, which is 58 proton quark trifoliates above Uranium. In the last decade of investigation only 3 or 4 of Ununoctium 293 atoms have been found. Current Common Space investigation supports NATURE'S MEND with element size limitations.

If they are hard to find or can't be found they are rare or don't exist.

See this comparison of theories graphically in Figure 8.22 NATURE'S MEND Spherical Surface Hexagonal Close Packing Versus Current Theory Volumetric Dense Packing. Note the atomic sizes are relatively the same.

Here is another quantum jump in this new theory of element constructability. NATURE'S MEND may not have an actual difference between the current theory linguistics of fusion and fission.

It all comes down to the energy required to cause alteration of an element's structural capacity. Small hollow elements with steep angles have greater structural capacity and thus smaller elements require larger energies to penetrate the element. Because the crashing elements are of similar size they can partially combine and make bigger elements.

Where larger hollow elements have flatter angles and thus require smaller energies to penetrate the element and change it. Thus smaller objects, a single quark trifoliate with an e [An Apparent N] can penetrate the element and shear it into two elements. Look again at Figure 8.22 and back at Figure 8.20.

In current theory how can one neutron drive off two neutrons in the ^{235}U fission with a dense nucleus?

It naturally occurs geometrically in this new theory with a hollow nucleus.

We can control nuclear fission high capacity reactors in Common Space today, with electrical energy output levels as high as 1.6 billion watts. And they can run continuously until fuel rod changes are required. The International Atomic Energy Agency in early 2013 listed 437 nuclear fission power reactors operating in 31 countries and another 68 under construction.

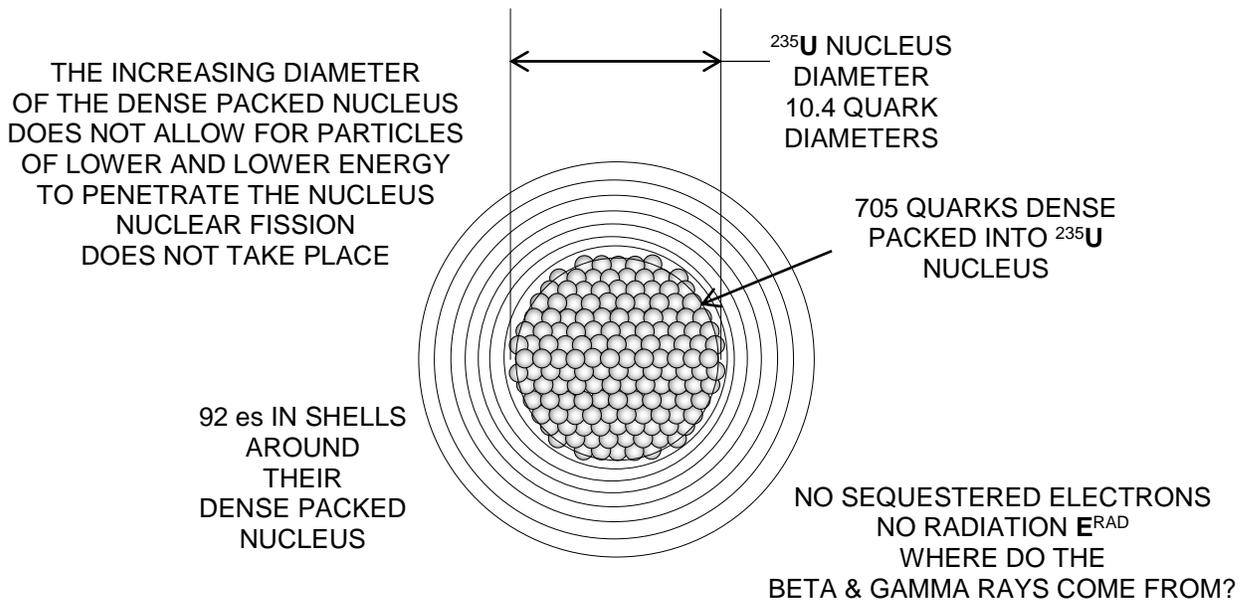
However, current nuclear fusion efforts are still experimental at power output levels of 1/100 of fission and have been sustained at lower levels for as much as one half of a second (0.5 Seconds). Now their working on one that is to have 10 times the output. Will it run for more than one half of a second? How fast can you flick a light switch? They can turn fusion on, but then they have to shut it off. Currently this fusion electrical power can never reach your home.

Will better basic understanding of NATURE'S subatomic and atomic structure allow nuclear power to be better and safer? This is another opportunity for future bulking. But here is a glimpse at the possibilities. With radioactive waste from fission reactors having a hollow nucleus could we design a new reactor with different control rods and other components that could force fission decay of this radioactive waste while producing energy? The faster it is decayed the safer it becomes. Our world becomes a safer and better place with Physicists and Engineers working together on this new theory in Common Space for Common Space.

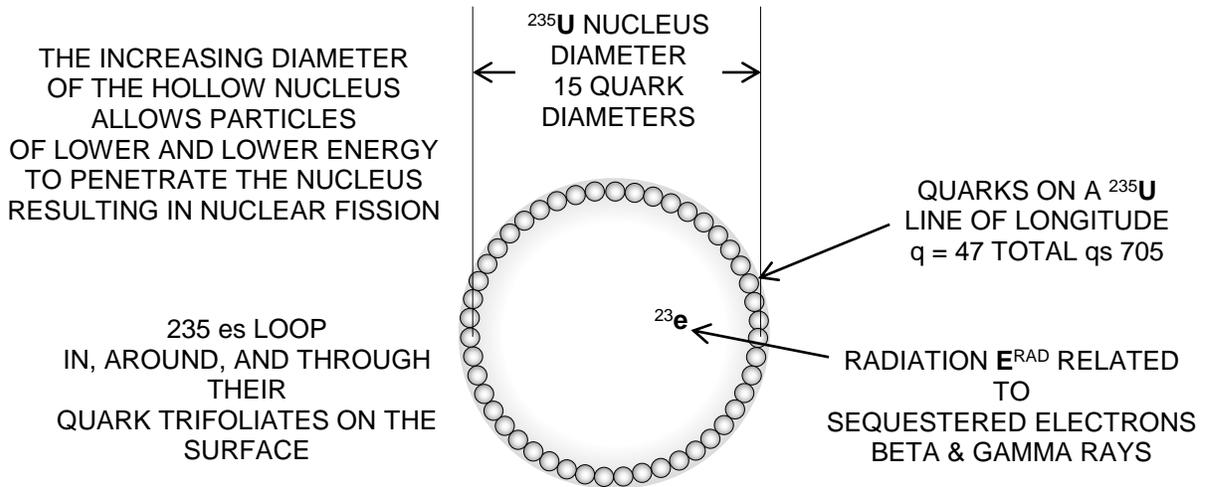
And with that the subatomic has been encapsulated in this new theory beyond the core. And we have the WHOLE of the OP subatomically and atomically, the TOE of NATURE.

And with that we have the GUT and the TOE and we have the WHOLE of the WHOLE, the GET of BULK₁, the Grand Explanation Theory of NATURE'S *PHYSICS*. And the pitcher is in the bottom of the final inning.

The pitchers statistics over several games just need to be examined in detail through what has been called bulking to determine how proficient the pitcher really is.



CURRENT THEORY
VOLUMETRIC DENSE PACKING



NATURE'S MEND
HEXAGONAL SPHERICAL SURFACE CLOSE PACKING

NOTE:
THE TWO ^{235}U PARTICLES ARE SHOWN IN RELATIVE SIZE TO EACH OTHER

**NATURE'S MEND SPHERICAL SURFACE HEXAGONAL CLOSE PACKING
VERSUS
CURRENT THEORY VOLUMETRIC DENSE PACKING**

Figure 8.22

In conclusion we have closed the loop and built an eight cube containment, the GET, for the WHOLE of the COSMOS and we are back to Article 1 and the first expansion of the COSMOS CREATION FUNCTION:

$$CCF = f_{CCF}[(SS_1CME_1)]dx dy dz dt.$$

Which has become:

$$f_{CCF}[(SD_1CME_1)]dx dy dz dt.$$

And that is nothing more than the Origin Particle (OP) blowing up over TIME in three directions (dimensions), x and y almost limitlessly and z restrictedly and its heretical conclusions.

For that is the very definition of heretical: **heresy** – a belief different from the accepted belief. However, “It is the customary fate of new truths to begin as heresies!” as stated by Thomas Henry Huxley a famous Zoologist from the 1800’s. [I need to read his works!]

Now they’re COSMIC TRUTHS of NATURE in CNPE ∇ M-EnD for who has scored more between the two theories?

To consider the origin detonation and expansion was not so bad.

To consider the second and third and fourth expansions and the interacting impositions of each component of this function and the added component of RD (Reconstitution & Detonation) on the previous and subsequent components is a dark hole we may never climb out of.

However, we have found out in this new theory of NATURE that a black hole can be just that, a Dark Hole in space where the net impositions are null and void. Thus anything headed for a Dark Hole is bent around and through the converging and diverging boundary of the null and void impositions that outline the hole.

What you see going in never comes out along an observable pathway unless there is a collision in the hole then we have jets. And things we can’t see but we can listen for come out very strongly because of the velocity pressure imparted on them by passing through the hole and we have strong radio waves coming from the holes in Outer Space that have been heard in Common Space.

And that it is this new theoretical DARK HOLE (a hole without light or gravity) that brings it all back together in the end and starts the cycle all over again when the Outer Space COSMIC Pressure and Temperature drop to Absolute Zero with entropy at an Absolute maximum with NATURE’S BLEVE Vacuum Energy and reversing EME. Most likely it starts to take over before the end is reached and the Cosmic pressure and temperature depletes to zero. It is just a function of the massive expanse of the TRUE CELESTIAL DISCUS and our inability to see the whole. This allows for NATURE’S MEND smooth processing cycle after cycle.

What happens is that at the core of the COSMOS, the momentum boundary layers of galactic objects fail and the collapse is accelerated as the vacuum reaches out into the dispersing BLEVE and starts reversing the EME with more accelerated boundary layers failing which causes additional traction on additional objects further out in Outer Space around the core.

And as it was in the beginning of TIME $T_0^†$ with P_0^{OV} at absolute zero so shall it be in the end of TIME for each cycle of SD_nCME_n . And we’ve looped around again from Article to Article to Article.

It's just NATURE'S MEND [Natural fix & repair] of the COSMOS, conserving and recycling Matter-Energy and Dynamics (MEND) over and over again and again regardless of men-gods' sins of physics, linguistics, and mathematics.

We reversed the CSP into a collapsing model in Article 7 and everything came back to a single point of origin. And we discovered there is no black matter [dark matter], black energy [dark energy], or black magic and everything observed has impositions from the Centrifugal Sling and BLEVE of the ONE OP of Ancient of Days and the multiple levels of motion and detonations thereafter and the momentum of the accelerating boundary layers of their masses in motion.

And maybe these boundary layers are more related to EME than we realize. The Equivalence Principle of AI-E overlaid by KO links the WHOLE, COSMICALLY SUB-ATOMICALLY in EME GAS repulsion and attraction of Quantum and Cosmic boundary layers.

And in this Article, Article 8, the last Article, we formulated a subatomic trigger with unification of forces, all five without gravity, two existing and two new, with Quantum EME GAS and that natural process of Liquefaction.

We then expanded this unification of EME from Article 4 into element construction and explanation of Natural occurrences.

And we even made some new theory calculations that match current experimentations.

There is nothing left to contain.

We now can get it all in this Grand Explanation Theory, the GET.

And all we need to do is bulk it up over TIME to make it NATURE'S TRUE 3D RHYME.

Or send the "CRAZY" man's thoughts to the insanely sublime.

In closing let us again return to our Beyond Outer Space Space observation point.

I think we can summarize by saying that everything in the COSMOS is strung together along complicated pathways of TIME and three spatial vectors, influenced by multiple impositions of QUANTUM EME and spin vectors of two particles (q & e) sub-atomically naturally.

It is this NATURAL simplicity of three in D, E, & reality over TIME that builds complexity and makes it so very elegant and beautiful: a great multidimensional masterpiece imposing multidimensionally!

For have not the most deep and fundamental BARE ESSENTIALS of the HOW & WHY characteristics of NATURE'S WAYS, MEANS, and METHODS to live and die been unveiled?

SHE has PERFECT PRECISION of recycling the COSMOS through $SD_{n+1}CME_{n+1}$ cycles of blowing up and tearing down and starting all over again. Kind of like Geeks growing his head back in "Men In Black"³⁹.

However, in this case it's not men's ways or alien ways, its NATURE'S WAY.

And Solomon was right to say Ecclesiastically of 3 in 1 to 8 in his day and then ask that deep question, "What gain has the worker from his toil?" and "Sometimes there is a phenomenon of which

they say, 'Look, this one is new!'—it occurred long since, in ages that went before us. The earlier ones are not remembered; so too those that will occur later will no more be remembered than those that will occur at the very end."

Could he have been talking about the knowledge of NATURE'S MEND and the CYCLES of SD_nCME_n?

Now the question is who is the MASTER, is it GOD, and can HE (generic) be uncovered and served in Bulk₂ & Bulk₃ without all this religious duplicity?

Or maybe if HE is served one on ONE in SPIRIT in Bulk₃ we can live in peace in Bulk₂.

For didn't GOD proclaim, "But the hour is coming, and now is, when the true worshipers will worship ME in spirit and truth, for such I seek to worship ME. I AM SPIRIT, and those who worship ME must worship in spirit and truth. And in the end I will be ONE and MY NAME ONE!"?

Why can't we all be one in HIM now, instead of four to infinity without HIM religiously?

Malachi, a man of GOD, posed this same question 2500 years ago:

"Have we not all ONE FATHER? Has not ONE GOD created us? Why then are we faithless to one another, profaning the covenant of our fathers?"

How many more times will it need to be asked?

Why hasn't anybody been listening?

If we can't come together physically there's no HOPE for coming together in humanity.

How much TIME do we have left COSMICALLY?

Will we, with that, in TIME come together in Chief Crazy Horse's vision:

*"I see a time of Seven Generations when all the colors of mankind will gather under the Sacred Tree of Life and the whole Earth will become ONE circle again."*⁷¹

And did Bob Marley (the Hon. Robert Nesta Marley O.M.) and the Wailers not eloquently vocalize this same vision in:

"ONE LOVE/PEOPLE GET READY"⁴⁰?

We can hope!

Maybe we should start with NATURE and HER PHYSICS coming together in this new theory?

Thus, if we submit to NATURE'S HANDS maybe we can feel the HAND OF GOD. And if we can feel the HAND OF GOD, just maybe we can UNDERSTAND the WISDOM OF GOD – the MIND OF GOD!

Thank you for your precious time and consideration of this Eighth Article of the MEND of the COSMOS NATURALLY PROCESS ENGINEERED.

And with that Two Subjects are Cubed and Two Subjects are outlined Four Times each, becoming Eight Articles in all and NATURE can help us MEND [fix and repair – gain great basic understanding of] the UNIVERSE.

“It is no coincidence that I’ve come. And I can die when I’m done. But maybe I’m Crazy. Maybe you’re Crazy. Maybe we’re Crazy. Probably”.^C

“The history of science teaches that each time we think that we have it all figured out, *NATURE* has a radical surprise in store for us that requires significant and sometimes drastic changes in how we think the world works.”^B A statement by Mr. String, Brian Greene. Was he arguing for his string or wondering how NATURE really sings in the “Really Real World”?

Has that radical surprise come in NATURE’S MEND?

In this theory there was no BULK₁ probability, for it was CONCEIVED in NATURE by NATURE and everything came to LIFE from NATURE.

And just maybe it is the MIND of GOD in GOD’S NATURE.

And we can now know How & Why the world works and How & Why we live and die, instead of just cry.

Respectfully & Very Truly Yours,

kevin I olson, the CRAZY blacksmithing engineer

PS: And as promised a PS of GOD.

One last lapse into current theory, but at the opposite end of the spectrum of subatomic: the COSMIC WHOLE.

The men-gods of science like to argue that life on other planets exists.

Let’s apply their probability proliferation of quantum mechanics to this question.

We know what a probability curve looks like from Figure 8.12. It is also called a bell curve.

In Common Space Outer Space we have everything contained in something other than earth or more generic, non-life sustaining objects such as stars, quasars, planets and all the dark stuff they’ve added lately. NATURE’S MEND has defined all their stuff.

Can we work this into a projection of our probability of existence in the COSMOS?

We have five levels of Outer Space extents to consider: the Cosmic; the Visible; the Galactic; the Solar; and then Earth’s singularity.

The cosmic extent would be visibility of Matter and Energy versus dark invisible stuff. Currently they think this is roughly 5 percent (0.05) visible and 95 percent (0.95) dark.

If we then consider our solar system there are 447 earth masses in planets to our sun at an earth mass of 333,000 for a total solar system mass of 333,447 earth masses. This works out to be a planet mass to star mass ratio of 0.00134.

Without doing a detailed analysis of each level of Outer Space the ratio of 0.00134 will be applied to the Visible, Galactic, and Solar levels. Considering that they haven't found any ETIs [Extra Terrestrial Intelligence] nearby this number should probably be way smaller. We will use it for now. But it can be bulked up in the future.

Then, lastly we need earth's ratio, which is earth mass divided by solar system mass or 1/333,447 for a factor of 0.000003.

To determine earth's viability we multiply the Cosmic ratio (.05) times the Visible Planet to Star ratio (0.00134) times the Galactic Planet Star ratio (0.00134) times the Solar Planet to Star ratio (0.00134) times the Earth to Solar Mass ratio (0.000003). This results in a viability of earth of 3.61×10^{-16} .

This can be written as $3.61/10^{16}$ or $1/(2.77 \times 10^{15})$.

This means that earths viability in the COSMOS is 1 chance in 2.77 quadrillion (1 in 2,770,000,000,000,000). For simplicity 1 chance in 3 quadrillion.

This means non-life sustaining energy and matter fills up the main part of the bell to 99.999999999999997%. I think, "*you get*" the point: there's not much left for anything else. And I agree with that point in current theory. And if our 0.00134 factor is off by a factor of ten then the our chance goes down by a multiplier of a 1000. Why, because we used 0.00134 three times, so $10 \times 10 \times 10$ equals 1000.

This puts earth out on the far-left side of the bell curve. And in a probability interpretation of current theory it means that this occurrence or possibility is rare and unique and not likely to occur on a repeated basis.

That means we are alone in the COSMOS!

Oops, so much for "ET phone home", "SETI"⁷⁴, "Star Trek"³². & "Star Wars"⁷²!

However, divine beings both GOOD and bad can come to visit from the BOSS² [Beyond Outer Space Space - BOSS] & [From the BOSS -GOD].

If you want a probability example right here on earth, add up all the living things from the ameba (single cell life) to and through plants and animals right up to and through man (generic).

How many billions of species are there?

Why are we rare and unique in life?

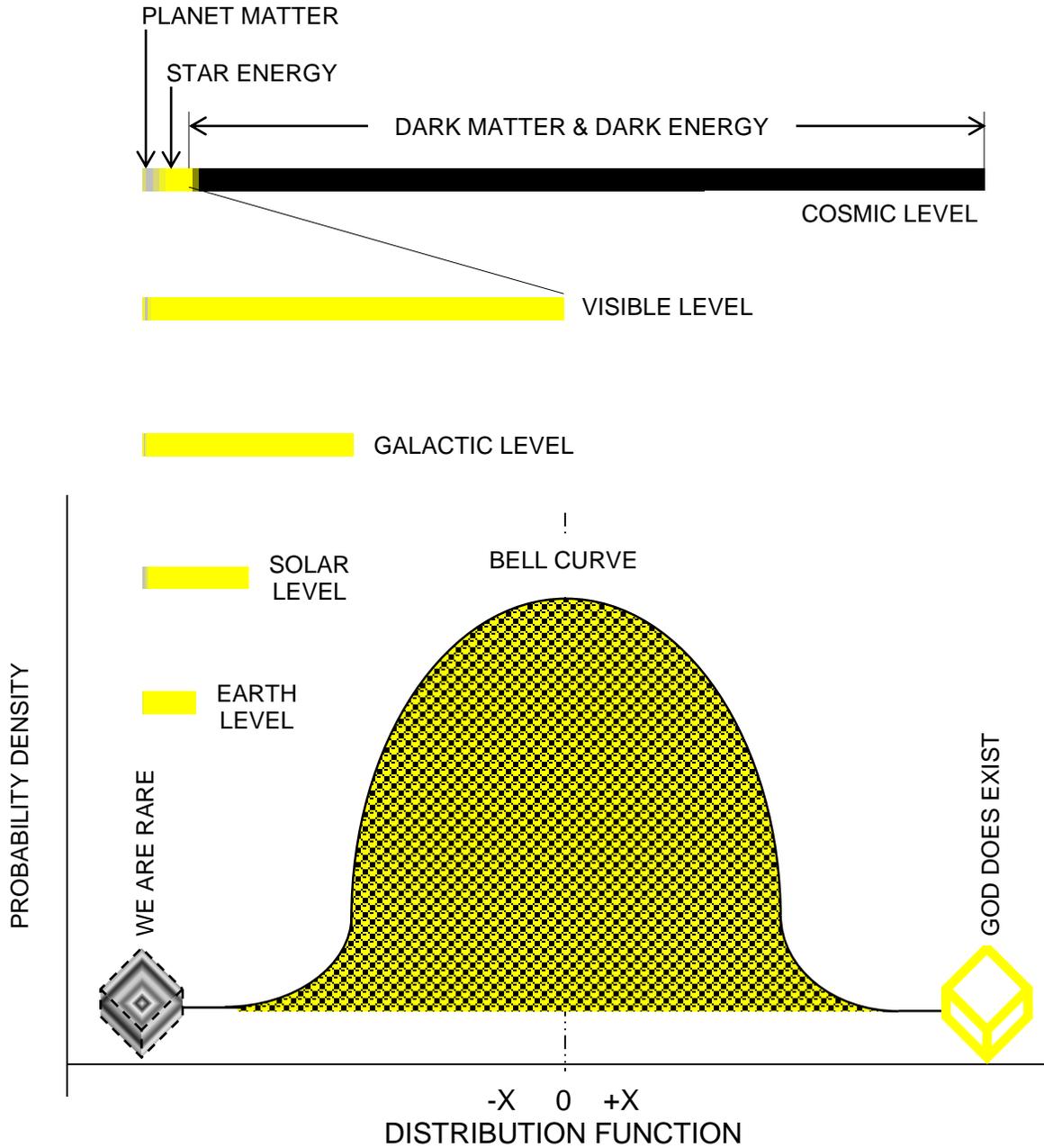
Why is there only one human race?

For we are one race, with many different colors! Kind of like the colors of plain m&ms. We are all chocolate DNA on the inside but different on the outside.

Thus the COSMIC corollary to earth's uniqueness, is that on the opposite end of the probability, the far extents of the right side of the bell curve, is the possibility that a RARE & UNIQUE TRANSCENDENTAL POWER exists: GOD exists.

See Figure 8.23 Energy & Matter Distribution in the Cosmos and the Rarity of man & GOD.

PICTORIAL BAR GRAPH OF EARTH ALONE IN THE COSMOS



**ENERGY & MATTER DISTRIBUTION IN THE COSMOS
AND THE RARITY OF man & GOD**

Figure 8.23

Each and every one of us is rare and unique, but the same race: each and every one a CHILD of GOD.

And if you collapse the bell curve of Figure 8.23 man becomes made in the image of GOD. Makes for very interesting reflection on Genesis 1.27 and Proverbs 8.22–30, et al!

Out of this heretical thought experiment, have come not just quantum jumping, but QUANTUM NATURE and BULK JUMPING.

It really is starting to take on an ULTIMATE GRAND EXPLANATION THEORY [UGET] framework.

Every one today seems to be stabbing at AI-E for being wrong!

I too wanted to knock him down to lift me up!

But in spirit, he has lifted me up instead of putting me down.

Maybe he was more right than any of us are today; relatively speaking.

He didn't get the GUT, but his gut had the GET when he argued,

“Although quantum reasoning certainly does appear to limit one's knowledge of the position and velocity, the electron still has a definite position and velocity exactly as we have always thought.”

That turns out to be a TRUTH of NATURE in CNPE \sphericalangle M-EnD inside the Quantum ballpark.

And in this GET we have the GUT and the TOE and the electron has a definite position and velocity don't you know.

And Mr. Einstein had the WHOLE in his mind when he made that GRAND UNIVERSAL TESTAMENT,

“GOD does not play dice with the Universe.”

This maybe, more profound than even his genius considered with this GET. For in this theory the WHOLE is CONSERVED & RECYCLED in NATURE in each turn of $SD_{n+1}CME_{n+1}$ and it is repeated PERFECTLY again and again.

And in that, GOD can recycle lost souls over and over until each individual one gets HIM one on ONE without SIN. There is no UNFORGIVABLE SIN with GOD!

And in that end we have the ULTIMATE GRAND EXPLANATION THEORY, UGET: you get it in the end with all three BULKS spanning from ONE EME to ONE GOD through HIS NATURE.

You can now see HE can let HIS CREATION of NATURE and the UNIVERSE and man (generic – Genesis 1.27), NATURALLY play around and around in the universe. In this case the WHOLE is doing loop to loops. So if the WHOLE is doing loop the loops the earth is also doing loop the loops on the grand scale and Mr. Neil DeGrasse-Tyson is not completely wrong. Sorry it took me a while to come around to your story.

And GOD told us in Genesis 1.14 to look to the stars for they serve as signs.

The oldest profession of all turns out to be Astronomy not prostitution!

Men-gods (not generic) turn out to be wrong again!

As mentioned once before about BULK₃ there is no greater power than that which exists TRANSCENDENTALLY [Beyond the limits of ordinary human experience; obscure; incomprehensible; fantastic].

And Mr. Einstein said:

“The most incomprehensible thing about the Universe is that it is comprehensible.”

Do you now comprehend the UNIVERSE of BULK₁—BULK₂?

And NATURE’S MEND reaches into BULK₃ — for the LOVE and MERCY of GOD surpasses all human understanding, and in this end HIS old blacksmith will come back to be a friend and NATURE can cycle without end for Eternity, for in Heaven – in LIFE we can all be free in HIS PEACE of ULTIMATE GRACE & MERCY NATURALLY.

I even struggle with this concept in my wrestling with GOD.

It is a weakness of the human condition of wanting the guilty to be punished and the innocent to be free.

And then I am humbly and contritely reminded that all men and men-gods (generic) and gods of GOD have sinned and fallen short of the GLORY of GOD.

And that goes into another whole 8-cubist-three-D...ist containment, which turns out to be a 10-cubist-three-d...ist matter. But three are one in witnessing so 8 is correct. And that is discussed in a journal, “of GOD ?” And that is available to anyone who wants to see GOD NATURALLY without impositions of men and their gods religiously.

All you need to do is walk with HIM one on ONE in the WIND, HIS SPIRIT.

And with that we all can be free in “ONE LOVE” –“GOD’S LOVE for each of us!” and live under ONE TREE the TREE of LIFE, GOD.

SO – SO LocO CitatO LOMON & CRATES!

It’s not from me only, but also those who came before me, GOD, Adam, Eve, Enoch, Abram, Ishmael, Isaac, Jacob, Joseph, David, Solomon, Socrates, Aristotle, Muhammad, Newton, Crazy Horse, Abbott, Boltzmann, Curie, Planck, Einstein, Heisenberg, Feynman, Marley, Randall, Tyson, Greene, et al [and others]. I cannot name them all for I don’t know them all. So many have contributed to our SPACES it would take too many spaces let alone letters and pages to list them all and their work. What about all the partners that joined to become one as parents to bring us about? To them also I give out a shout !!!!!!!

Thank you!

And may the ONE GOD BLESS us all, each and every one!

TLBYAKY – TLMHFTSUYABGTY – TLLUHCUYAGYP Numbers 6.24 – 26 + 27.

I'm not LOCO!

I'm a KOOK (Kevin Olson is O-Kay)!

It's TIME to let GOD PASSOVER our world with LOVE so we can live in PEACE from ABOVE, for HE sends down HIS LOVE on a PURE SNOW WHITE DOVE!!!!!!

It's just about TIME: TIME and its arrow will be addressed in the nearby Epilogue.

And as promised a treat to eat:

K-J-in Kitchen Fudge Receipt:

12 oz. Package Nestlé Semi-Sweet Chocolate Chips
12 oz. Package Nestlé Milk Chocolate Chips
1 Pint of Jet-Puffed Marshmallow Cream
2 Cups of walnuts
1 tall can Evaporated Milk
4.5 Cups Sugar
Pinch of Salt
2 Tablespoons of Butter (salted)

Put chocolate chips, marshmallow cream, and nuts in a large stainless steel bowl. Set oven so that it just comes on at its lowest temp (110 °F) (43.3 °C). It warms these ingredients and allows the syrup to smoothly blend in. I learned this as I keep it around 65 °F (18.3 °C) in the house. The syrup is Sugar, salt, butter, and evaporated milk. Put in a heavy bottom pot and boil for 6 minutes. The trick here is not to boil to hard or to slow. I use a medium heat. It takes a while for it to reach boiling. Pour boiling syrup over chocolate chips etc. Mix with a high temperature spatula until chocolate is all melted and fudge is creamy smooth except for the nuts. Pour into a pan and set on a rack to cool for a few hours. Store in a tin box to keep moist. Play with it: I added cayenne pepper one year and made hot fudge.

THE EPILOGUE OF NATURE'S MEND THE SUMMATION OF ARTICLES 1 - 8

(14-Feb-11)

*"Imagination is more important than knowledge."
Praised₁ Albert Einstein! And he Declared!
"GOD does not Play dice with the universe."*

Do I have a "CRAZY" imagination or what?
Did I use probability [play dice] in this New Theory?
Only once with us being alone in the universe and that a GOD exists!

EPILOGUE – "A concluding part added to a DRAMATIC work."

DRAMATIC – "Striking; Impressive: *a dramatic combination of colors.*"

Remember this all began as a colorful dream in the first month of Abib 2007:

"The physics of the Universe is not what we think it to be."

For this brief² [short summation] let's think of colors as "explanations of unknowns" – "increased basic understanding". Like the Brief² Of Physics that lead into NATURE'S MEND this Brief² Of Physics will lead out of NATURE'S MEND into a whole New View of Physics in all SPACES.

NATURE'S MEND has been surprisingly impressive in HER dramatic colors of the physics of the UNIVERSE from Inner Space [Quantum] to Outer Space [COSMIC] and even in Common Space and reaching into the Beyond Outer Space Space [HEAVEN].

After completing my second study of the book "Warped Passages – Unraveling The Mysteries Of The Universes Hidden Dimensions" – By Dr. Lisa Randall, I came to understand one omnipotent-truth (having very great influence)! There are three *Bulks (master categories)* - Bulks [Largest Part – Main Mass], which permeate the Universe: Substance ¿ Life ¿ LIFE. I used the upside down question mark "¿" to link them because no one is sure how we transition from one to the next. There are many theories!

No one is sure what the last one "LIFE" after death in Life really is or if it even exists. Though, in this new theory NATURE has touched all three of these BULKs in the beginning and along the way through all the Articles. And it will again in this summation, this brief part - TailTALE.

Throughout this work I've talked about a LIVING GOD and HIS NATURE that came to be in all probability at the end of the last Article.

Just to note: Current Theory gods don't like to talk about the darkness in the deep before their beginning in the substance of BULK₁ or what might have been moving over that deep dark Space. To do so requires them to talk about GOD! They don't want to talk about a TRANSLUCENT LIVING thing outside of their particle physics. Maybe that's why their missing fluid and gas physics inside Planck Scale.

Though now they're searching into their own translucent things of strings, extra dimensions, branes, and bulks trying to bring light to their DARKNESS in Inner Space & Outer Space. For them, their translucent things are spatial not SPIRITUAL. They seem to leave Common Space alone most of the time. They talk about the BOSS² now and then in their progression, but not in the beginning or the end.

Science and physics [Laws of Science – Pure Science] govern the first bulk – Bulk₁ of gas, fluid, spinning motion, electromagnetism, heating, cooling, pressure, force, and matter – and of course ENTROPY: NATURE'S MEND. Man (generic) should be able to figure this entire bulk out. We've been working on it for some 42,800 years. Depending on how you interpret the Old Book^{E+} maybe 6,000 years or maybe 120 billion years, or maybe even more.

Existence, instinct, emotions, intuition, and imagination govern the second bulk – Bulk₂ of plants, organisms, animals, and humans – Life on earth. A distinction from the plants, organisms, and animal kingdoms to us: Do you really think that an ant or any other organism or animal has the intuition and imagination to desire to become human someday and travel into Space? We're unique far beyond the reaches of evolution! The likelihood is that man as an evolved species is false. Man will most likely never figure everything out about this bulk and keep us from death.

NATURE changes things as we figure them out: diseases mutate [change] to fight against man's understanding and drug therapy.

SHE even seems to pop new ones up when they think they're on top of things.

One of the latest ones is so bad they have given it two names – HIV/AIDS [Human Immunodeficiency Virus infection – Acquired Immunodeficiency Syndrome]! They haven't completely defeated it in 30 years so they don't talk about it in public much anymore.

From a quick look on the Internet there is way more to it than I thought. It has 6 different viruses associated with it – HIV-1 M, N, O; HIV-2; and SIV(cpz & smm). All are believed to have originated in non-human primates. SIV is believed to have mutated to HIV-1. HIV-1 has thought to have jumped the species barrier [monkey to man] on at least three occasions, giving rise to the three groups M, N, O. They found that HIV-1 M group dates back to 1910. It's worth a read on the web just to consider what can be done with the Life Science of BULK₂ and looking into and the tracking down of these NATURE made killers. But it is also a stark [striking] reminder of our weakness relative to NATURE.

How many FLU viruses are now moving around our spherical world plain via the bird and jet plane?

How many plagues are out there waiting to take their first bite out of mankind?

How many more of the billions of species out there are loaded by NATURE just waiting for HER to pull her sniper trigger on us?

Not much we can do about death!

Flash Question in the News February 2014. "Is Polio back in some kids in California, USA?"

And we continue on our way fighting for life day to day every day!

SPIRIT and TRANSLUCENT (see through not visible) POWER governs the third bulk – Bulk₃ of MOTHER NATURE and GOD. This bulk belongs to the individuals mind, heart, and soul of which the person & NATURE & GOD only KNOW!

Is there LIFE after death?

All three BULKs seem to reside (live) (exist) within NATURE'S MEND and will be summed up in this epilogue. The emphasis of my work has been focused on Bulk₁. But the other Bulks trickle in!

I talked in one of the Articles about keeping a score card between current theory DARKNESS [Lack of Basic Understanding] and NATURE'S MEND. As I have adventured through this heretical work it has become apparent to me that I need three score cards: One for Outer Space, and Two for Inner Space.

Inner Space has two distinct arenas that are smoothly linked and inseparable: like the infield and outfield of a baseball diamond. The two arenas of Inner Space meet at the Proton & e in Protium, the hydrogen atom: H₁.

The outfield consists of the elemental chart of chemistry that has been discussed at various points in this work. The stuff we use day to day to try to help us on our way to keep death at bay!

If you read [reed] or have read [red] this work and the works of others around element construction and properties, current theory does a lot of guessing as to what the properties of these elements are. Yet, many unknowns remain. Most of their understanding and work is based on experiment without theory – Trial & Error – Error & Trial over and over looking for that 4 leaf clover.

They understand a substantial amount from experiment, but they do not have a basic understanding of the geometry to determine the specific properties from their quantum [infield] physics theory.

NATURE'S MEND through its exercising across the void between Quantum and Cosmic Spaces has reached into this Common Space with basic understanding that defines and refines the knowledge of current theory gods and sages to a potentially life changing reality. If this theory proves out, Radioactive Accelerated Waste Decay could come into the "Really Real World" to play and make us all safer day to day every day.

Because this journey into NATURE'S MEND began in Outer Space the first score card to be developed and evaluated will be for Outer Space and will be called the "COSMIC DARKNESS SCORE CARD". It's a score card between the DARKNESS [unknowns] of current theory and the light [insight] of NATURE'S MEND, which is opposite as opposite can be from current theory.

This is the spearhead of my dream.

The first Article of this work was to look at the physics of the UNIVERSE in a completely different way than current physics with everything everywhere coming from everything in One Thing, a Single Super Gigantic Planet in the beginning. Articles 3, 5, 7, & 8 added to the understanding of our Outer Space.

The second score card to be developed and evaluated will be for the Infield of Inner Space and will be called the "QUANTUM DARKNESS SCORE CARD". This can also be considered the subatomic score card. This is where current theory starts by taking the hydrogen atom apart to define

its particle physics and then smashes the hell out things [particles] in atom smashers in search of the true make-up of MOTHER NATURE'S curveball from the pitcher's mound. Is light a particle or a wave?

For NATURE'S MEND we let NATURE through everything, from the spin at the core [the pitcher's mound] out, explain the reality of HER Processing. Inner Space was addressed in Articles 2, 4, 6, & 8. In current theory they don't think SHE really spins in HER SOUL [Inner Space].

The third score card to be developed and evaluated will be for the Outfield of Inner Space and will be called the "ELEMENTAL DARKNESS SCORE CARD": ELEMENTAL here relating to elements of the periodic table that we use in Common Space, so it relates to atomic structure.

For in this work we have looked at nuclei of element atoms on a Hexagonal Spherical Surface Close Packing of quarks and electrons [a honeycomb like structure] with a hollow core versus current theory dense packing of Protons and Neutrons in the core and electrons in a cloud of levels. Quark packing inside the nucleus is in darkness in current theory.

It was shocking what was uncovered and calculated with this new look into Common Space.

The complete and full understanding of NATURE'S MEND as outlined in Article 1 needs a tremendous amount of work to confirm its reality in the COSMOS. And so do the other 7 Articles on the way to this brief², which is really the beginning of a Heretical Adventure into the unknown - a NEW way of looking at our:

Inner Space – IS
 Common Space – CS
 Outer Space – OS
 Beyond Outer Space Space – BOSS

BLACKSMITHING – PHYSICS – CHEMISTRY – MEDICINE – ENGINEERING - LIFE

What of this logical and simple heresy of NATURE'S MEND and HER SUPER GALACTIC ORIGIN PARTICLE planet and SPIN with SPINNING versus current theory and its tiny origin fist of god particles, god mechanism, god spirit ghost and spin-momentum in darkness without spinning in reality?

Let's look at it through GOD'S EYES from outside the boundaries of the COSMOS: the BOSS. Remembering in Common Space we are looking out and can see some 14 billion light years around us constituting the 28 billion light years of current space we see today. Is that all there is?

When they can't understand, and when they can't see they attach darkness to it such as dark matter and dark energy. And when they look deep inside of things and can't see anything they call it a black hole, a probability, which is their spirit ghost gravity-god force repulsive attractive beginning.

Yet in all their talk they remain confused about many things in NATURE'S BULK₁! So the door was open for a heresy – "A belief different from the accepted belief!" This is another way of translating my dream.

We will try to apply NATURE'S MEND to highlight a few items already discussed and then explain a few more colorful things in this Tale_{TAIL} before we look at the score cards.

TailTALE – TaleTAIL – a duality of linguistics in telling the same story in two ways!

First and foremost let's look at conservation! In NATURE'S MEND nothing is created and creation is not required for HER means and methods in the beginning! Nor is anything destroyed! Everything comes from everything in NATURE. Thus Absolute Conservation exists in NATURE'S MEND. As one should expect!

SHE can take care of HERSELF way better than we can ever hope too.

SHE recycles HERSELF over and over and over along TIMES ABSOLUTE ARROW and becomes the ABSOLUTE CONSERVATIONIST [the PERSON who wants to preserve the natural resources] with GOD as the ABSOLUTE CONSERVATOR [GUARDIAN over all resources, life, and LIFE]. "The GOOD MAN behind the GOOD WOMAN"! This was contemplated in the beginning of this work. And in SPIRIT THEY have become ONE and the SAME.

Engineers, Chemists, and Physicists should return to being the Conservationists—Conservators of NATURE as members of the "Order of the Engineer"⁴⁹ and abide by the "Obligation" that goes with being a member!

"As an Engineer, I pledge to practice integrity and fair dealing, tolerance and respect; and to uphold devotion to the standards and the dignity of my profession, conscious always that my skill carries with it the obligation to serve humanity by making the best use of Earth's precious wealth.

As an Engineer, in humility and with the need for Divine Guidance, I shall participate in none but honest enterprises. When needed, my skill and knowledge shall be given without reservation for the public good. In the performance of duty and in fidelity to my profession, I shall give the utmost."

Have we become just paid pawns in the great greed grinder of society of big business for big business by big business? Supported by the government of the government for the government? And what do lobbyists do but pay the government for big business. You may think there are two parties in the US, but they both have the same goal – "Rule over us". "us" – all of us around the world!

Once upon a time in the land of US it was of the people by the people for the people.

What happened?

Is the paid pawn axiom not exemplified in the current concept that "Dilution is the Solution to Pollution!" and demonstrated with the eductor tubes on the end of vehicle exhaust pipes. These eductor tubes allow the exhaust flow to draw in atmospheric air and mix it with the exhaust air before exiting the exhaust pipe to produce the appearance that engine is performing better than it is? I would call this puppet-chaos engineering!

Sorry, I'm jumping BULKS again.

But, is this not also the same thing that current theory physicists are trying to do with strings, branes, bulks, and multidimensionality with the attempted dilution of gravity as the solution to its pollution in quantum theory? I would call this puppet-chaos physics!

Puppet-chaos also known as entropy can be considered as confusion, things stringing out in every direction without order much like current physics and climate engineering today.

For BULK₁ current theory “chaos” – “entropy: is a measure of the disorder of a physical system: the number of rearrangements of a system’s fundamental constituents that leave its gross, overall appearance unchanged.”^B This is like shuffling a deck of cards over and over, you change the order but all the cards remain in disorder.

Entropy – Chaos applies really well in BULK₂ in US in Washington DC [WDC] and all the _____, _____, and _____ that work there and overburden us with lengthy commands that none of them bother to read before they pass them on to us – “Thou Shalt Have Obama Care! – Even if you don’t care!” “A religious exemption you dare and we exempt your Social Security fare [we will take your money away from you].” Its coercion and extortion to get you to do what they want. Oh by the way your religious exemption has to comply with their demands. There really is no freedom from the Federal Government in US! They’re listening to all of us!

Is it any different around the world?

We have become a one world order of political disorder - chaos!

I would say chaos – entropy by definition applies well to our spread out Outer Space with stuff blowing up here and there and objects flying around, most of which we can’t see, with its overall appearance unchanged. Included here is Figure E.1 Figure 5.2 NATURE’S MEND COSMIC CREATION PROCESS.

However, Mr. Brian Greene, a god of current string theory, spent chapters in one of his books trying to disassociate and re-associate entropy with distance for their theory. He’s arguing that a spread out gas, large distance beginnings of their universe, can have less entropy than a clumped up mass. They do this because in their theory it all starts with a stink hole. Nobody wants to go near the stink hole of their very beginning in their theory.

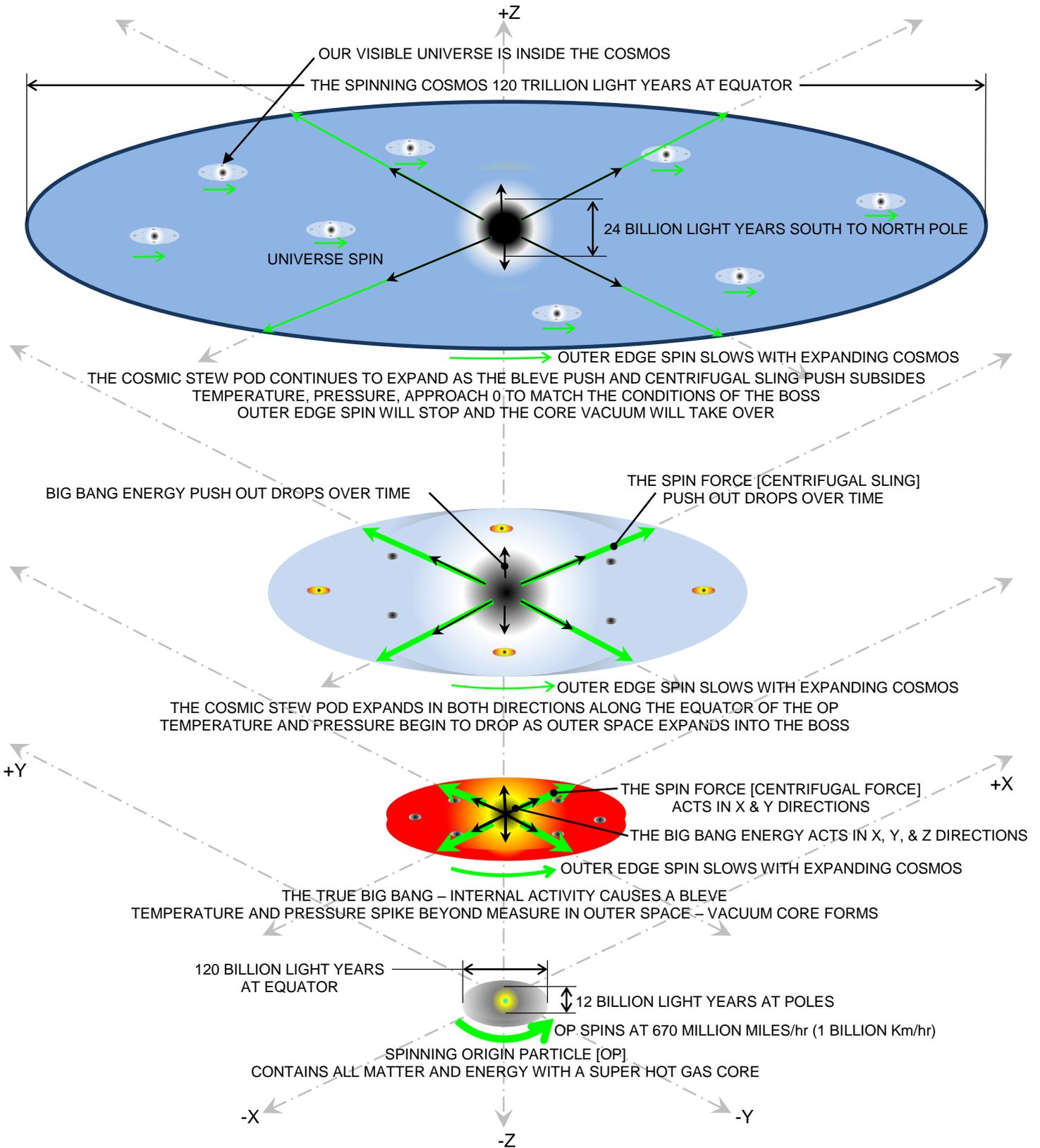
To avoid the stink hole they had to start with something of nothing and they conjured up [to compel a spirit, a god, or the like to appear or disappear by a set form of word or to affect or influence by or as if by a spell or to cause to be or happen by magic or as if by magic or to cause to appear in the mind] the spirit of repulsive gravity and their father god Higgs Mechanism.

To go even further because things can be a particle and a wave, light_electrons – photons, they claim duality. So they associate a particle, a son, to this father god mechanism and want to claim with father god’s correct frequency and oscillation the gas son god particle just popped out of their father god everywhere [their spread out gas beginning]. I guess that’s what makes it a son of god particle; it is all of a sudden Omni present everywhere from nowhere by the god father.

Then by claiming the born anew ghost-spirit energy god of attractive gravity and its energy usage in their first sink hole, they can claim this energy usage adds entropy to the whole. IE: This added energy causing the clumping of their god particles in the sink hole to form their fist-sized planet beginnings having a higher state of entropy than that of their spread out fart gas wave blanket of their father god with its popped up gas son of god particles.

That’s why in this theory the Higgs Particle has been referred to as their son of god particle and the Higgs Mechanism as their father god. Gravity seems to be their ghost spirit god. And like Western Christianity they have a man-made physical god trinity in unity but individually in personality in current physics theory.

NATURE'S MEND



NATURE'S MEND COSMIC CREATION PROCESS

Figure E.1 Figure 5.2

So from nothing, the Higgs Mechanism, their father god, there is no entropy – no chaos, so there is nothing in their beginning. Did the spirit god of repulsive gravity not add entropy? Their father god should have some entropy. And when the son of god particle pops up, they have another change so they have some more entropy: much like the chaos caused by another son 2000+ years ago. Then they drop in the first-third god [the Higgs spirit – a ghost] a black hole with massive attraction and everything everywhere begins to clump and they have more entropy and more chaos.

They have written their theory around that old book, the bible. For in its beginning the SPIRIT was moving over the face of the deep. Then the FATHER made many things and man in HIS IMAGE; male and female. Then the SON of GOD appeared to pull HIS followers back together. And when the SON was gone the SPIRIT came back to hang on to everyone. And here we are!

In their theory, everything is created from nothing to justify lower entropy. With great distances in the Higgs Mechanism and Higgs particle you have low entropy and everything can come together in higher and higher entropy through the sink hole clumping.

Then they claim a big bang with light and rapid inflation. Entropy is spreading out everywhere. Some show the big bang expanding as a square over time. Others show it as a circle expanding over time. Others show a cross section over time. But in their expansions they only use two physical dimensions of space (x, y) and one of time (t). What happened to the z. Oh, its called the Flatness of Space problem with current theory. We combined their cross section and circle concept to better explain. Included here is Figure E.2 Figure 5.1 CURRENT THEORY COSMIC CREATION CONCEPT.

And they have everything form nothing and the conservation of matter and energy is absolutely lost violating the laws of matter and energy in Common Space and in NATURE and they are left with darkness invading everything everywhere leaving them lacking basic understanding in all of NATURE'S SPACES.

NATURE'S strikes them again, for they have found an ancient spiral galaxy in Outer Space that their current gravity theory can't explain. And their theory fails one more time to explain a pink giant recently discovered 57 light-years from earth. It's just more chaotic darkness in their trinity god theory.

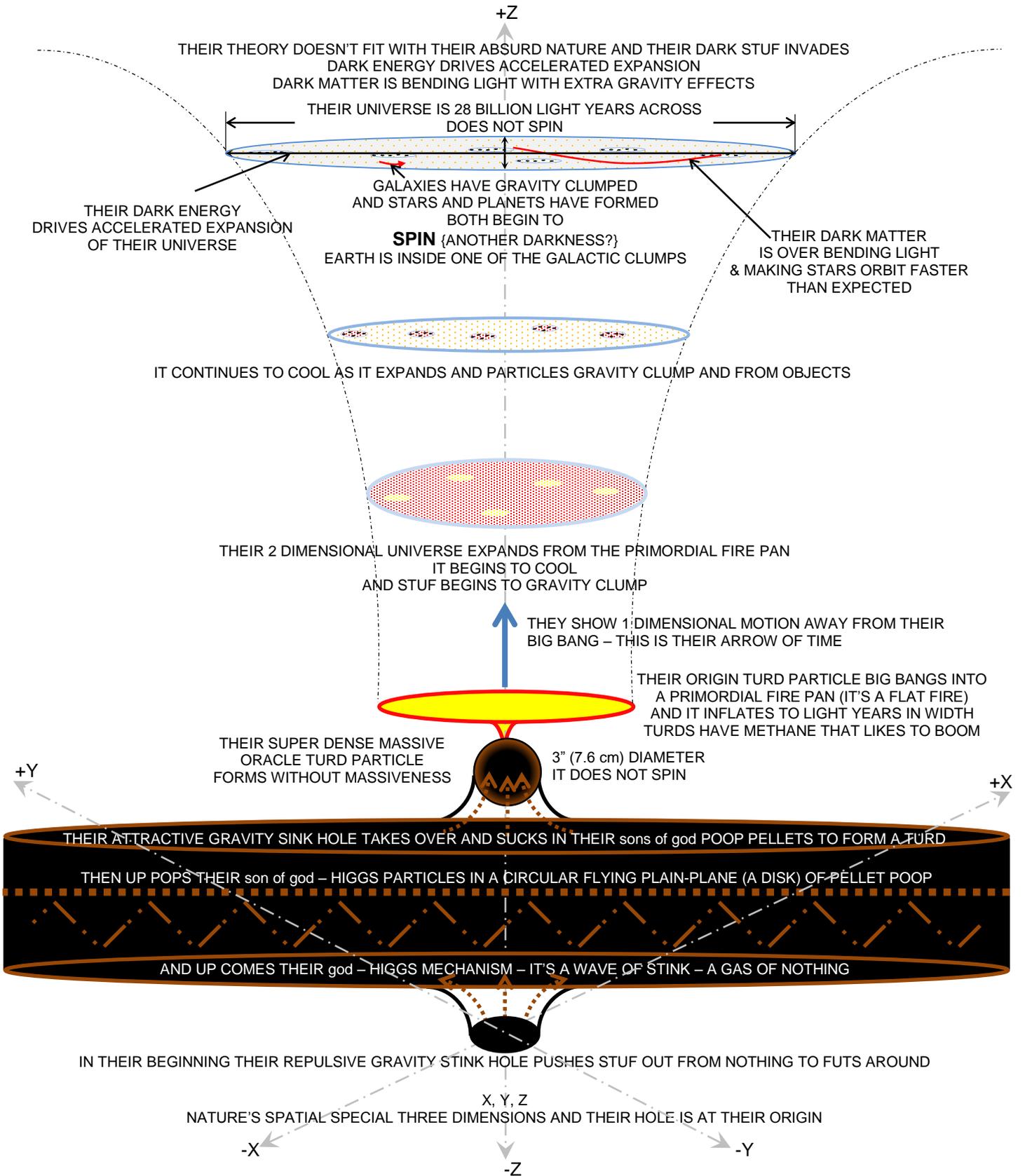
The further their theory goes along TIME'S arrow the more lost in darkenss it becomes. Must be random probability! And their Outer Space begins to act like their Inner Space. For in their Inner Space Quantum theory everything is based on rigorous mathematics and linguistics that drives random probability statistics.

Random Probability – Does it span all scales?

If random probability spans all scales why is it that the E of $E = mC^2$ has never been observed? With everything they have blown up and smashed atomically and subatomically, billions upon trillions of times over and over. Surely they should have seen at least one occurrence! Nope: they have never seen all the E of particle pee [urine] – stuff pissing out of atom smashers. Oh, pee is a fluid and they don't consider fluids inside particle physics – yet! They're working on it.

Maybe random probability and uncertainty don't apply in subatomic physics, the infield of compound to molecules to atoms to particles to fluid to gas physics play? Maybe it only applies when particles are free without three or an e, or an e by itself as in the quarks-e fluid or EME Gas phases of NATURE'S MEND or free in Outer Space to descend [as from the sun to earth]. Or maybe it doesn't

NATURE'S MEND



CURRENT THEORY COSMIC CREATION CONCEPT

Figure E.2 Figure 5.1

apply at all in the perfection of NATURE'S Nuclear Fusion Processing and duality of HER electron in motion with energy. See Figure 8.11 Pouch of e-Motion On-Around-Through a Quark Trifoliate.

Isn't this what added on super strings to the current theory are really trying to emulate (different phases of particles)? Reflect on Article 6, Figure 6.15 Comparative Particle Theory Understanding Map. Current theory with added on super strings is really pointing to NATURE'S MEND, which transcends all of man's physics and has shown in Article 8 why we see only 1/1000TH of the E from $E = mc^2$.

It was not a probability, but an actuality in calculation of the "Really Real World" spinning geometry of this NEW THEORY. That puts all of current subatomic physics theory and it's String M – Sextet Defense, branes and bulks cosmology, multidimensionality, the spacetime blanket of security, and their trinity in uncertainty.

Where is the COSMOS headed? It's spreading out all over the place.

Entropy is also the disorder, chaos, of different states through a process. Like gasoline is in a low entropy state before you start to drive your car or before it is burned up in a FORMULA ONE or NASCAR race. After you start to drive to your destination or just race around a track gas is converted to work, heat, and pollution, a much higher entropy state. Most of it goes to heat!

So a spread out place in space has much higher entropy. This is just the opposite of current theory. NATURE'S MEND continues to strengthen, add color, to my dream. While all they do is scream about their son of god that they claimed resurrected inside a magnetically shielded lab test-tube in 2012.

With all this chaos where's that leave TIME? We've tickled TIME and ENTROPY thought out this work. Now, it's time to put ENTROPY & TIME into their rightful place.

Time from Warped Passages^A: *INDEX "time_warped 110" at page 110 "Time is warped because it too is a dimension from the vantage point of special and general relativity. Warped time is how special relativity tells us that clocks run at different rates in different places, for example."* If their time dimension had an arrow it couldn't point or fly in any direction, its shaft is just to warped.

Their warped time died at the end of Article 5 with Relativity in Unity and Unity in Relativity having nothing to do with a trinity showing the ABSOLUTENESS of TIME.

Times Arrow: It exists and is clear in NATURE'S MEND. However, one could say that for each cycle of NATURE - each cycle of HER Super Discuss [SD_n] of all Cosmic Matter and Energy [CME_n] from HER Origin Particle to and through Outer Space and back again, TIME is segmented into external and internal cosmological events with each of these having two parts.

If we start from Absolute TIME T₀^t as the moment of the BLEVE [Boiling Liquid Evaporating Vapor Explosion – THE TRUE BIG BANG] of HER Origin Particle SD₁CME₁ and track ENTROPY and TIME along the cycles of HER expanding Super Discus SD₁CME₁ of Outer Space and then the Outer Space Super Discus collapsing back to a new Origin Particle SD₁₊₁CME₁₊₁ cycle after cycle we have segments of increasing and decreasing entropy and segments of TIME'S ABSOLUTE ARROW, which is ever lengthening and never ending with each cycle of SD_{n+1}CME_{n+1}.

TIME is NATURALLY asymmetric (pointing in only one direction) in NATURE'S MEND and we have the added concept of conservation with NATURE'S MEND ENTROPY Wave. NATURE is conserving and recycling ENTROPY? Who has heard of such a thing?

Current physics theory is struggling with times arrow and the entropy of different states of the COSMOS from beginning to end. A matter of fact they don't have any idea what the beginning of the COSMOS should look like or be before their little big bang and inflationary period. Recall, earlier their dependence on their god trinity from the stink hole to the sink hole to start the whole.

A matter of fact, current theory inflationary event is only another guess added to their theory to fit observations of quasars indicating that the beginnings of the universe was much more violent than what they see today in Outer Space.

And they have no clue where it will end! Some speculate on the never ending story of inflation. Some speculate on Ghab Gib – biG banG in reverse, the cyclic universe, but entropy sends them into a tail spin. For them entropy is SIN, the one evil thing that leads to a comatose DEATH in theory.

Their current theory is a constructed theory on experiment and observations lacking intuition and imagination versus NATURE'S MEND a theory of imagination and intuition that explains everything and is supported and paralleled by observations.

NATURE'S MEND with its Origin Particle [OP] has the beginning organized into a fusion factory of fermentation and incubation that is spinning. This is the lowest entropy condition (not zero) for in the dynamic process of NATURE'S MEND for the UNIVERSE there is always activity which means there is always some entropy.

At this Origin Particle contained stage the Outer Void Entropy in the COSMOS would be zero as Outer Void Temperature, Pressure and Radiation are also at Absolute Zero. It's all contained in NATURE'S Origin Particle of Super Gigantic Size. Internally HER OP is in controlled chaos as a wave of oscillating liquefaction is turning EME gas to liquid and precipitating spinning particles that induce spin on HER Origin Particle itself.

Then when the TRUE BIG BANG of NATURE'S MEND Super Discus is triggered, entropy rapidly increases with the energetic inflationary chaos of this organized gigantic particle being blown apart along its equatorial plane. It would be like lighting a 16" (~400 mm) shell on the Fourth of July. Actually it's my son and I lighting 8 or 2x4 or $2^3 - 2$ " (~50 mm) shells at the same time [2 boys lighting 4 2" shells equates to 2x4x2 which equals 16 ($2x4x50 = 400$)]. We know that our fireworks are nowhere equal to one big shell, but we can't buy one big shell so we do the best we can with what we can buy.

Maybe 8 – 2s (50s) is better than 1 – 16 (400) for you can have a greater mix of colors and patterns. And if NATURE built everything in the beginning internally, SHE can have all the colors SHE wants when SHE blows up.

When these shells blow its over in a hurry, and every thing flattens out in the atmosphere. There's nothing left but waste particles, gas (stink) and entropy but what a show!

As it is with NATURE and the expanse of the COSMOS flattening out and continuing to move further and further apart, disassociating almost all COSMIC objects from each other in HER COSMIC INFLATION. HER fireworks show is not over yet, there is a small pressure in space [dark energy] still dissipating.

The Hubel Telescope has shown this to be true in Outer Space and our moon moves away from the earth at about 2" (5.08 cm) per year. In 4000 years of BCE & CE equally that's 8000 inches (203,200 mm). That's an eighth of a mile (2 tenths of a Km). Has that had an effect on our weather and climate around our world here on earth? How much have we moved away from the sun in that same time period? If this movement is applied to all the planets in our solar system what's the multiplying effect on our climate change?

COSMIC Entropy is headed for a crest in NATURE'S MEND, a maximum, in the open stage of the COSMIC INFLATION of SD_1CME_1 . And when this occurs, Temperature, Pressure, and Radiation again will be at Absolute Zero [Dark Energy + Dark Matter = 0]. We know its trending to zero. We just can't tell the date and time when it will occur. Death awaits at the BOSS Shore.

NATURE'S inflated COSMOS will be reprocessed by boundary layer failure with reversing electromagnetic energy and the Hollow Vacuum Core (The DARK HOLE – The TRUE BLACK HOLE at the CORE of NATURE'S MEND BLEVE) sucking everything in and entropy will be recovered in COSMIC DEFLATION and a new cycle of $SD_{n+1}CME_{n+1}$ Fermentation to $SD_{n+1}CME_{n+1}$ Incubation will take place. And a new BLEVE will be set in place in HER Inner Space!

When you have a low and a high of something over time you can express it as a wave. An ENTROPY wave over TIME as displayed in Figure E.3 NATURE'S MEND Cosmic Process with a Cosmological ENTROPY Wave & TIMEs Arrow Through NATURE'S MEND Cycles of SD_nCME_n with $n = 1$ to ∞ .

The ULTIMATE WAVE FUNCTION, COSMIC ENTROPY over the TIME LINES of each SD_nCME_n cycle played out on TIME'S ARROW from $n = 1$ to $n = \infty$.

The wave function is shown as simple arcs when it could be a series of complicated tangential (smoothly transitioning) French Curves² [Drafting Tools & Lovely Ladies]. Whatever the curved path, it doesn't change the process or the outcome. NATURE can recycle HERSELF time and again over ABSOLUTE TIME.

There is no end for the ULTIMATE COSMOS NATURALLY PROCESS ENGINEERED through cycles of MATTER ENERGY and DYNAMICS with ABSOLUTE CONSERVATION! NATURE'S MEND has all the answers for the COSMOS and BULK₁ – Substance, and BULK₂ – life. We just need to uncover them for a TRUE MARRIAGE without strife – TWO BECOMING ONE in LIFE.

Now, for some added light in this ending/beginning on light, on the quark particle and its 8 wedges from Article 4 See Figure 4.8.

Each wedge had an individual pointing vector with three signs. If we apply this to the electron of light with its photon of light-energy in duality from Article 8 for everything about the electron-photon is derived from the quark in this theory we have eight electron vectors and seven current colors of visible light.

Something must be wrong someplace?

If you look in The World Book Encyclopedia of Science 1985; revised edition 1987 on page 76 you will learn that the wave length span for visible light has eight half increment markers to it from 4×10^{-7} to 7.5×10^{-7} meters, (1 - 4.0, 2 - 4.5, 3 - 5.0, 4 - 5.5, 5 - 6.0, 6 - 6.5, 7 - 7.0, 8 - 7.5). The same half increment steps apply to lights frequency but at 10^{14} hertz (cycles per second).

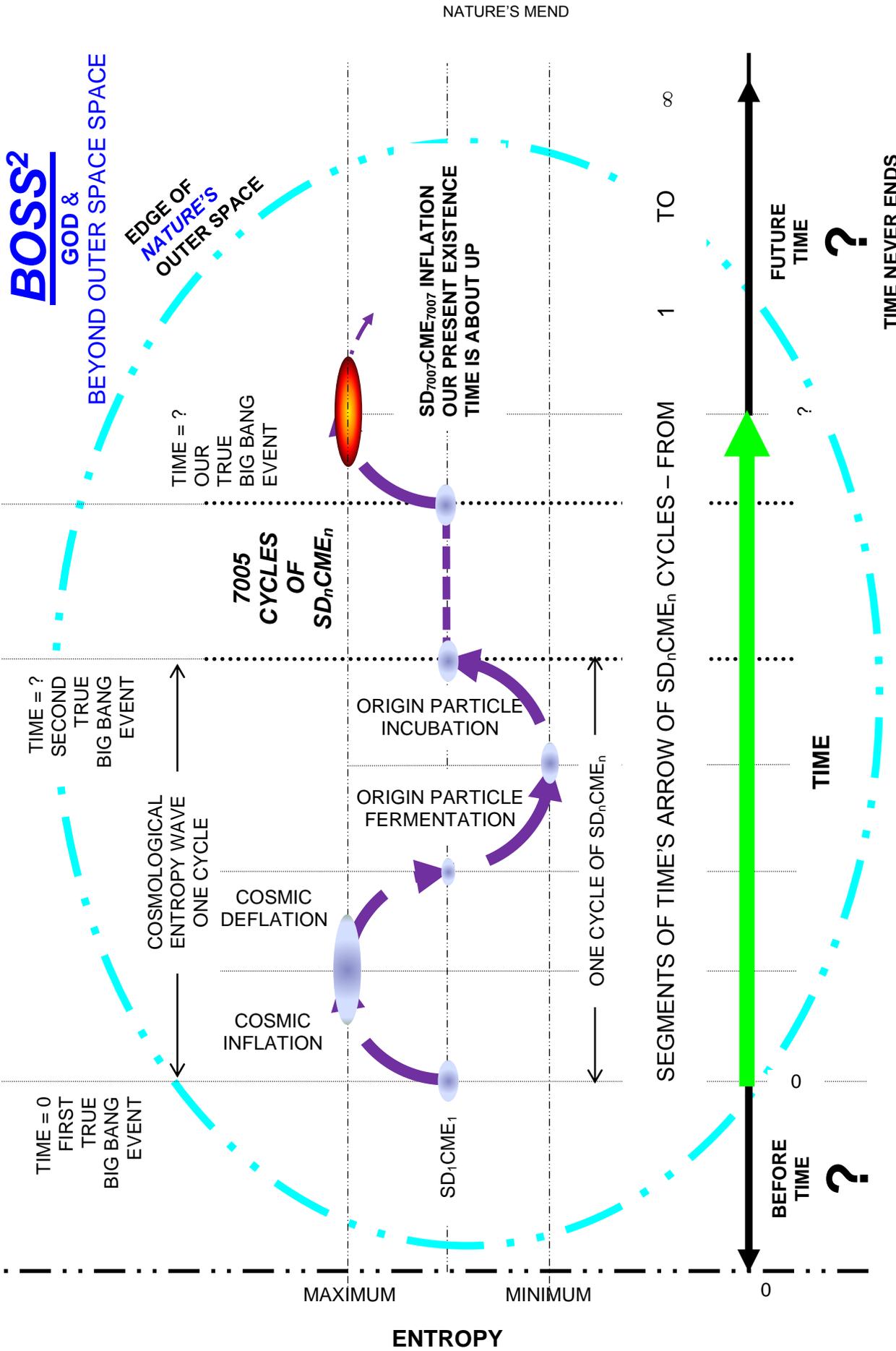


FIGURE E.3

Because our electron and its photon in the “Really Real World” of NATURE really do spin, the visible colors of pure white light transition from one to the other smoothly as in a Common Space rainbow. And that could mean that maybe there is one color we as humans just can't distinguish from another? Or maybe there is just one we can't see? Or maybe one is pure white light and we can't see the difference when they're spinning at the speed of light and the pure white disappears when we refract them into a rainbow?

It's just the dynamic spinning geometry of NATURE'S MEND when HER Photon and Electron became interchangeable as discussed in Article 8 and shown in Figures 8.9, 8.10, & 8.11. And SUPERSYMMETRY of NATURE'S MEND subatomic came to life – reality, which is only a wild ass [jackass] guess in current theory that has never been proven in reality.

This may also mean there are eight divisions to the electromagnetic spectrum, and wouldn't you know it there are: 1 - gamma rays; 2 - x-rays; 3 – ultraviolet; 4 - visible light; 5 - near infrared; 6 - far infrared; 7 – microwave; and 8 - radio. And more understanding comes to light (is visible) within NATURE'S MEND. It has to do with the electromagnetic nature of light driven by light [very little weight] electrons spinning in NATURE'S MEND.

We've left Common Space physics alone for the most part throughout this work. I have a lot of trouble leaving anything alone: Physics_Religion_Engineering_Politics.

There is one additional thing about our Common Space that is worth touching on, I mentioned in in one of the previous articles: earth's magnetism and what drives it.

We know our crust is solid for even under the oceans there is a solid sea floor, though it is moving from here to fore.

We know there is a liquid layer to our earth. It flows out as lava all over the world and under the oceans.

But what is at earth's core? We asked this question before.

Current theory says it's a solid sphere of iron and other heavy dense metals.

NATURE'S MEND says it is a superheated compressed gas, a pure energy gas of electromagnetic energy which is the densest matter of all matter in NATURE'S MEND.

Current theory is a theory full of too many unknowns – darkenss.

NATURE'S MEND is a theory full of geometry and no darkness.

Let's look at Earth's Magnetism to see if that supports current theory or NATURE'S MEND. The earth is a solid at the surface and is full of thick liquid called lava in the upper mantle. Then it has thinner lava in the mantle and even thinner lava in the outer core.

How does it go back to a solid at the core in current theory?

It can easily go to a gas in NATURE'S MEND with the temperatures and pressures near the core. A gas is really only a very, very, thin, thin fluid.

NATURE'S MEND scores again.

It is the interface between the solid crust and this changing characteristic of the thickness [syrupiness] of the lava that allows eddy currents [spinning circles] to be set up inside the earth and be at different spin speeds along the radius of the earth causing a curved eddy current radial velocity profile. The gas core may not spin at all, for a gas' viscosity [syrupiness] is so thin and the earth's spin speed is so slow at the core that shear forces are very very weak and don't transfer across it and induce eddy currents.

Because of the solid crust of the earth and its curved shape from the equator to the poles the eddy currents develop in vertical layers like layers of a cake. As you reach the top or bottom of the earth cake your left with only the crust [frosting] and no more layers can be formed because of the thickness of the frosting so eddy currents can't reach to the very poles of the earth. This causes the north south polar axis not to line up with the earth's magnetic polar axis. This is known to be the case today. The calculated angle of NATURE'S MEND matches very closely to what they know to be the case in Common Space.

The solid crust and curved surface of the earth and layers of internal eddy currents result in the earth's magnetism being parallel to the crust at the equator meaning it should be very weak. They know this to be the case in Common Space. This then results in the magnetism being almost perpendicular near the poles which would mean it should be very strong. They also know this to be the case in Common Space.

We slice earth in half at the equator and cut the earth in half from top to bottom through the poles. See Figure E.4 Earth's Magnetism Cross Section Through the Equator. See Figure E.5 Earth's Magnetism Cross Section Through the Poles at Greenwich England.

It looks like the earth's eddy current reference vectors [arrows] and magnetic pole vector [arrow] are pointing in the wrong direction in figure E.5. They're actually not; it is just the way it works with electricity and magnetism inside earth. More on line research you can do to check out this theory.

One last thing about the earth's magnetism in current theory, if the core is solid it would spin and induce magnetism into itself, which would cause the magnetism to go to the very poles and the angle between the north south polar axis and the earth's magnetic polar axis would not occur.

NATURE'S MEND gas core stops the rotation and magnetism is not induced into the core. Magnetism of the core could be neutral in a PURE ELECTROMAGNETIC GAS. Another reason why NATURE'S MEND doesn't allow earth's magnetic axis to align with its polar axis.

NATURE'S MEND scores again!

The polarity flipping of our magnetic poles will be left for later bulking. They know its done this randomly in the past because of reversed magnetism in rocks. Mantle slippage could be reversing eddy currents and induce this.

Now let's look at all the detail of this entire work with the brief² Score Cards of current theory against NATURE'S MEND.

I need to provide one lead into to the score cards because I am rather derogatory towards the proponents of current theory. This is nothing new, for I have been all along through this work with my god remarks about them. I use "Uh?????????" in several places on the score cards under the

THE THICKNESS OF THE CRUST OF THE EARTH AND ITS UPPER MANTLE MOVING VERY SLOWLY TOGETHER RESULTS IN A SHEAR PLAIN AT THE UPPER MANTLE AND MANTLE INTERFACE AND BEGINS TO ROLE THE MANTLE INTO EDDY CURRENTS.

THE CURST AND THE UPPER MANTLE WILL LAP THE MANTLE, OUTER CORE, AND CORE. THIS LAPPING MAINTAINS THE MAGNETISM OF EARTH.

THESE EDDY CURRENTS THEN INDUCE MAGNETIC VECTORS THAT PRODUCE A MAGNETIC FIELD AND WHEN SUMMED TOGETHER PRODUCE EARTH'S MAGNETISM. SEE FIGURE E.5

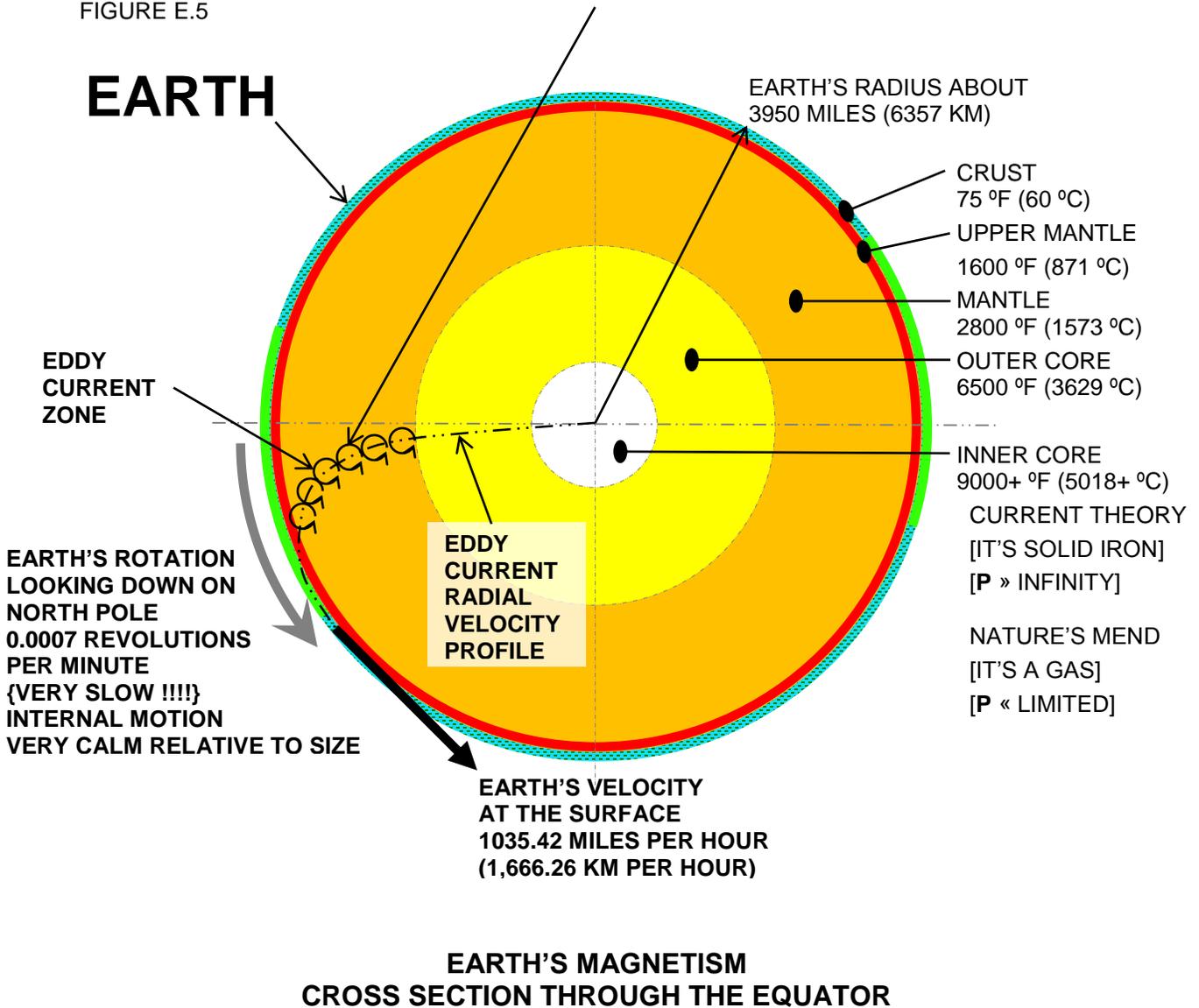
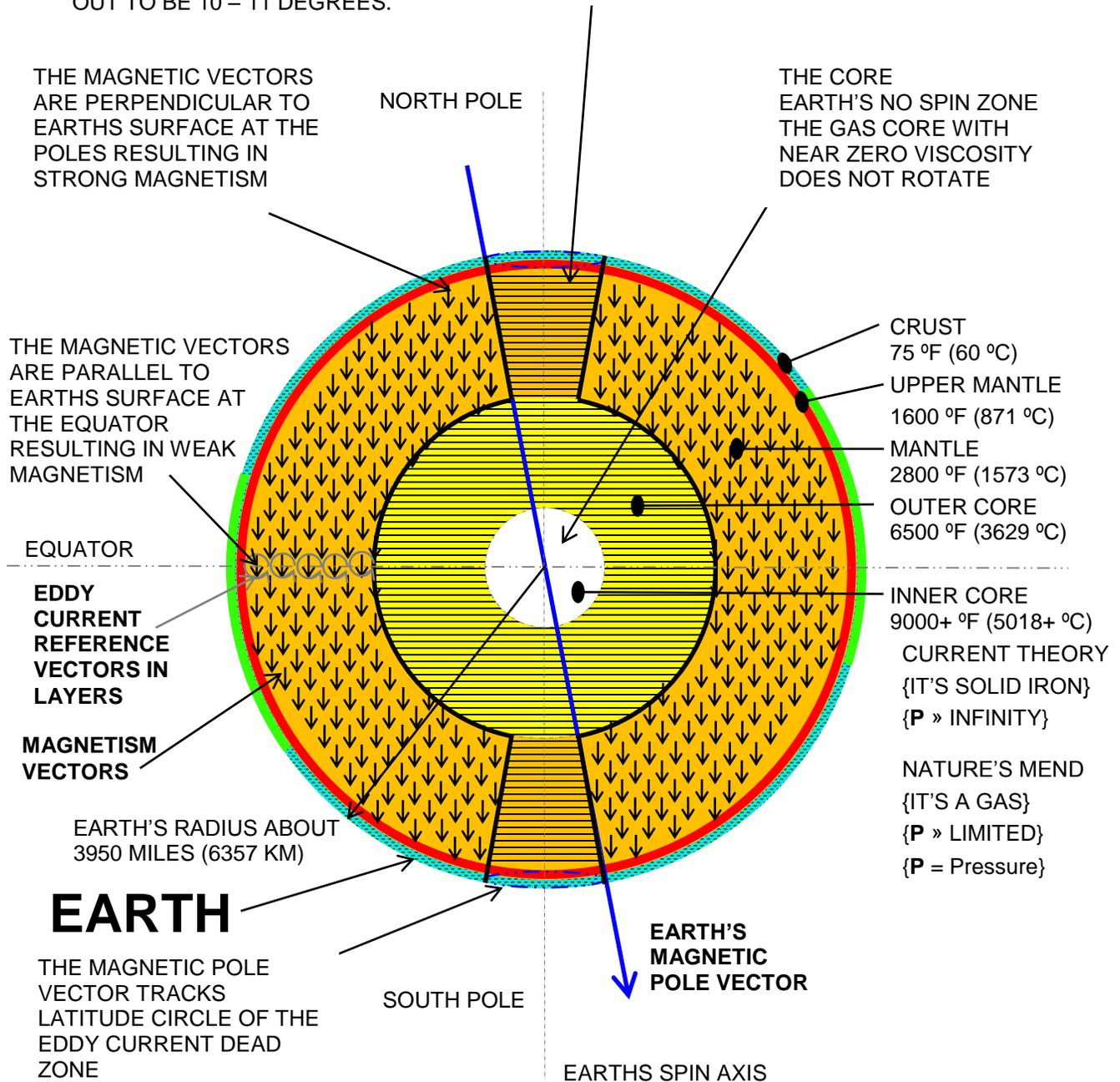


Figure E.4

THE THICKNESS OF THE CRUST OF THE EARTH AND ITS UPPER MANTLE MOVING VERY SLOWLY TOGETHER AT THE POLES RESULTS IN A ZERO EDDY CURRENT ZONE AND THUS THERE IS A ZERO MAGNETIC ZONE. THIS REGION OF THE MANTLE AND ALL OF OUTER CORE THEN ROTATE AS ONE MASS AT THIS VERY SLOW VELOCITY.

THE ANGLE BETWEEN EARTH'S SPIN AXIS AND IT'S MAGNETIC POLE VECTOR WORKS OUT TO BE 10 – 11 DEGREES.



**EARTH'S MAGNETISM
CROSS SECTION THROUGH THE POLES
AT GREENWICH ENGLAND**

Figure E.5

“Current Theory” column of comments. “Uh” – A noun – a sound indicating hesitation, confusion, or the like. All the questions marks are because there are so many questions [so much darkness] they have about their very own current theory.

Because of all the darkness and unknowns in current theory basic understanding and all the branes and bulks and incredible hulks of multiple dimensions today they are confused about what is really going on. This has been perpetuated since the late 1800's with the book “Flatland - A Romance of Many Dimensions”^K written by Edwin A. Abbott in 1884.

I observed this perpetuation [continuation] of “Uh” while catching part of an episode of “Through the Wormhole”⁴¹ narrated and hosted by American actor Morgan Freeman. I consider Mr. Freeman one of our Great American actors. He was great in “Bruce Almighty”, “The Bucket List”, and many others. Through the Wormhole began airing in June of 2010 on the Science Channel.

In this episode Mr. Freeman is presenting a discussion of multiple dimensions. He is talking about two dimensional space and holds out his right hand. A blue ring of light appears flat in his hand. He continues his discussion of the ring passing through two dimensional space [his hand] and an observer in two dimensional space stacking up the rings to observe a sphere. It was a very compelling and impacting presentation. One could easily be swayed by such a demonstration.

This appears to be a direct extraction from the book “Warped Passages Unraveling The Mysteries of the Universes Hidden Dimensions” – Paper Back Edition 2006 Written by Dr. Lisa Randall a physicist at Harvard, Page 19 Figure 6. *“If a sphere passes through a plane, a two-dimensional observer would see a disk. The sequence of disks that the observer sees over time comprises the sphere.”*

Here's the “Uh” – Mr. Freeman's presentation and a viewer's observation of the blue ring of light is from three dimensional space and not from two dimensional space. In two dimensional space the observer would only see a line of blue light the diameter of the blue light circle and thus they could not stack the circles up to form a sphere. They might stack the lines up to form a blue disk.

Let me quote MR. Abbott who wrote the book that is this “Uh” claimed dimensional foundation of many of the gods of current theory today. Flatland A Romance of Many Dimensions^K Published in 1884– Chapter One – Of The Nature of Flatland - Page 3 (Opening Page):

“I call our world Flatland, not because we call it so, but to make its nature clearer to you, my happy readers, who are privileged to live in Space.

Imagine a vast sheet of paper on which straight Lines, Triangles, Squares, Pentagons, Hexagons, and other figures, instead of remaining fixed in their places, move freely about, on or in the surface, but without the power of rising above or sinking below it, very much like shadows—only hard and with luminous edges—and you will then have a pretty correct notion of my country and countrymen. Alas, a few years ago, I should have said “my universe”: but now my mind has been open to higher views of things.

In such a country, you will perceive at once that it is impossible that there should be anything of what you call a “solid” kind; but I dare say you will suppose that we could at least distinguish by sight the Triangles, Squares, and other figures, moving about as I have described them. On the contrary, we could see nothing of the kind, not at least so as to distinguish one figure from another. Nothing was visible, nor could be visible, to us, except Straight Lines; and the necessity of this I will speedily demonstrate.

Place a penny on the middle of one of your tables in Space; and leaning over it, look down upon it. It will appear a circle.

But now, drawing back to the edge of the table, gradually lower your eye (thus bringing yourself more and more into the condition of the inhabitants of Flatland), and you will find the penny becoming more and more oval to your view; and at last when you have placed your eye exactly on the edge of the table (so that you are, as it were, actually a Flatlander) the penny will then have ceased to appear oval at all, and will have become, so far as you can see, a straight line.

The same thing would happen if you were to treat in the same way a Triangle, or Square, or any other figure . . .”

We are half way through Chapter One of “Flatland”. It is a short book, 115 pages of insightful reading on dimensionality.

I address dimensionality at length in Article 2 of this work including the derivation of the spatial specialty of our three physical dimensions throughout all Spaces.

Here’s are some excerpts from Article 2 of NATURE’S MEND:

How can [A Square](#) see a disk (a paper thin section of a sphere [ball]) pass through his 2D plane of existence when he lives in [Flatland \(TwoDland\)](#)? Figure 6 page 19 of “Warped Passages”. He would only see a line, for you need to be outside the two-D [Flatland](#) plane in the three-D to see the disk. He would only perceive a disk after he stacked all the lines, including the first and last point lines, up in his mind as a sphere passed through his plane of existence. So in [Flatland](#) the viewable is One-D. He wouldn’t know to stack the lines up to form a disk because that is 2-D viewable. So he could never see a sphere let alone a disk.

If you took him into the three-D to see, it would be one mind-blowing experience, and with his mind blown he would be absentminded. Isn’t there another story about the “Absentminded Professor”? Maybe it’s about the Absentminded Engineer! Sorry, I just couldn’t resist the humor in all of this dimensional disarray (lack of order – confusion – uncertainty) in current theoretical physics BS-MS-PHDing on physical dimensions and what can and can’t be seen. LOL!!!

We live in a “3 Special Spatial Plus Time 4D Chinkless Universe”! I like 4D it kind of rhymes with 40 and I to am over that hill. Now can you see over the hill and through the trees of many Ds and understand [why three spatial dimensions are special](#), please? The physical dimensions match the viewable dimensions. [Many ideas, whether believed-in or mistrusted, have turned out to be true.](#)

And this spatial specialty of three pops up in more than dimensionality in NATURE’S MEND.

Thus if the current theory gods are “Uh?????????” on lower space dimensional observations could they be “Uh?????????” on the entire current theory? Is that why they are grasping at strings to tie up their lack of basic understand: Uh????????? ?

To quote Mr. Einstein, “Any intelligent fool can make things, bigger, more complex, and more violent. It takes a touch of genius and a lot of courage to move in the opposite direction.”^L

Let’s do a score card summary of the Current Theory against Darkness and NATURE’S MEND against Darkness. Because we really don’t know what TRULY lives within the subatomic and what lives beyond our cosmic sight, we don’t really know how much is left to discover so a direct challenge of theories to darkness is difficult. Therefore we will do a comparison of Current Theory to NATURE’S MEND using an analogy of an Ice-Hockey game because it has three periods, three distinct opportunities for scoring to match our three SPACES of Outer Space, Inner Space, and Common Space. Thus the one that scores more has less darkness and is the better theory!

“COSMIC DARKNESS” – Period One:

This should be easy skating for the Current Theory all-stars because so much of the scoring is based on visual observations in Outer Space and the ease of projecting that understanding backwards and forwards: though they have been struggling of late with some matter and energy issues, and new and ancient planetary and galactic discoveries.

The home team (Current Theory) with all their all-stars has been in the game for over 100 years and has been able to score 20 goals. Beyond impressive for goals scored in the first period of an ice-hockey game or soccer match.

NATURE'S MEND CRAZY skater is a rookie with only partial practice time over the last seven years, yet he has been able to bang in a super super-star performance of 240 goal scoring slap shots. He has outscored most if not all sports type teams in the first period.

The Playbook of NATURE'S MEND Geometry destroys the Playbook of Current theory mathematics, linguistics and physics. Remember NATURE doesn't use and doesn't need to use mathematics – linguistics – or – physics; SHE just does what SHE wants; when SHE wants; where SHE wants; how SHE wants.

See Table E.1 Cosmic Darkness Score Card – current theory VS NATURE'S MEND.

NATURE'S MEND CRAZY skater has outperformed the all-star gods by a ratio of 12 to 1. Can he maintain this blistering pace over the next two periods or will the all-star gods over take him?

“QUANTUM DARKENSS” – Period Two:

Remember Dr. Richard Feynman said, “No one understands quantum physics.”

Thus, this is a more challenging period for it is played in the dark, without lights, for nobody has really been able to see into the goal – who's on the pitcher's mound and is throwing what, when, where, how, and why. Form them it's a probability in a dark sky. For NATURE'S MEND it all about geometry in a wide open blue sky.

The home team (Current Theory) with all their all-stars has been trying to establish Principle Players with the likes of Planck, Uncertainty, Supersymmetry, Hierarchy, Anarchic, and others for over 100 years. They have built some impressive practice fields (atom smashers) and are planning bigger ones. With of all this guessing, planning, and testing they have been able to power play home another 18 goals. For playing in the dark this is a “kick-ass”⁷³ slide.

We are playing in the dark so it's more imagination and intuition than knowledge, so trying new ways of looking blindly at the goal may allow NATURE'S MEND CRAZY skater to adjust and acclimate his sight to the Quantum arena better than they can.

WOW, another super super-star performance of 240 goals scored. Again, he has outscored most if not all sports type teams in this period.

With two periods like that can anybody stop him and catch up?

Looking back over the history of this physics game we have all built upon others and this new MEND game plan of NATURE just provides another stepping stone to greater basic understanding.

COSMIC DARKNESS SCORE CARD - current theory VS NATURE'S MEND - Table E.1					
#	DARKNESS	CURRENT THEORY OBSERVATIONS DRIVING SPECULATION	pts	NATURE'S MEND SHAPE DETONATION & CENTRIFUGAL SLING	pts
1	The DEEP	Uh???????? - We Don't Talk About This	0	SUPREME POWER PROBABILITY	20
2	COSMOS In The Beginning	Uh???????? Higgs Mechanism a Wave of Nothing in Nothing	1	ORIGIN PARTICLE [OP] - ALL in ONE THING Subatomic & Atomic Fermentation & Incubation	10
3	Big Bang Trigger	Uh????????	0	Oscillating Liquefaction Shape Charge Detonation	10
4	Big Bang	Solution to Einstein's Equations	5	[BLEVE] Boiling Liquid Evaporating Vapor Explosion	10
5	Big Bang ENERGY $E = mc^2$	0 No Spin - No Velocity - No Energy	1	Approaches ∞ (Infinity) Origin Particle is Spinning \Rightarrow Everything $\times C^2 \approx \infty$	10
6	COSMIC INFLATION	A Guess - Spreads Everything out Fist Sized Object to 28 Billion Light Years Now	1	Centrifugal Sling & Equatorial Directed Detonation 120 Billion to 120 Sextillion Light Years Now	10
7	Flatness of Space	Uh????????	0	NATURALLY Occurs on the OP Equatorial Plane Due To Centrifugal Sling and Directed Detonation	10
8	Quasars	Uh???????? - Their VAST RADIATION	0	BLEVE & Lbb GUF - GRAND UNIFIED FLUID	10
9	Expansion of Universe	Predicted By Hubbell Confirmed by the Telescope Named after HIM	10	NATURALLY Occurs In Flatness w ith Centrifugal Sling and Directed Detonation	10
10	Cosmological Constant	Einstein's Solution of His Equations For a Static Universe - "A BLUNDER" [1]	1	Does Not Exist ENTROPY WAVE Continuous COSMIC Motion	10
11	Star Formation	Uh???????? "Why is the Tail Wagging the Dog ?" [2]	0	"BIG DOG Scratching an Itch" - External Energy	10
12	Dark Matter	Uh????????	0	Galactic Compression Effects Due to Cosmic Pressure - Dark Energy	10
13	Dark Energy	Uh????????	0	COSMIC PRESSURE Betw een Boundary Layers Due to Centrifugal Sling and Directed Detonation Its low because there's not much left	10
14	Gravity	Uh????????	0	Boundary Layers Effects in Constant Acceleration Due to Circular-Elliptical Orbits of all Components	10
15	SPATIAL SPECIALTY OF 3 DIMENSIONS	Uh???????? "Nothing Says It Is So!" [3]	0	Proven To Be So !!! Article 3 View able Dimensions = Physical Dimensions	10
16	HOLES IN SPACE Black-Worm-White	Black is a plug no Flow to Worm or White	0	DARK HOLE - Matter Flow s Bidirectional in all 3	10
17	Ancient Spiral Galaxy	Uh????????	0	Forms After the TRUE BANGS - BIG & Little Directed Detonation - Centrifugal Sling and Shred	10
18	New PINK GIANT Planet	Uh????????	0	Forms After the TRUE BANGS - BIG & Little Directed Detonation - Centrifugal Sling and Shred	10
19	COSMIC SUPERSYMMETRY	Uh????????	0	Balance In The BOSS by THE BOSS Super Discus SD _n - Symmetrical & Spinning	10
20	TIME DILATION	Human Error - It Occurs w ithout Unitizing Relativity	0	TIME is TIME in UNITIZED RELATIVITY	10
21	TIME	Uh???????? This or That or Maybe That	0	AN ARROW PROGRESSING TO ETERNITY	10
22	COSMOS In The End	Uh???????? A Guess Gnab Gib - Backw ards Big Bang ????????	1	Vacuum Super Contraction & Boundary Layer Failure - NATURE Recycles HERSELF !!!!!!!	20
The SCORES			20		240

[NOTES]:

[1] Einstein considered it his greatest blunder. His equations turned out to be correct without it based on observations of Edwin Hubbell of expanding Outer Space. Al didn't need to fudge them. They were better than he let him self believe.

[2] Neil DeGrasse Tyson asks this ? in his book "Death By Black Hole"^D - They just don't understand NATURE.

[3] Lisa Randall makes this statement in her book "Warped Passages"^A - Her and all the others have been looking incorrectly at flatland 2D space since "Flatland" By Edwin A. Abbott. They think they can see 2D when its really only

NATURE'S MEND ends the probability of Quantum theory and supports Albert's assertion, "That the electron has a specific speed and location." SHE then drives to a liquid state and then a gas state with two new forces. Her Origin Particle has an internal wave function that induces spin speed resulting in centrifugal shred driving the particle mass of quarks. Then three identical quarks join and drive the e and its mass and the particle structure of elements take on a new basis as hydrogen is birthed. A new infield for Quantum Physics play has been built.

The Playbook of NATURE'S MEND actual spinning in real life intrinsic spin of HER pucks (particles) with electron photon interchange (derived supersymmetry) shines brighter than the duality of particle wave string efforts of current theory's extrapolated mathematics, linguistics, and higher order multidimensional gymnastics.

See Table E.2 Quantum Darkness Score Card – current theory VS NATURE'S MEND.

NATURE'S MEND CRAZY skater has outperformed the all-star gods by a ratio of 13.3 to 1 in this period. Not only did he maintain his blistering pace, but eked out an increase in his domination over the old guys and new gals.

One period left. There is one last chance for current theory to overtake his scoring craze!

“ELEMENTAL DARKNESS” – Period Three:

This should be a much closer scoring period.

However NATURE'S MEND Playbook has been able to construct some magnificent plays over the current theory gods' concepts that are anchored to looking back at the past and trying to patch the problem rather than address the cause. And we are stilling playing somewhat in the dark.

The home team (Current Theory) with all their all-stars has been refining particle and element structure with their impressive practice fields for a long time. However, they are hung up on spin momentum without really having spin motion, and they have anchored themselves that their three particles (3 quarks of two types [Up & Dn] and 1 electron) that make up hydrogen H₁ separate [divorce] as they fuse to make more elements. This gives them a dense solid nucleus and a cloak of electrons.

Mr. E = mC^2 tried to debate with them about this with "GOD does not play dice with the universe!" and "We must be missing something!". The all-stars refused to reconsider the advice of this old coach and clung to their Uncertainty of Probability with an absurd nature and built element properties on Carbon 12 and energy releases on experiment.

Yet there are still several unanswered questions, holes, darkness, in their playbook.

With all of this the all-stars were retarded and were only able to sink 12 goals! The lowest of all three periods!

NATURE'S MEND CRAZY skater researched several Current Theory Play books and $E = mC^2$ and decided to see what would happen if the particles were really allowed to stick together and spin in the elements also. He was able to calculate particle properties that matched experimental results. He was also able to calculate the energy releases of fusion and fission energy that were very close to experimental results. I don't think current theory has ever calculated these?

QUANTUM DARKNESS SCORE CARD - current theory VS NATURE'S MEND - Table E.2

#	DARKNESS	CURRENT THEORY IT'S A GUESS FUDGING INTO THE DARK	pts	NATURE'S MEND THEORY SHE GROWS AND GLOWS INTO EVERYTHING	pts
1	Origin	Replaced Classical Physics around 1900 Classical Physics Failed Electromagnetically	5	A Dream of a CRAZY man in April of 2007	10
2	Planck's Constant	A Little Fudge had a Gigantic Impact A Fudge - a Cheat it Worked so Neat The Oven has the Correct Temperature FUDGING of any SIZE is not allowed!!!!	0	Electromagnetic Energy and Temperature GEO-THERMAL-EME SPIN DYNAMICS ONE SPIN FREQUENCY ONE TEMPERATURE [In This Theory Particles Really Spin]	10
3	Double Slit Experiments Electrons Shot after Shot	Uh????????? RESULTS Make no Sense! Can't ascertain What's Going On at e Scale	0	3 Spins of the e Make it all Work in Reality	10
4	Uncertainty Principle Postulated by Heisenberg	If You Can't see what's going on! And You Can't Explain What's Coming Out! You Can't be Certain About What's What!	0	Really Real World Spinning Geometry Explains Everything in Certainty	10
5	AI- E CHIDED	"Missing Basic Understanding!" They Said, "AI you're Confused!"	0	NATURE'S MEND Shines Basic Understanding	10
6	NATURE IS ABSURD	Uh????????? SHE Acts Like SHE is - so SHE Must Be !	0	SHE is Exposed to HER Very CORE ! SHE is SIMPLE & ELEGANT in MEND	10
7	Sum Over Paths Anarchic Principle	Sometimes it Works Sometimes it Doesn't Work	2	NATURE'S AVALANCHE PRINCIPLE There is Only One Path for Particles	10
8	Light & the Double Slit	The e is Omni Present Its Everyw here at all Times.	0	e has a NATURE made Wave, Torque, & Spin In 3 the Results are Driven by Geometry	10
9	Quantum Mechanics	"No One Understands It!" Said Feynman	0	It is Understandable in NATURE'S MEND	10
10	FORCES without Gravity	3 Including the Electromagnetic Force	3	5 Including the Phenomenon of EME	10
11	Liquefied Particles	Uh????????? Gluon Plasma But its Supposed to be a Gas ?	0	Precipitation Force - The Third Force es are OOZE & Quarks Soften & Melt	10
12	Gasification of Liquefied Particles	Uh????????? Gluon Plasma - Theorized Can't Define or Find ? Maybe so? Item 11 & 4	0	Gasification Force OOZE to PURE EME GAS PURE ElectroMagnetic Energy	10
13	Mass Mechanism	Higgs Mechanism and Higgs Particle They Claim a Super Big Particle in 2012	2	LIQUEFACTION - OSCILLATIONS of T & P [Turning Gas to Fluid to Particles with Cooling]	10
14	Particle Mass	Uh????????? Comes Out of Thin Air !?????????	0	Geometrically Formulated & Calculated Q Mass is Huge next to the e at 648 x e Mass !	10
15	Quark (Q) Mass	Uh????????? Tw o - Up and Dn Q Mass Smaller P & Larger N - force fit the Theory !	0	N is an Upside Down P & Hidden e Only One Q mass is Required - No Ups & Dns	10
16	Quark Spin	Uh????????? Energy Says 1/2 But it Really Doesn't Spin ?	2	Quarks Really Spin - They Naturally Slow to 1/2 Their Speed as 3 Join to form a P	10
17	Particle Physical Size	Uh????????? Quark Bigger or Smaller than the Electron?	0	Geometrically Formulated & Calculated Q is Huge next to an e - Q Dia. 8.65 x e Dia. !	10
18	Quark Charge	Uh????????? To Force fit P & N Charge They Need +2/3 on the Up-Q & -1/3 on the Down-Q	0	3 Quarks Spinning into a P Core Charge +1 On the Flip Side They Subtract to Neutrality 0 Internally They Match Fractionally	10
19	Electron (e) Spin	Uh????????? Energy Says 1/2 But it Really Doesn't Spin ?	2	The e is Driven out when 3 Quarks Become a P and the e Spins Equally at a 1/2	10
20	Electron Charge	Uh????????? A P + e Makes 0 so if P is +1 e is -1 ?	2	The e is Driven out when 3 Quarks Become a P and the e is Equally Opposite in Charge at -1	10
21	Left Handedness	It's there but its not Intuitive !?????????	0	When Particles Really Spin If Its not Right Handed Its Left Handed Its Proven - Its Intuitive!	10
22	Supersymmetry	Has Never Been Found	0	Electron - Photon Interchange Article 8	10
23	FUTURE REALITY BS - MS - PHDing	QCD_Strings_ Branes_Bulks_7-11 D Their Theory Retards Progress	0	NATURES MEND BULKING Heresy Becoming Reality	10
24	Proton Spin + e Makes H - Element 1	Its in a CRISIS Uh????????? It's a 1/2 Spin but from where	0	Quarks Slow ed from 1 to 1/2 Spin 3Q-1/2 Spins make a P Spin at 1/2 - No CRISIS	10
THE SCORES			18		240

NATURE'S MEND builds from 3 quarks of one type and one electron to everything. NATURE'S MEND geometry sets a limit for element size. Current theory approximates these based on experimental data, and they are always updating them. They don't know where their elements will end, though they have not been finding many lately.

With this new enhanced playbook for a new period of play he drove home another 240 goals.

See Table E.3 Elemental Darkness Score Card – current theory VS NATURE'S MEND.

NATURE'S MEND CRAZY skater has outperformed the all-star gods by a ratio of 20 to 1 in the last period of this match up.

His domination over the Darkness [lack of basic understanding] of the old guys and new gals makes for a wipe out of Current Theory with an overall ratio of scoring play of 14.4 to 1. This ratio would also apply to the International Football game of soccer. In an American football game it would be like the home team losing to the visitors by a score of 101 to 7.

No doubt as NATURE'S MEND playbook gets out and is analyzed and dissected, new players and plays and ways of understanding NATURE will come about and this rookie will be sidelined or will slip-slide away to become one of the old guys in the hall of physics fame, for we've all built upon the success and failure of others.

NATURE'S MEND clears up all the current theory darkness of BULK₁ – Inner Space Physics; reaches into a better understanding of BULK₂ – Common Space life; and unveils Outer Space Physics; and even peaks into BULK₃ – the SPIRITUAL SPACE of the BOSS – of GOD.

With NATURE'S MEND Origin Particle Spinning, Liquefaction Shape Charge Detonation Mechanism, Supersymmetry, atomic growth, ENTROPY, ABSOLUTE Conservation, and TIMES ABSOLUTE arrow established, the initial conditions of the OP are established and thus the theory of Every Thing from Everything – Every Where has been established and the Theoretical of NATURE'S MEND is solidified.

Now the real work begins with overcoming that old joking adage in science that a new theory goes through three stages before being accepted: *“first it's wrong, then it's obvious, and finally somebody claims that someone else did it first”*.

Least it's not cursed!

Where does it fit in:

“The aim of theoretical physics must be to find a complete set of mutually consistent postulates (something taken for granted or assumed as a basis for reasoning; fundamental principle) or axioms (a statement to be taken as true without proof; self-evident truth) from which the properties of nature ... can be deduced in the form of a number of theorems (a statement that is to be proved or that has been proved) [H. J. BHABA].”^G

I think it fits right in!

Where does that leave us in BULK₃ – LIFE in the BOSS with the BOSS - GOD? We have shown the probable existence of a SUPREME BEING [GOD] at the end of Article 8 with Figure 8.23.

ELEMENTAL DARKNESS SCORE CARD - current theory VS NATURE'S MEND - Table E.3

#	DARKNESS	CURRENT THEORY PROBING FROM OUTSIDE IN & RATIOS	pts	NATURE'S MEND GROWING FROM HYDROGEN [H ₁]OUT	pts
1	Proton Spin [Quantum & Elemental Overlap]	Its in a CRISIS Uh????????? It's a 1/2 Spin but from where????	0	Quarks Slow ed from 1 to 1/2 Spin 3Q-1/2 Spins make a P Spin at 1/2 - No CRISIS	10
2	Proton (P) Structure	2 - Up Quarks & 1 Dn Quark	0	3 - Qs of Equal Mass w ith Spin into the Core	10
3	Neutron (N) Structure	1 - Up Quark & 2 Dn Quarks More Mass than P	0	3Qs Equal Mass Spin out of Core w ith a hidden e Its an Apparent N - Just an Upside Dow n P	10
4	Electron Orbits	Uh????????? It's a Shell - It's a Cloud - It's a Mystery????	0	Electrons Orbit In - Around - Through the 3 Quarks of a Hydrogen Quark Trifoliate	10
5	Electron Energy Location & Speed	Uh????????? It's a Probability !?!?!?!? Experiment Based vs Theory Proven !!!!	0	P Quark Trifoliates Combine to Form Elements Particle Spin Speeds Slow and Set the Energy	10
6	H ₁ - The Odd Ball Element Hydrogen _ 1P&1e No Ns	Uh????????? A Loner on the Periodic Table? 1Proton & 1Electron _ No Neutrons! Why?	0	Liquefaction-Oscillation-Precipitation Fusion 3 Quarks Join Electrically Expel an e to form H ₁	10
7	The MONO-Pole	Uh????????? It Should Exist but we Can't Find It !	0	An Electron Orbits In - Around - Thru H ₁ qT Occurs as the e Passes Through the Core of H ₁	10
8	H ₁ Element Constructability	No Special Association in CURRENT THEORY Ps & Ns Pack on a Dense Nucleus Electrons in Orbit Around Ps & Ns	0	It's the qT-e Foundation to Constructability Nature Made IT Unique & Keeps IT That Way Current Theory Neutrons Don't Exist	10
9	Nucleus Structure	Uh????????? Dense Packed Core - a ball of Ps & Ns	0	Spherical Surface Hexagonal Close Packing (SSHCP) qTs-es Around a Hollow Core	10
10	Electromagnetic Nature of Light Waves & Photon	Developed Gradually to Fit Experiment! Where's the Theory? Uh?????????	0	Geometrical Energy Result of 3 e Motions on a qT e Generates the Photon & is Imbedded w hen Free Its NATURAL Wave Particle Duality	10
11	Sequestered es inside Nucleus	Uh????????? Never Heard of Such a Thing ??????????	0	SSHCP Large Elements Hide Extra e Mass and Store Energy	10
12	Exo vs Endo Thermic [Heat Out vs In] Elements	Uh????????? It changes at Iron - But WHY ??????????	0	SSHCP - Empty Hollow Core Limit is Reached Larger Elements Sequester Energy and e Mass	10
13	Magic #s of Ps, Ns, es	Nuclear Stable Elements & Noble Gases But WHY ??????????	2	SSHCP - Surface Densities Vary Some are More Structurally Stable than Others !	10
14	Limit of Element Size Atomic #s	Uh????????? With Dense Packed Nucleus There Shouldn't be - but There is in NATURE?	0	SSHCP - Angles of qTs Approaches <180° Nucleus Strength Weakens - Size Limited!	10
15	Their god Particle The Higgs Boson	Yippee gee !!!! Yippee gee !!!! They Mashed It into Life at LHC. Hee Hee !!!!	0	In This Theory ITS Nothing More Than an Ion of the Iodine Nucleus w ith Atomic Weight 126 ±	10
16	Why Radioactivity? Decay	Uh????????? Because there is in Nature ??????????	0	SSHCP - Angles Betw een qTs Grow Sequestered es Increase Speed and Frequency Escape & Erode (Decay) the Nucleus	10
17	Alpha Decay	Uh????????? It Occurs in NATURE ! Large Decay w ith Helium Nucleus Released	2	L1 Decay - Sequestered e Energies & Frequency (E&F) Peel Off 4 Q-Ts - 12 Qs an He Nucleus	10
18	Neutron Decay	Uh????????? Occurs in NATURE! N, e, & Anti-Particles to Conserve Mass	2	L2 Decay - Sequestered e E&F Peals Off 1 Q-Trifoliate - an N results & decays to a P & e	10
19	Beta Decay	Uh????????? It Occurs in NATURE ! Realigns Ps and Ns and Emits an e & others	2	L3 Decay - Sequestered e E&F are so high the e Escapes w ithout Eroding the Element Surface	10
20	Gama Rays	Uh????????? It Occurs in NATURE but How ? Highly Energized Photons from Nucleus Core.	2	L4 Decay - Energized Sequestered Core es of Electro Magnetic Energy [EME] - See # 10	10
21	Fusion Energy	Based on Experimental Results Fudge the Theory to fit Real Life	1	Geometrically Formulated & Calculated Within 3% of Experiment	10
22	Fission Energy	Based on Experimental Results Fudge the Theory to fit Real Life	1	Geometrically Formulated & Calculated Within 0.2% of Experiment	10
23	The Process Curve Fusion ∴ Fission ?	Uh????????? No !!!!!!!	0	YES - SSHCP - Particle Interaction Ratio Bullet to Target Drives Energy/Mass Response	10
24	FUTURE	Uh????????? It's A PROBABILITY !?!?!?!?	0	ACCELERATED DECAY of RADIOACTIVE WASTE - SAFER SOCIETY	10
THE SCORES			12		240

As brought out in Article 1 if SS_0CME_0 , which has become SD_0CME_0 , is the starting point then we reduce everything inside the bell curve of Figure 8.23 to a singular point and all we are left with is GOD encapsulating everything before anything. And the left point of the bell curve of Figure 8.23 [all of us on earth] becomes in the image of the RIGHT point of the bell curve. And in the Ancient Scroll it said, "GOD created man: male and female in HIS IMAGE". In the beginning and in the end. "And the LORD will become KING over all the deep; on that day the LORD will be ONE and HIS NAME ONE."

So in the very beginning GOD existed and there was ABSOLUTE DARKNESS upon the face of the DEEP. And the SPIRIT (WIND) of GOD was moving over the WATERS. And feng (wind) shui (water) and chi (natural flow of electromagnetic energy) belong to GOD! And we have that spatial specialty of three in creativity. And in relativity with feng [spin] shui [matter] and chi [flow of electromagnetic energy].

Maybe the Chinese are an ancient spice of early life that survived the babbling at the Tower of Babel?

Thus GOD existed before man and therefore no man or religion can ever own the WAY to GOD. It is truly up to each and every one of us individually to exercise our Free Will, which was, is, and ever shall be the Ultimate Gift from GOD.

With that Gift you can do the right thing first for every one including your enemy. This reflects the TRUE LOVE of GOD.

Why would anyone ever sacrifice this Great Gift to an organization that requires, strict membership [segregates]; enforces commitment to their doctrine [brainwashes]; and requires you to force your children to do the same [proselytizes] to hate others? The organization is religion and there are lots of them to turn right and left to?

If you look at them closely many of their claims are the same, but they still hate each other.

How many cultural strings can lead back through the Tower of Babel when all of mankind spoke with one language, and to the beginning with GOD?

[In his long search for a unified theory, Einstein reflected on whether
 "GOD could have made the Universe in a different way;
 that is,
 whether the necessity of logical simplicity leaves any freedom at all."]^B

Not in NATURE'S MEND of the UNIVERSE!

With logical simplicity without complicated mathematics and erudite linguistics SHE Grows!
 It's in Simplicity Elegantly Intuitively over Time!

But in man's (generic) choices GOD allows for freedom – Free Will.

Can we come together for peace with our GOD given gift of Free Will?

"An intelligence that, at a given instant, could comprehend all the forces by which NATURE is animated and the respective situation of the beings that make it up, if moreover it were vast enough to submit these data to analysis, would encompass in the same formula the movements of the

greatest bodies of the Universe and those of the lightest atoms. For such an intelligence nothing would be uncertain, and the future, like the past, would be open to its eyes.”
Pierre-Simon de Laplace

How close are we in this HERESY?

“The most incomprehensible thing about the Universe is that it is comprehensible”
Albert Einstein

And so is GOD without religion!!!!!!

GOD'S GLORY – NATURE'S MEND:

Many have desired to see & understand what you are reading and have not.

It is the Ultimate in Free Will for mankind, and Ultimately may be why it never ends.
Because all Thought and Understanding is LOST in each cycle of SD_nCME_n !

How many cycles would it take for each and every one to *ISRAEL*
[*ISRAEL*]
– the verb of Ancient of Days –
– not the nation or its religion today –
with GOD one on ONE without the knowledge of the past?

A Sextillion, Sextillion, Sextillion, Sextillions [10^{84}] far beyond Planck scale?

What was it Solomon said,

“Sometimes there is a phenomenon of which they say, ‘Look, this one is new!’ – it occurred long since, in ages that went by before us. The earlier ones are not remembered; so too those that will occur later will no more be remembered than those that will occur at the very end.”

From the Tanakh – The New JPS Translation According To The Traditional Hebrew Text - Copyright 1985 by The Jewish Publication Society.

Did the wisest of the wise that ruled without war 3000 years ago understand the cycles of NATURE'S MEND?

GOD ONLY KNOWS!

NATURE'S MEND Science has encapsulated all of the ULTIMATE COSMOS and shown us a probability of a GREATER POWER, but it will never define that POWER. Nor will any science or religion.

So let's let *Science* be *Science* and *GOD* be *GOD*!

In the first we can work together for the GOOD of all MANKIND.

In the last it's up to each of us as individuals to be GOOD to each other.

“I realized, too, that whatever GOD has Brought to pass will recur evermore: Nothing can be added to it and nothing taken from it—and GOD has Brought to pass that men revere HIM. What is

occurring occurred long since, and what is to occur occurred long since: and GOD seeks the pursued. And indeed, I have observed under the sun: Alongside justice there is wickedness. Alongside righteousness there is wickedness."

So let's talk openly around the world about Science and NATURE'S MEND, fix and repair of substance and life, and leave our prayers for the SECRET PLACES of LIFE.

That's what exemplifies FREE WILL and FAITH with – in – of GOD: LIFE in BULK₃ !!!!!!!

Are the big three at war today for a CHILD of GOD, or for their religion? All three claim to believe in the Old Book!

A prophet of their Ancient of Days said it all when he proclaimed, "Have we not all ONE FATHER? Has not ONE GOD created us? Why then are we FAITHLESS to one another, profaning the covenant of our fathers?"

The Covenant of GOD – LOVE your enemy as yourself!

It's time to return to GOD without religion and let HIS NATURE RULE our substance, life, and LIFE.

Now can you see, we can all be FREE without religion and capnomancy [divination by smoke] [war]!

And in all time and all places GOD is OMNI PRESENT, HE TRULY is the ALPHA & OMEGA - the BEGINNING & END – the ONE INDETERMINATE CONSTANT of everything everywhere at all times!

HE is:
"The GOOD MAN behind the GOOD WOMAN"
– METAPHORICALLY SPEAKING –
For HE is BOTH CONSERVATIONIST and CONSERVATOR !!!!!!!

"The works of the LORD are GREAT, within reach of all who desire them."^{E.a} Psalm 111.2

"GOD SAID, "Let there be lights in the expanse of the sky to separate day from night; they shall serve as signs for the set times—the days and years;"^{E.a} Genesis 1.14&15 +!

GOD'S 401K – "ETERNAL LIFE!!!!!!!"

Thank you so very much for your patient endurance on this trek into heretical uncertainty of current physics theory and the reality of NATURE'S MEND² – Matter Energy and Dynamics & Fix & Repair!

Respectfully & Sincerely!

VERY TRULY YOURS,

7/↓→↓↓→↓↓

kevin I olson: "CRAZY" Blacksmith - Process Engineer, servant of GOD

For "even the darkness is not dark to THEE, the night is bright as the day; for darkness is as light with THEE." Psalm 139.12