

Visual Arts Equations

By

Barry L. Crouse

About the Author

Barry Crouse started in the computer field in 1984 working for Private and Public entity's and has written numerous works in the following disciplines Computer science's, Mathematics, and Physics.. You can email him at barrycrouse@s308872617.onlinehome.us or visit his website at <http://barrycrouse.angelfire.com>.

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Temporal Spatial Equation 3-D

Part 1

By

Barry L. Crouse

Introduction

Part 1 Rotating Black Holes

Part 2 Temporal Spatial equation

Introduction

Today is 01/11/2011 University Place. I have completed my work on Temporal Spatial equations incorporating my rotating Black hole theory into the Scientific Work Temporal Spatial equation. The reason why is I have to show how a theory can be put into practical application. This work does not attempt to explain the Universe but a object in space and how it can be applied in Physics and than used in a practical application for energy efficiency. The audience I am trying to reach out to is Individuals who have Real practical understanding of Energy that have obtained Real life experience it is not for the academic professionals. This paper uses principles in the martial arts Kinetic Energy coupled with mathematics and computer sciences. I hope you will find it challenging and stimulating and begin your own thought processes on the subject matter perhaps you may find new theory's as well.

About the Author: Barry L. Crouse has studied Martial Arts for over 26 years in various disciplines. The author started in the Computer field in 1984 and obtained experience in various IT platforms and Operating systems examples are Unix, IBM, Microsoft, Concurrent, Honeywell.

Thoughts on Rotating Black Holes

By

Barry L. Crouse

Today is 06/10/2010 University Place Washington. I would like to discuss my model and thoughts on rotating black holes with some possible solutions to the problem.

I would like to 1st begin by providing a brief review of some scientist who worked on this topic or issue.

1973 Soviet Scientist Yakov Zeldovich and Alexander Starobinsky how rotating black holes create and emit particles.

1974 After visiting the Soviet Union Hawking produces the Hawking radiation also known as Bekenstein-Hawking radiation in general as stated by wikipedia radiation allows black holes to lose mass they emit radiation also they shrink and dissipate and ultimately gone also black holes have thermal temperatures (heat)

Karl Schwarzschild discusses a radius of a event horizon in relations to a non rotating black hole .

Reissner-Nordstrom propose a static metric equation for non-rotating symmetrical bodies of mass.

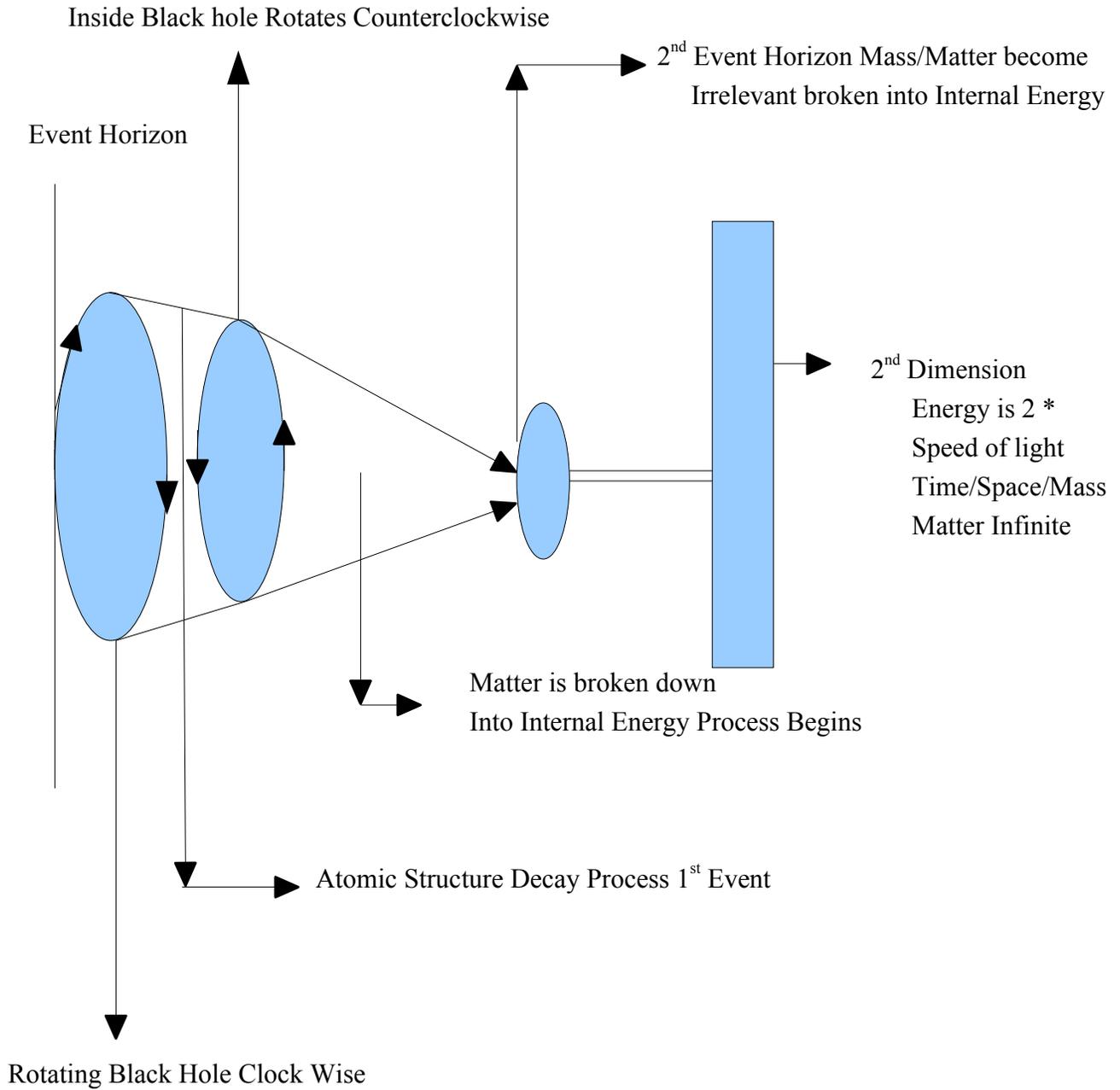
Roger Penrose proposes total energy extraction of a black hole is 29 percent.

1963 Roy Kerr extracts solution for a rotating black hole space time curvature becomes Infinity volume has zero Infinite density.

I have read about the above following and I found the closest one's that would meet my Black hole rotating model is Soviet Scientist Yakov Zeldovich and Alexander Starobinsky and I will apply in principle Kerr's rotating black hole to some degree. I could not use Hawkins's radiation because it violates principles of Energy because I believe Energy externally can be generated and or regenerated into Internal Energy this follows the principle of Ki or Chi whereas the External human body can generate heat to create Internal energy that is greater than external Mass does not vanish but it does externally shrink into Internal energy it goes through a regenerative process.

I would now like to call your attention to the next page that contain my models of a rotating Black hole.

Rotating Black Holes



The Rotating Black Hole has a 2 event horizon the curvatures use clockwise to break down the energy and the 2nd curvature goes counterclockwise to regenerate energy into internal this principle states energy is never loss ed but is compacted to create greater internal energy as the Atomic structure starts going through the decay process time and space begin to accelerate to the 2nd event when the regenerative process begins going from External to Internal the 2nd curvature of time/speed would have to show a decrease and than increase after passing through the 2nd horizon event Please note because the Time,space, and speed are greater than our universe as a human we would not be able to comprehend this. I also applied this to the 1st event as well when the Energy from our Universe begins to enter the Black hole Time/speed would decrease entering a black hole and than begin to increase to allow the process of Energy decay to begin this follows a principle of Linear vs Curvature where it takes more energy and time to generate a action or event when using Curvatures rotating black holes

This principle is applied in the advanced forms of Korean Martial Arts and I used this in my U.S. Copyright entitled Real Time Circular Cryptography demonstrating it takes more time to generate a event using circular than linear motion.

We will now go through the model and propose different solutions that are probable events approximations.

The 1st part is a mass is at the point of the 1st Event Horizon on the rotating Black hole the mass begins to pass through it. The black hole is going Clock wise meaning Time would have to slow down so that the energy can pass through after this energy will start to go through a decay process allowing for Matter to break down accelerating pass the speed of light 186,000 mph because we are still in the External Universe Energy is not 100 percent efficient ;therefore some energy as proposed by Roger Penrose, Yakov Zeldovich, and Alexander Starobinksy can still emit. When Energy passes through the 2nd curvature it starts moving counter clockwise meaning Energy is regenerating into Internal and Mass is compacted Time shows decrease to allow for this process. After passing through

the 2nd Curvature, Time accelerates beyond the 1st curvature because mass becomes next to nothing gravity comes into question we now arrive at the 2nd event horizon Mass Matter Space are irrelevant in human terms because we are now in infinite space we are now generating Internal Energy with no external this allows the passage to the 2nd dimension

I have attempted to explain my Rotating Black Hole model and now I will give some possible mathematical solutions that may provide a solution

The 1st Event Horizon

Tep1 = Total Energy Probability Event 1

Em = External Mass

c = Speed Of Light

m = Mass

Tep1 = (Em2 – m1) * c2 1st Event Horizon

The 2nd Event Horizon

Tep2 = Total Energy Probability Event 2

EM = External Mass

Tep2 = Tep1 + $\sqrt{(EM (2*2))^2} * (c (2+1))$

Please note the Equation $\sqrt{(EM(2*2)2)}$ What This means is as Mass of Energy Increases the area of the mass at the same time is decreasing Also, the speed of light is increasing within the 2nd event Horizon.

The next Mathematical Formulas I am proposing is the Probability of Events this is coined the Barry Helsinki Metric Scientific Exchange Metric.

Pe1 = Probability of Event Horizon 1

C = Speed of Light

d = Distance

T = Time

$$Pe1 = c*d^2*T^2$$

The Mathematical Formula shows within the Physical Universe I kept the speed of Light C at a Constant but at the same time as this happens Distance begins to Increase and Time is exponentiate this shows Time is slowing down to allow Event 1 to pass through the rotating black hole and begin the 1st process of Energy decaying. Please find below the two formula's for Pe2 this is necessary because it is a 2 step process

Pe2 = Probability of Event Horizon 2

C = Speed of Light

D = Distance

T = Time

$$Pe2 = C^{(2+1)} * d^{(2*2)} * T^{(2*2)} * -(2)$$

This formula shows as we enter the second event speed begins to accelerate past the speed of light with distance for all intents and purposes within the black hole become infinite Time has a two fold process the 2nd event allows for it to slow down and increase for the allowance of Energy to become Internal. The next step is the following

$$Pe2 = pe1 + c^{(a+1)} * d^{(2*2)} * T^{(2*2)} * -(2)$$

This mathematical Formula shows Event 1 is incorporated into the 2nd event speed of light is increasing beyond our physical universe Time slows down and then increases to allow for energy to regenerate and then accelerate.

This concludes my thoughts on Rotating Black Holes. We will now begin our next paper providing supporting work on Rotating Black holes.

Date 06/12/2010

Barry L. Crouse

Supporting Evidence on Black Hole's

By

Barry L. Crouse

Today is 06/21/2010 University Place Washington. I would like to provide some supporting evidence on my theory of rotating black holes.

I would 1st like to begin by stating in order to provide supporting evidence on Rotating Black holes we will have to use information we know about the physical universe mainly Earth and Jupiter. The information was located on Wikipedia Free Encyclopedia

I would like to provide known Data in relations to Earth and Jupiter. Please see below

Axil Tilt	Earth	23 degrees 26'21
	Jupiter	3.13 degrees
Volume	Earth	$1.08321 * 10(12)$ km
	Jupiter	$1.43128 * 10(15)$ km
Mass	Earth	$5.9736 * 10(12)$
	Jupiter	$1.8986 * 10(27)$

Mean Density	Earth	5.515 g/cm	
	Jupiter	1.326 g/cm	
Rotations	Earth	26 h 56 m 4.1 s	
	Jupiter	9.925 hours	
Orbit Sun	Earth	365.2563 days	1.000017421 years
	Jupiter	10,475.8 days	11.85920 years

Additional notes are the following

Jupiter's Mass and Volume is Greater than Earth's

Jupiter has 88-92 percent hydrogen and 8-12 percent Helium with Helium Atoms 4 times greater than Hydrogen.

Earth has 78.08 percent Nitrogen and 20.95 percent Oxygen

The amount of Energy generated Internally is roughly equal to Solar Radiation and Jupiter shrinks 2 cm per year because it has no surface but it's magnetic field is 14 times stronger than Earth's. Please note the axil tilts on both planets because the tilt with a greater degree has more dynamic climate change whereas the one with less degree's uses very little energy to generate climate change

I also reviewed the Kalzium Periodic Chart Please find Hydrogen and Helium main components of Jupiter also Earth's main elements Nitrogen and Oxygen.

Hydrogen in Greek means forms water

Hydrogen 88-92 percent Jupiter

Melting Point	13.81 k
Boiling Point	20.28
Electron Affinity	.754204
Mass Hydrogen	1.00794
1 st Ionization Energy	13.5984
Electron Negativity	2.2

Helium 8-12 percent Jupiter

Melting Point	.95k
Boiling Point	4.216
Electron Affinity	4.216
Mass Helium	4.0026
1 st Ionization Energy	24.5874
Electron negativity	not defined

Nitrogen 78.08 percent Earth

Melting Point	63.15
Boiling Point	77.344
Electron Affinity	-0.07
Mass	14.0067
1 st Ionization Energy	14.5341
Electron Negativity	3.04

Oxygen	20.95 percent Earth
Melting Point	54.8
Boiling Point	90.188
Electron Affinity	1.46111
Mass	15.9994
1 st Ionization Energy	13.6181
Electron Negativity	3.44

We are now ready to take the information provided and use it for part of our rotating black hole theory.

If we look at the following overall Mass and Atomic Mass, Mean Density, Rotations, and time to orbit the sun, with Jupiter's Atomic structure we can see the following

Internal Energy

Jupiter's overall Mass and Volume is greater than Earth but Earth has a higher Density than Jupiter (heavier elements) this would show on Each planets rotation Earth takes longer for 1 full rotation than Jupiter because Internal Energy is greater than External this shows with the Atomic Structure of Jupiter with 88-92 percent Hydrogen and 8-12 percent Helium and it's magnetic field stronger than Earth's. We find Elements that are heavier causing Internal speed to not generate this kind of Energy Jupiter's mass also shrinks 2 cm per year meaning as overall mass decreases in the case of Jupiter rotation should increase less time this should be measured as a Internal event

External Energy

If we are dependent on an external source of Energy such as Earth, we find that the closest source of Energy Orbiting the sun will show faster velocity's because of Distance thus time to rotate around the sun Accelerates example Earth takes 365.2563 days to complete 1 rotation around the sun ;whereas, Jupiter takes 11.85920 years to complete a rotation around the sun because Jupiter is farther from the external source of energy it will take longer so if we are dependent on a Near External source of Energy Time space and distance become critical and creates an External event. The space between the object should also be factored in Earth to Jupiter.

In conclusion, If we combine the Internal Energy with the External Energy into Events and applying it to our Rotating Black Hole theory we find that a mass with less density generates more Energy Internally with rotation acceleration increased and not dependent on External Energy also the axis tilt shows less climate change thus energy is more efficient. If we use External Energy we find the mass that is farthest from the External source requires more time orbiting the source thus energy is lost and is not as efficient also because Earth axis is 23 degrees climate is dynamic and should require more use of Energy The source that is closest to the External source will use less time thus Time space and distance should be factored in when applying External Energy to a Physical universe and can be used to apply the Rotating Black hole theory and the Helsinki Equation proposed in the theory. This concludes our topic on providing supporting work on Rotating Black Holes we will now begin our work on accretion disk

Dated 06/21/2010

Barry L. Crouse

Thoughts on Accretion Disc and work to support Rotating Black Hole

By

Barry L. Crouse

Today is 06/29/2010 University Place Washington. I would like to discuss my view points on Accretion Disc and help provide supporting evidence on my theory of Rotating Black Holes.

The following was referenced by Wikipedi Encyclopedia. An accretion disc is a structure in circular structure.

Accretion Disc Physics researched in the 1940's states If matter falls inward it must lose gravitational energy but also lose angular momentum. Angular momentum should be transported outwards to accrete according to the Rayleigh Stability criterion

The manifestations of Accretion disc are as follows

Matter spirals into a black hole

Intense gravitational gradient gives rise to intense frictional heating. The accretion disc of a black hole is hot enough to emit X-rays just outside the event horizon. Quasars

accrete gas by super massive black holes. The process converts 10 percent of mass compared to around .5 percent Nuclear Fusion process.

This is a basic outline illustrated by Wikipedia of what Accretion disc are and a brief overview and now I would like to provide my thoughts that would support my theory on Rotating black holes.

As discussed earlier regarding Rotating Black holes energy that is external in our universe is converted into Internal energy. The accretion disc states that gases spiral into the black hole and lose gravitational energy it is stated mass is lost but the problem here is mass is converted into energy that cannot be examined in our physical Universe because the Atomic structure is being broken down so it allows it to exceed the speed of light within our universe to another dimension energy in an Internal sense is within the rotating black hole becomes much more efficient thereby making it more powerful than our known physical Universe. Heat is more intensive as described by Manifestations of Accretion disc By stating quasars within a black hole can process more energy than Nuclear fusion within our universe it would tend to support that Rotating blacks do convert energy in a more efficient manner thus mass is broken down from external into internal allowing it to pass through the 2nd event horizon in my rotating black hole.

In conclusion, little is written about this topic but we know that gas does go into a black hole and energy is converted more efficiently than nuclear fusion also heat is more intensive thus it would tend to state that mass is not lost but converted into Internal energy that cannot be fully understood within our known Physical Universe.

Dated 06/29/2010

Barry L. Crouse

Temporal Spatial Equation

Chapter 2

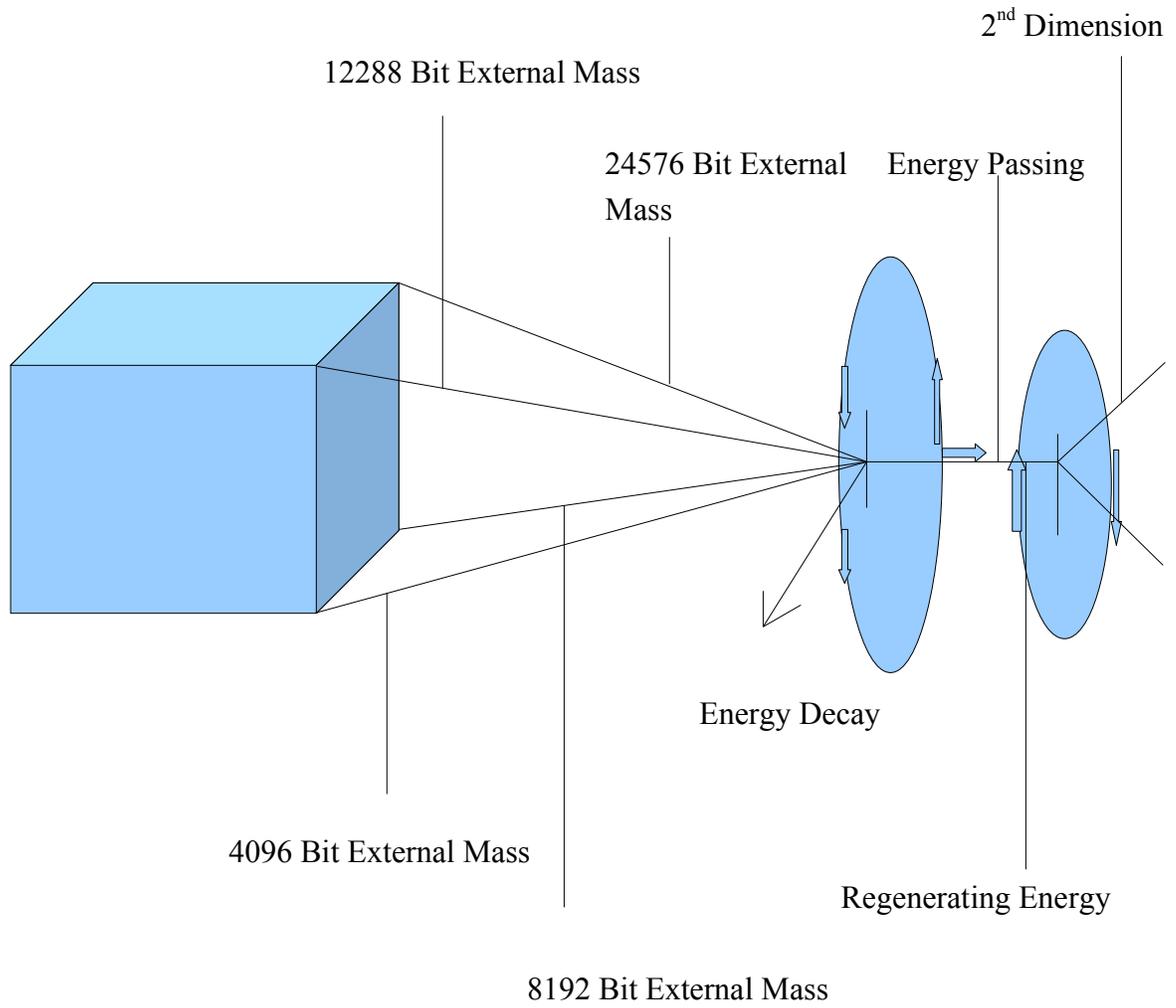
By

Barry L. Crouse

Today is 01/10/2010 University Place, Washington. I would like to go over my scientific work entitled Temporal Spatial Equation part 2. I would first like to call your attention to a few points before we begin.

I have attempted to apply a practical application to my Rotating Black hole theory and also attempted to lay a basic foundation for future work on this project because my attempt in this paper was to demonstrate a basic outline with future concepts including more complex Equations, Quadrant's, within planes and cubes along with different configurations within cubes. The attempt here is not to explain the Universe but to apply a object in space and create a practical application in this work. In order for a individual to grasp this type of material, it is suggested that the Individual apply real life experiences with 10 plus years in a science discipline. If you are a academic professional, you will not be able to understand or grasp these principles because Martial Arts Sciences is a study of Energy in motion coupled with mathematics, Computers, and Life Sciences ;thereby, allowing the individual to progress beyond limitations that are placed. This is commonly called freeing the mind of limitations..

Barry Temporal Spatial Expansion Equation



Vectors	Bits	Speed	Distance/meters
1 st Vector	4096	700 mbs	25
2 nd Vector	8192	675 mbs	25
3 rd Vector	12288	800 mbs	25
4 th Vector	24576	625 mbs	25

In my Black hole Theory, I proposed in general Energy is regenerated and passes into the 2nd Dimension. I attempted to show events, time, space, and Energy **does not go into a “Dimensionless constant”**. I have reviewed the Equation showing this from answers.com and here is the following equation

T is for Time

R is for Distance

C2 is for Speed of Light

$$T2 = T2 - 1/c2 * R2$$

The formula given is incorrect because space is exponentiating, The Equation I propose takes into account that space is expanding Externally within our dimension and in the other dimensions. The following Equations I propose are the following

1st time dimension = T1

2nd Time Dimension = T2

R = Distance

T1 = Total Time of Events / # of Events + 1/186,000 mph * r2

To obtain the number for the 2nd Dimension we use the following

T1 + (T2 = Total Time exponentiate 2nd power / # of events exponentiate the 2nd power + 1/c 3rd power - 186,000 * R exponentiate to the 4th power.

We will now use vectors 1-4 , along with distance and speed Please see below

Vectors	Bits	Speed	Time/Seconds	Distance/meters
1 st Vector	4096	700 mbs	30	25
2 nd Vector	8192	675 mbs	60	25
3 rd Vector	12288	800 mbs	120	25
4 th Vector	24576	625 mbs	180	25

The time used is based on TCP/IP and how much time it would take to assemble bits into bytes frames and than packets the more bits used the more energy is being initiated. Please refer to the OSI 7 stack layer protocol and amount of time for TCP/IP to complete packet handshakes.

$$T1 = 390 \text{ seconds}/4 \text{ events} + 1 /(\text{total speed}/\# \text{ of speed events}) * (\text{Total distance}/\# \text{ of distance events}) = 97.5 + 1/700 * 25 \text{ exponentiate } 2^{\text{nd}} \text{ power} = 97.5+1/700*625$$

$$97+ .001428571 * 625 .892856875$$

$$97 + .892856875 = 97.892856875$$

The example supplied is 4 servers sending 4 vectors out to the mainframe this is a practical application with this equation. I also used the order of operations brackets, exponentiation, dividing, multiplication, subtraction, and addition

Our Next step is according to the model is when it is passing through the 1st event horizon in our model we go through a decay and regeneration process we will now use the Barry Equality field Equation within the scope of our Computer model

$$E = (\text{Internal mass } 3^{\text{rd}} \text{ power} - \text{External mass}) * \text{Total speed} / \# \text{ of event vectors}$$

Internal mass is 3 times the amount of External mass we will add all vectors 1-4 and exponentiate it to the 3rd power to reflect True Energy generated than we will add all vectors up and subtract it to obtain the External mass of Energy

$$E = 49152 \text{ exponentiate to the } 3^{\text{rd}} \text{ power equals } 118747255799808 - 49152 = 118747255750656 * 2800/4 = 118747255750656/700 = 169638936786.65142857142857142857$$

We have now completed the process of Energy passing through the 1st event moving clockwise now we begin to move counter clock wise allowing energy to be broken down for regeneration process. This is preparing it to pass through the 2nd dimension by allowing matter to be broken down creating energy efficiency

$$T1 + (T2 = \text{Total Time exponentiate } 2^{\text{nd}} \text{ power} / \# \text{ of events exponentiate the } 2^{\text{nd}} \text{ power}) + 1/c \text{ } 3^{\text{rd}} \text{ power} - 186,000 * R \text{ exponentiate to the } 4^{\text{th}} \text{ power.}$$

$$T1 = 169638936786.65142857142857142857$$

The Equation used for the 2nd Dimension is as follows

$$T1 + (T2 = \text{Total Time exponentiate } 2^{\text{nd}} \text{ power} / \# \text{ of events exponentiate the } 2^{\text{nd}} \text{ power} + 1/c \text{ } 3^{\text{rd}} \text{ power} - 186,000 * R \text{ exponentiate to the } 4^{\text{th}} \text{ power.}$$

We will now apply the Equation to our Computer Model

$$T1 + (T2 = 390/\text{seconds exponentiate } 2^{\text{nd}} \text{ power} / 4 \text{ exponentiate } 2^{\text{nd}} \text{ power}) + 1/(2800 \text{ exponentiate } 3^{\text{rd}} - 2800 * R \text{ } 4^{\text{th}} \text{ power})$$

$$T2 = 152100/16 + 1/21952000000-2800*390625$$

$$T2=152100/16 + 1/ 21952000000 -1093750000$$

$$T2=152100/16 + 1/20858250000$$

$$T2= 9506.25+ 4.7942660577948773267172461735764e-11$$

$$T2=9506.2500000000479426605779487733$$

$$T1=T2$$

$$169638936786.65142857142857142857 +9506.2500000000479426605779487733$$

$$T=169638946292.90142857147651408908$$

We have shown that in our Computer Model Time decrease's in each dimension thus as speed accelerates past the speed of light not binded to matter Energy is regenerated by breaking down matter to allow the transposition of different dimensions

We will now apply the Barry equality field equation calculating the Internal and External mass in the 2nd dimension

$$E= \text{mass of 1}^{\text{st}} \text{ dimension} * 3^{\text{rd}} \text{ power} - 49156*c3-c1$$

E= 49156 exponentiate 3rd power -49156 * 2800 exponentiate 3rd power – 2800

E=118776249188416-49156*21952000000-2800

E=118776249139260*21951997200

E=2607375888531537930072000 2nd Dimension

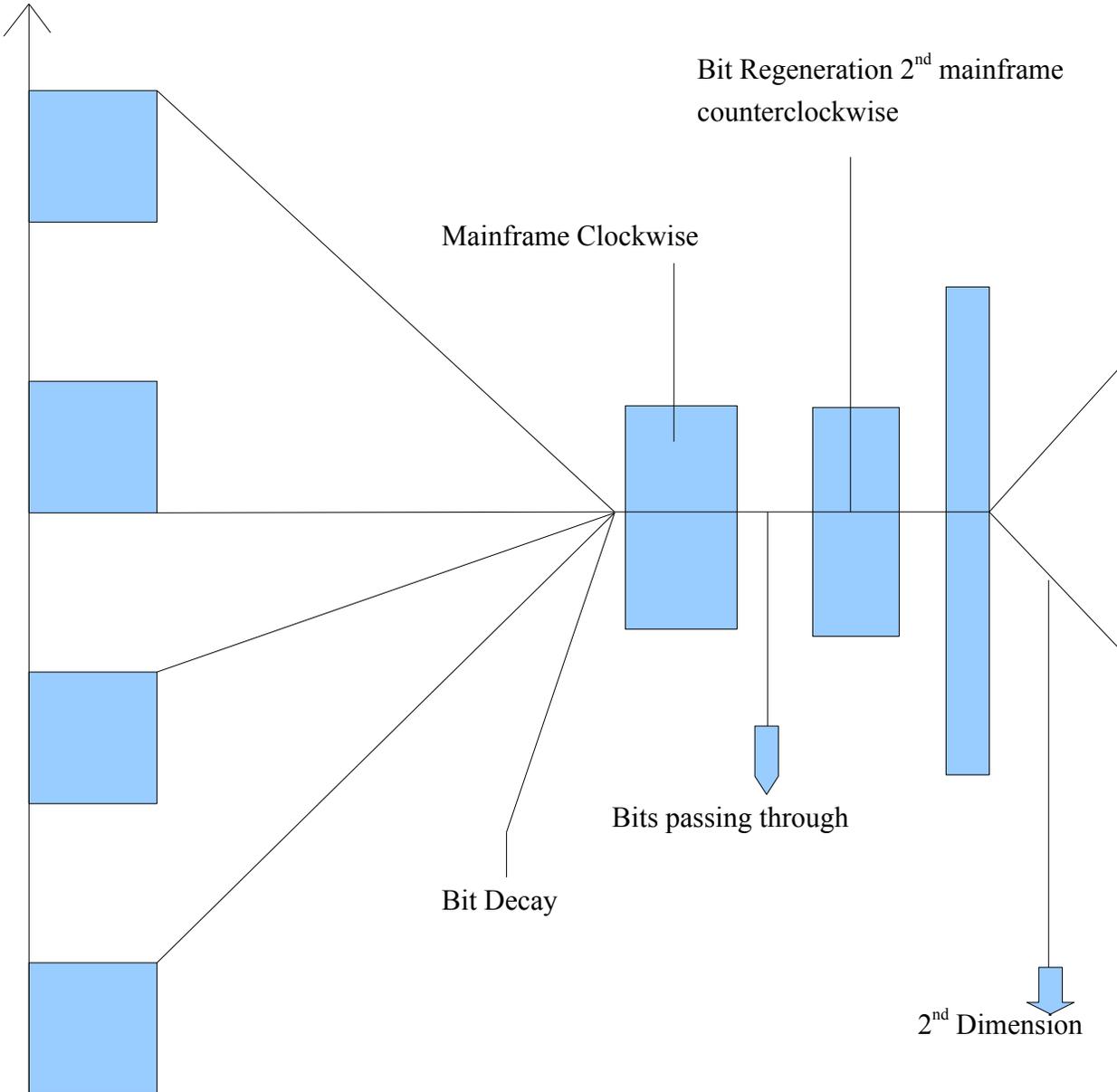
E=169638936786.65142857142857142857 1st Dimension

As you can see Energy in the Second Dimension is greater than the 1st dimension because of being regenerate matter broken down to allow it to not be binded to our Dimension

You ask what does all this mean it shows how energy can be applied in our computer model, design, theory, and development. Example The cube has a plane facing the rotating black hole the cube represents 4 servers with different levels of encryption 4096, 8192,1288,24576 these vectors goto a single point in our black hole or rather Mainframe. The Mainframe discards bits that are in decay while at the same time allows the good bits to pass through the mainframe. After the mainframe, allows the good bits to pass through the bits are being regenerated in the counterclockwise portion in this instance another mainframe. The 2nd mainframe regenerates the bits and passes into the second dimension allowing the packet assembly process to be more efficient and refined.

I would now like to present a graphical illustration of my idea. Please see below

Severs 1-4 with vectors to mainframe



Mainframe Clockwise

Bit Regeneration 2nd mainframe
counterclockwise

Bits passing through

Bit Decay

2nd Dimension

In conclusion, I have attempted to provide a practical application to my Rotating Black hole theory and also applying the equations I attempted to show how this can be applied and made useful in other area's of science. We will continue to develop this in a more complex fashion but right now I wanted to create a foundation for more advanced Equations and concepts tied to innovation.

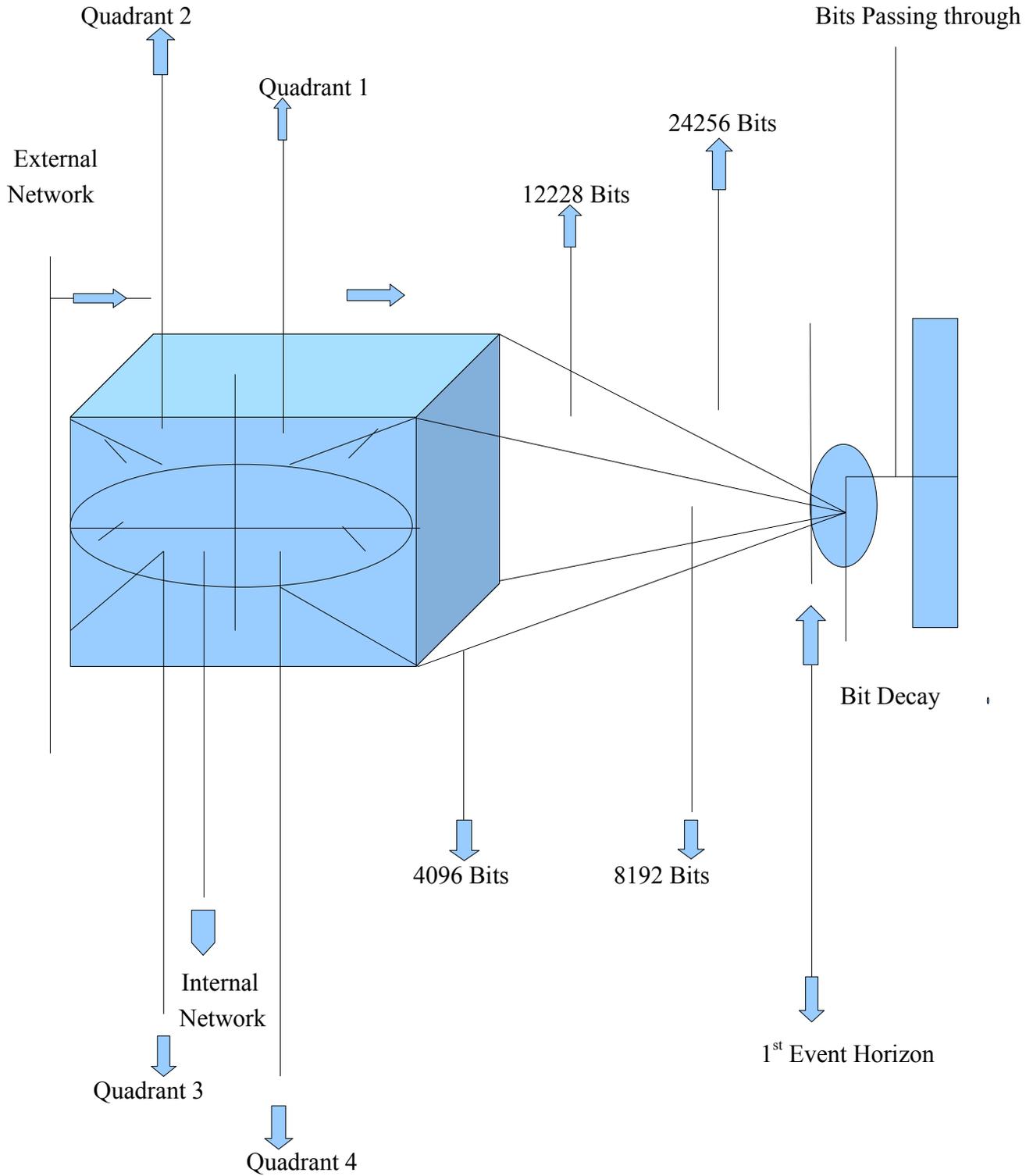
The next Scientific Published Essay will include Data Encapsulation, Quadrants within Planes and cubes with different configurations within the cube.

Sincerely,

Barry L. Crouse

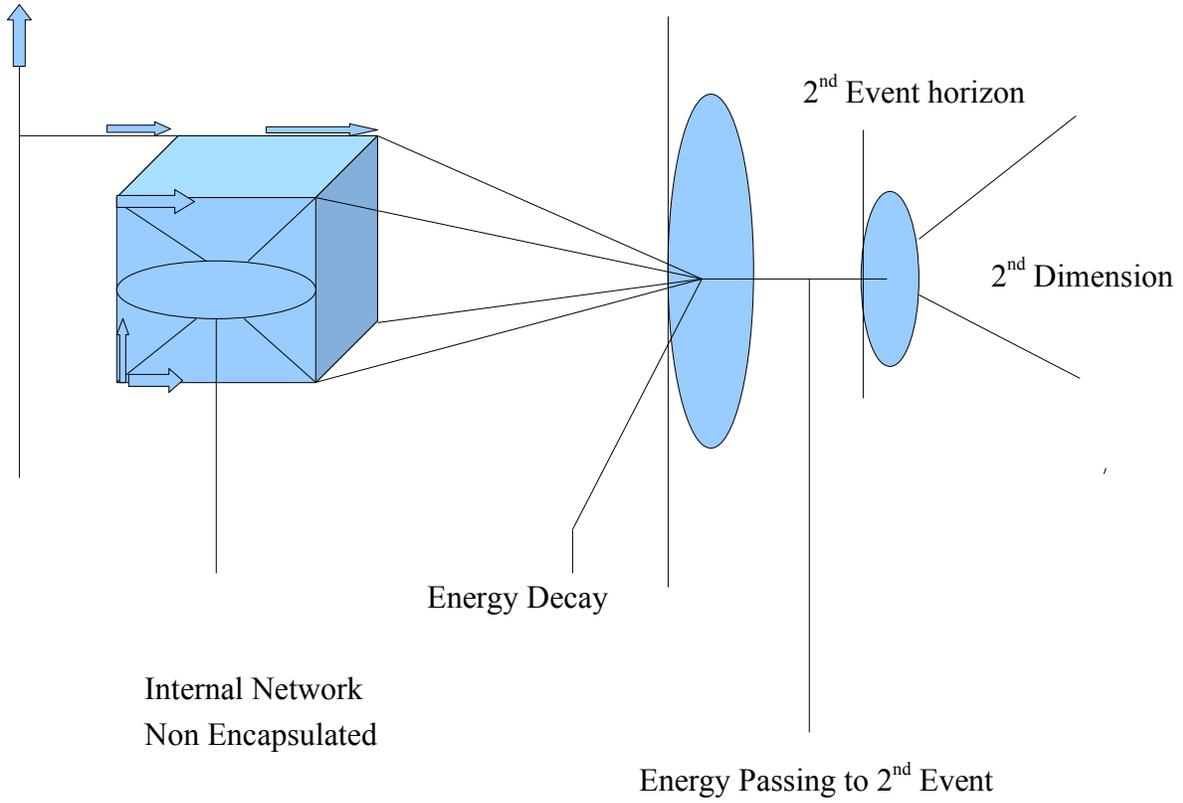
01/10/2011

Temporal Spatial Equation Chapter 2 Chart 1-A

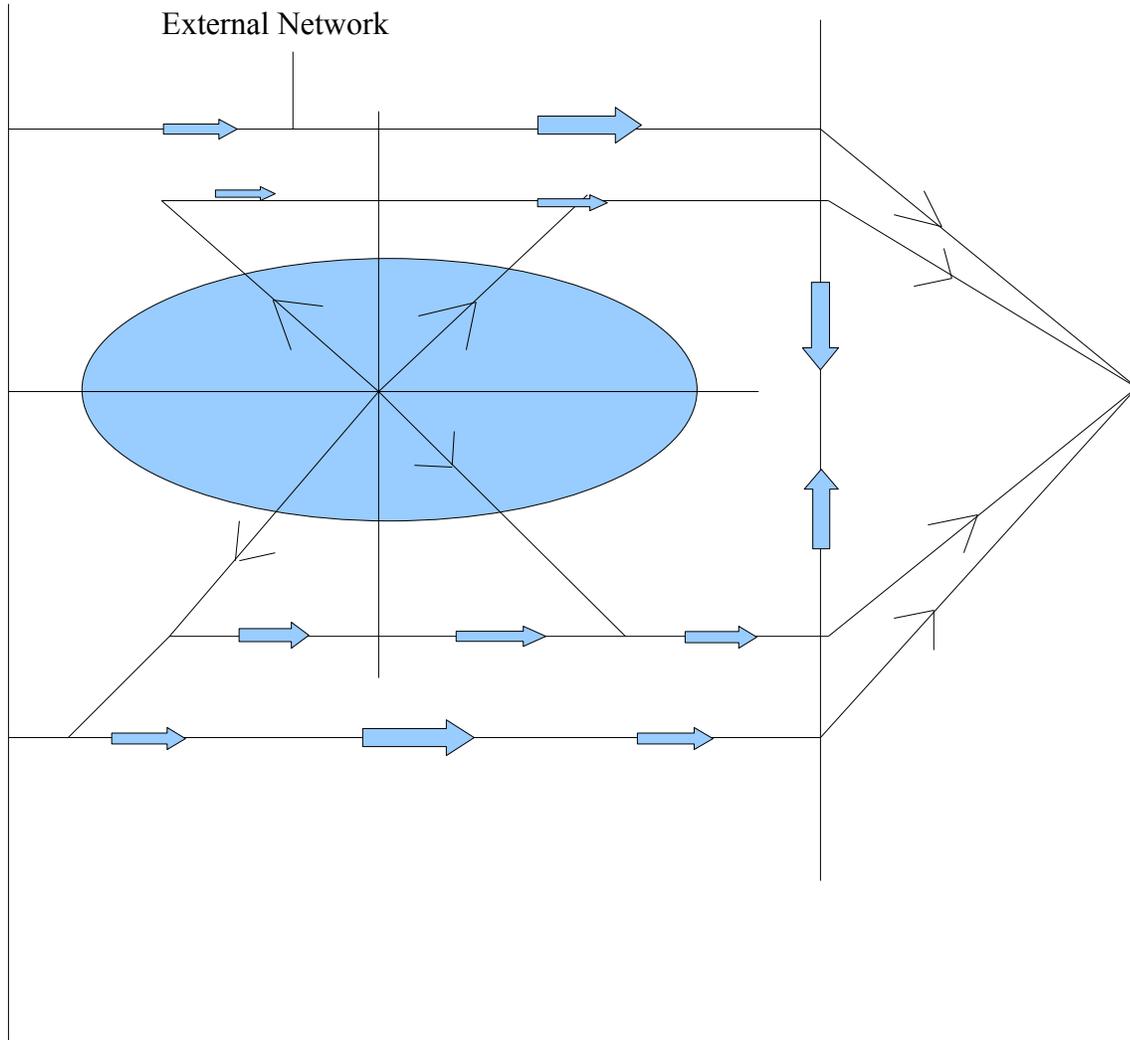


Temporal Spatial Equation Chart 2-A

Must be Encapsulated
External Environment



Temporal Spatial equation Chart 3-A



Path Chart 4-A

External Network = E

Total number of spaces used by External network 1

Total number of paths 1

Bit Strength 24256

Internal Network = I

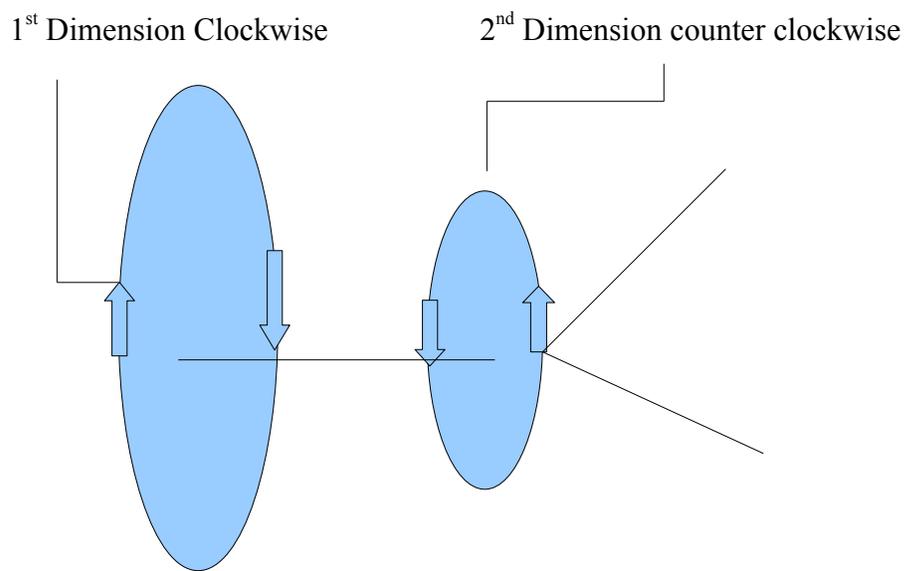
Total number of spaces used by Internal Network 4

Total number of paths 3

Bit strength 4096
8192
12228

External Network may not connect to any points that Internal Network accessed External Network uses 24256 bits with the IP packet Encapsulated into 12228 the 24256 is used as a tunnel for the External Environment so that none of the Internal networks paths are exposed to outside environmental concerns such as viruses, malware, Trojans, spy bots, data corruption etc.. thus the actual bit strength for the External Network is 12228 utilizing a 24256 tunnel Internal Networks have 4 quadrants within a circle or eclipse and have access to 3 different connections this creates a Random Dynamic environment based on Intelligent choice for the best possible path to utilize promoting Energy Efficiency. If you notice the Internal path has a 3 to 1 ratio in

paths and Bit strength, It than vectors out to the mainframe promoting energy efficiency and should be based on the best possible outcome because the laws of our physical universe demonstrates energy decay ;however, the energy that passes into the mainframe goes through a cycling process in a clockwise fashion and is regenerated into the 2nd event in a counter clockwise fashion. Energy chooses it's path either through decay or regeneration and than it is not binded to the matter or in this case the path and bit strength that kept it in constraints. See graph below.



I will now attempt to apply the Barry Helsinki Metric Scientific Exchange Metric in a practical application using 1 point in space or Internal Quadrant that uses 3 different paths. This equation was used in my Rotating Black hole theory. We will first set the variables for the Internal Network to utilize

Quadrant 1 = a

Quadrant 2 = b

Quadrant 3 = c

Quadrant 4 = d

Bit strength = M

$(q_1+q_2+q_3+q_4)$

Link transfer rate = C2

2 mbs, 9 mbs, 12 mbs

The 1st Event Horizon

Tep1 = Total Energy Probability Event 1

Em = External Mass

c = Speed Of Light

m = Mass

$$\text{Tep1} = (E_{m2} - m1) * c^2 \quad 1^{\text{st}} \text{ Event Horizon}$$

$$\text{Tep1} = (q1+q2+q3+q4-m1) 2^{\text{nd}} * c^{2\text{nd}}-c1$$

$$\text{Tep1} = (24516 + 24516 + 24516 + 24516) * 2^{\text{nd}} * (c^{3\text{rd}} - c^{1\text{st}})$$

$$\text{Tep1} = (98064) 2^{\text{nd}} * (2+9+12) 2^{\text{nd}} -23$$

$$\text{Tep1} = 9616548096 * (23) 2^{\text{nd}} -23$$

$$\text{Tep1} = 9616548096 * 506$$

$$\text{Tep1} = 4865973336576$$

The 1st event produces energy usage by bits. We will now proceed to the 2nd event horizon which goes through a regeneration process

The 2nd Event Horizon

Tep2 = Total Energy Probability Event 2

EM = External Mass

$$\text{Tep2} = \text{Tep1} + \sqrt{(\text{EM} (2*2)^2 * (\text{c} (2+1))}$$

$$\text{Tep2} = 4865973336576 + \sqrt{(98064 (2*2)^{2^{\text{nd}}}}$$

$$\text{Tep2} = 4865973336576 + \sqrt{(98064 * 16) * (2+9+12)^{2^{\text{nd}}} + 23}$$

$$\text{Tep2} = 4865973336576 + \sqrt{(98064 * 16) * 552}$$

$$\text{Tep2} = 4865973336576 + \sqrt{1569024 * 552}$$

$$\text{Tep2} = 4865973336576 + 1252.6068816671893089156910140224 * 552$$

$$\text{Tep2} = 4865973336576 + 691438.99868028849852146143974035$$

$$\text{Tep2} = 4865974028014.9986802884985214614$$

As you can see and compare Te1 and Te2 the Total energy produced in the 2nd event increases discretely the number in the 7th digit showed a increase when comparing the numbers

$$\text{Te1} = 4865973336576$$

$$\text{Te2} = 4865974028014.9986802884985214614$$

The numbers are very interesting reasons why are in Quantum Mechanics throughout the centuries there has been a prevailing argument regarding discreet energy also in the Bible King James

version the number 7 seems to show up a lot from Genesis to the book of Revelations perhaps one day somebody will unlock this mystery but right now we are showing a discreet energy increase when measuring event horizons.

Please note the Equation $\sqrt{(EM(2*2))^2}$ What This means is as Mass of Energy Increases the area of the mass at the same time is decreasing Also, the speed of light is increasing within the 2nd event Horizon.

I have shown how a Internal Network can produce 3 times more energy in my Temporal spatial Equation but we now have to compare a External Network with only 1 path it can use as a example

$$\text{Tep1} = (24256)^{2^{\text{nd}}} \text{ power } -24256 * 9$$

$$\text{Tep1} = 5294963520$$

$$\text{Tep2} = 5294963520 + \sqrt{(EM (2*2))^2 * (c (2+1))}$$

$$\text{Tep2} = 5294963520 + (24256*16) * 90$$

$$\text{Tep2} = 5294963520 + 34928640$$

$$\text{Tep2} = 5329892160$$

The External network produced the above amount of energy as compared with the Internal network of $\text{Te2} = 4865974028014.9986802884985214614$.

In conclusion, I have attempted to use part of my rotating black hole theory and incorporate it into a practical application by showing in the 1st event how energy passes into another dimension and is regenerated into a 2nd event while at the same time energy is decaying when it attempts to enter into the 1st event horizon also I have shown that Internal networks produce greater amounts of energy than external because of having the ability to choose multiple path's it can use thus it produces more energy as a consequence through intelligent choices. We have shown discreet increases in energy in relations to event horizons using part of the Barry Helsinki Metric Scientific Exchange Metric equations

Temporal Spatial Equations 3-D

Chapter 3

By

Barry L. Crouse

Temporal Spatial Equation Chapter 3

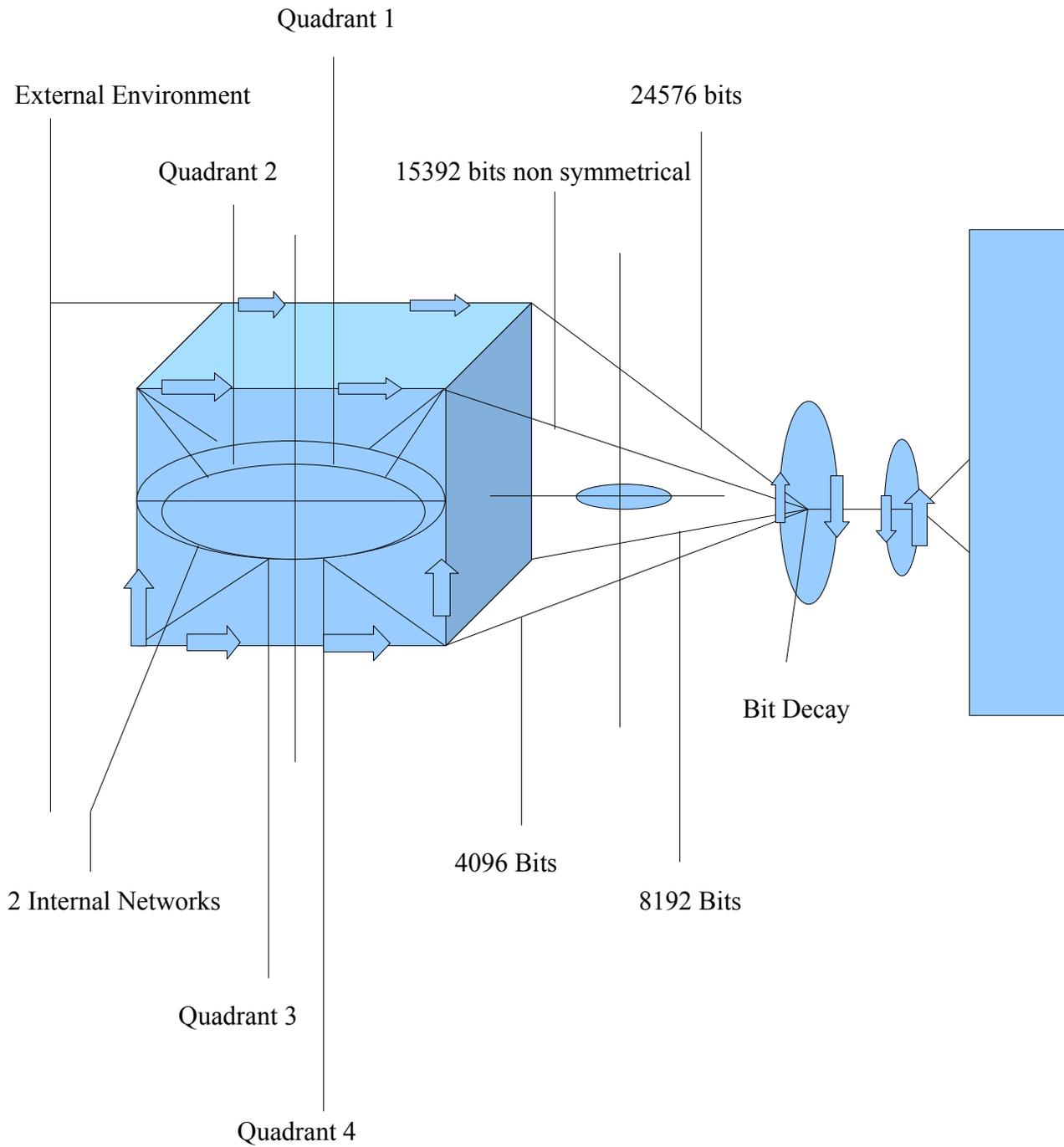
By

Barry L. Crouse

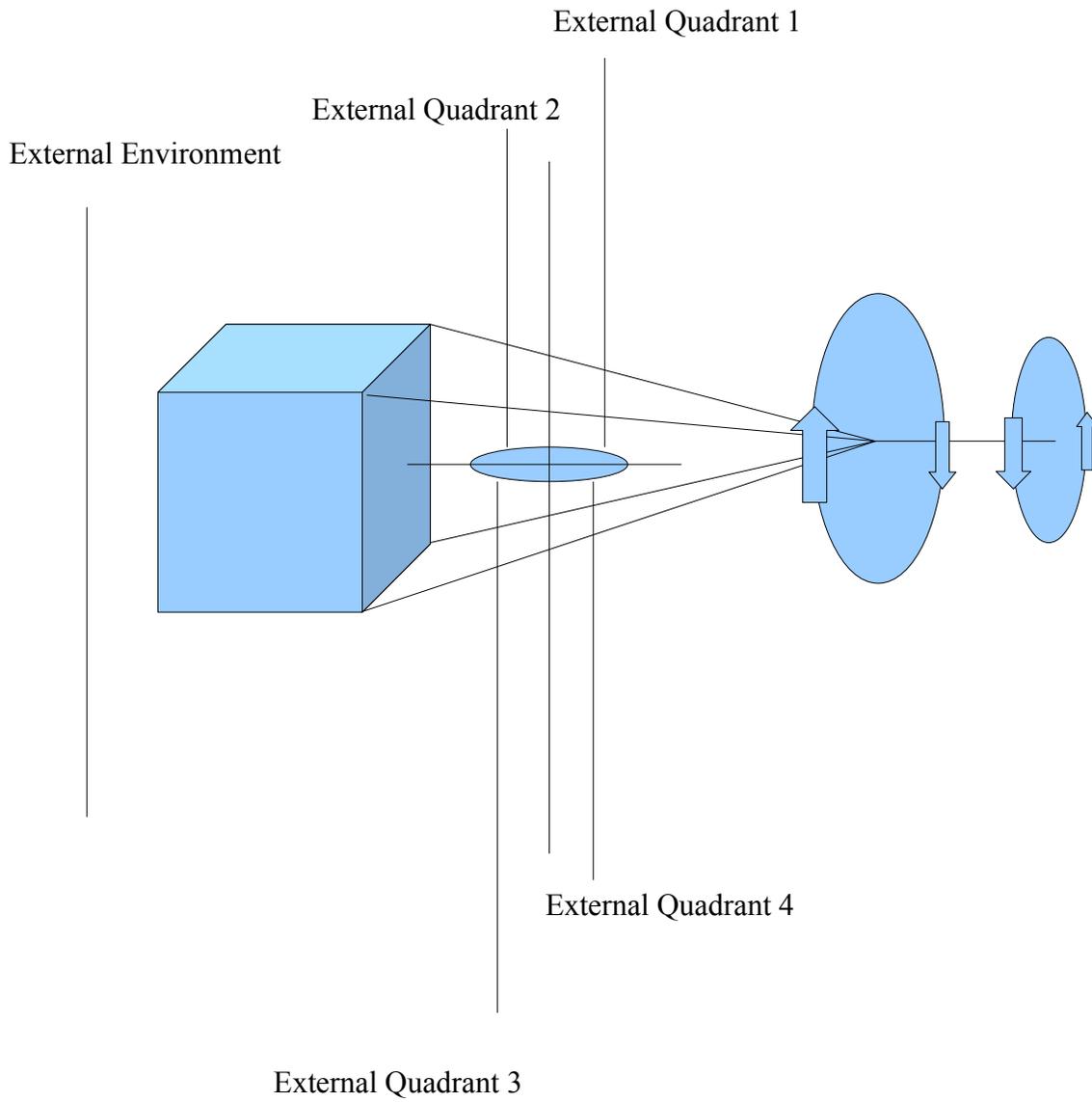
Today is 02/01/2011 University Place, Washington. I would like to discuss the final installment on Temporal Spatial Equation Part 3. If you have not reviewed the 1st two parts please take the time to go over the material.

As indicated in Part 2 we will go over External Quadrants, complex Internal Networks utilizing a circular network within a cube coupled with some Differential Equations calculating Internal and External Energy within the cube and outside it in addition please note in this Spatial cube model we will use different symmetry's. This is important to remember because I written about Why Evolution is incorrect in a binary system in a previous copyright.

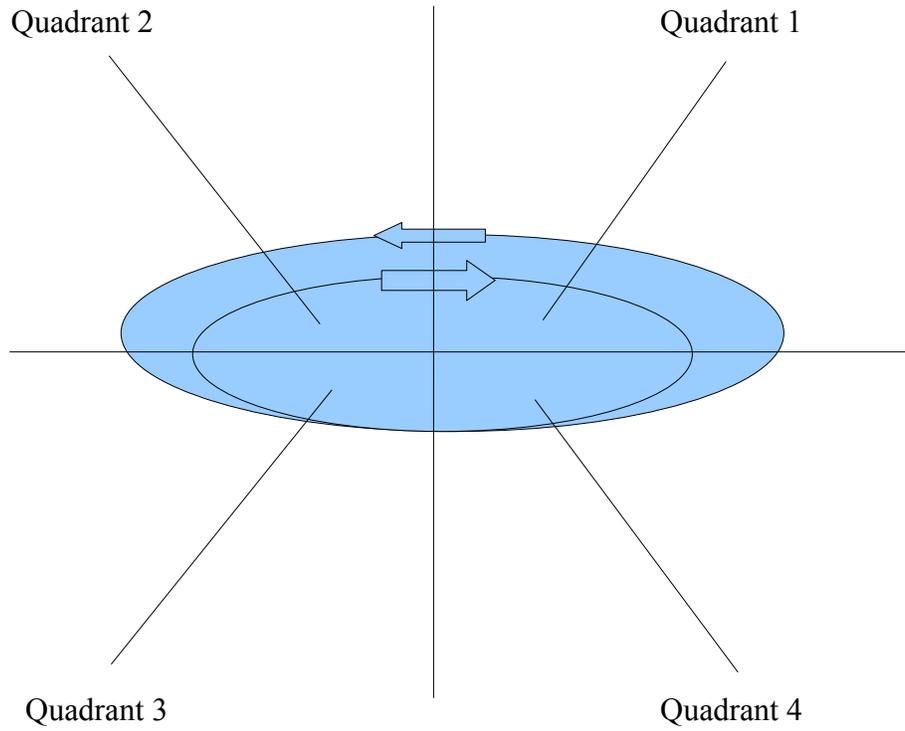
Temporal Spatial equation 3 Chart 1-A



Temporal Spatial Equation Chapter 3 3 Chart 2-A



Temporal Spatial Equation Chapter 3 3 Chart 3- A



2 Ring Internal Network within 3-D Cube

Our 1st chart is labeled 1 – A. The chart demonstrates a Internal Network within a cube utilizing circular networks going in clockwise and counterclockwise motion and allows for 6 spaces to be accessed also allowing the network to choose 3 paths to use. Please note the External Environment is not permitted to access the Internal Network System and data is encapsulated this is isolated to prevent the network being polluted or corrupted. The chart shows the bit strength in each quadrant 4096, 8192, and 15,392 the normal progression would have been 12288. What this establishes is each quadrant or plane is not evenly spaced in energy usage this shows a Dynamic Environment . The Internal and External Environment converge in 1 point and space allowing for Bit decay or Energy loss. The energy passes into the 1st event clockwise as stated in previous works and than is Regenerated in the 2nd event in a counter clockwise fashion and than passes into the 2nd dimension not binded to External elements that have kept it confined within our universe.

The 2nd chart demonstrates External Quadrants and their mass according to their bit strength. Please note the symmetrical and non symmetrical bit strength this shows Internal and External Energy is not evenly spaced and is dynamic depending on it's choices within the structure because the Internal Networks choose the paths within the cube bearing in mind it does not access the External path environment.

The 3rd chart labeled 3-A shows 2 circular networks with quadrant 3-4 accessing the same points within the cube. Please note depending on the Ring it either moves in a clockwise or counter clock wise fashion. The total number of spaces utilized by the 4 quadrants is 6 spaces The reason why this is done is because it is a attempt to show energy being utilized in a dynamic environment example quadrants 3- 4 have 4 spaces it can access but the question is what path does it take clockwise or counter clockwise based on Intelligent choice or path it chooses. Quadrant 1-2 use static paths to access points within the cube and than chooses which external quadrant point to utilize.

We will now begin our mathematical calculations for Energy usage Internally and Externally along with differentiating the areas utilizing Differential equations.

Internal Energy

Total number of Internal Network points =6

Total number of Internal Quadrants = 4

Internal Mass of bit strength utilized 4096, 8192, 15392

Total Internal mass bit strength = 27680

External mass Data Encapsulation bit strength = $24576/2 = 12288$

Data Transfer rates = 2, 3, 12 mbs

Total Transfer Rate = 17

Equation = $E = 27680+27680+27680+27680+27680+27680 - 24576 * (17)^{2^{nd}} - 17$

$$\text{Equation} = E = (166080-24576)2^{\text{nd}} \text{ power} * 272$$

$$\text{Equation} = E = (141504) 2^{\text{nd}} \text{ power} * 272$$

$$\text{Equation} = E = 20023382016 * 272$$

$$\text{Internal Energy} = 5446359908352$$

I would like to highlight a few points in relations with Internal Energy. The calculations are based on the 3-D cube model and the Internal Ring Networks accessing 4 area's within the cube and accessing 6 spaces within the quadrants. The attempt was to show how a Dynamic Environment could exist within a confine space and how energy can be unevenly distributed in a non symmetrical fashion.

Please also note the Internal ring Networks move clockwise and counterclockwise with quadrants 3-4 accessing the same segment or areas within the cube. This shows a Dynamic Environment as well.

We will now begin our External Energy Calculations outside the cube.

External Energy

$$\text{Equation} = E = (27680 + 27680 + 27680 + 24576) 2^{\text{nd}} \text{ power} - 107616) * 272$$

$$\text{Equation} = \text{mass 2} = (107616) 2^{\text{nd}} \text{ power}$$

$$\text{Equation} = (11581203456 - 107616) * 272$$

$$\text{Equation} = 11581095840 * 272$$

$$\text{External Mass} = 3150058068480$$

$$\text{Internal Mass} = 5446359908352$$

As you can see Internal Energy produces greater energy than external because as Energy is traversing the segments within the Planes bit decay starts to occur as it comes to the 1st horizon where energy goes through either a decay or regeneration process.

$$X = \text{Internal mass}$$

$$Y = \text{External Mass}$$

We will now attempt to use some Calculus specifically Differential Equations. I will show the Area differences between the Internal and External Area of the cube. Just a side note I never thought I would get the chance to use Calculus outside of my college days but in this instance this is a practical application so I am happy being able to apply what I learned after 25 years a little dry humor.

Differential of Energy and Area

$$\text{Equation} = x^{2nd} - y^{2nd}$$

$$(2*5446359908352) - (2*3150058068480)$$

$$X = 10892719816704$$

$$Y = 6300116136960$$

Difference of Energy of Areas

$$\text{Difference of Area} = 4592603679744$$

This concludes are Differential equation on Internal and External area's of mass. I wanted to make a observation and the equation I applied called the Barry equality Field Equation seems to work with with the Differential Equation listed above.

Barry equality Field Equation $E = (m_2 - m_1) * (c_2 - c_1)$

Differential equation $x^2 - y^2 =$ $2x - 2y$

We have now completed our studies on Temporal Spatial equations. I have attempted to demonstrate how to build a foundation to create complex models incorporating Physics, mathematics, and Computer Sciences and as each part we attempted to build and Re-enforce theory placing a emphasis on practical applications and finally utilizing Calculus after my college days had to get that in a little humor. I wanted to make a additional note whoever is reading this if they choose to build upon this work you may want to do some research into bit decay and the process of regenerating this into something useful but that is a entirely different project.

Day 02/04/2011

Barry L. Crouse

Temporal Spatial Equations 4-D

Chapter 4

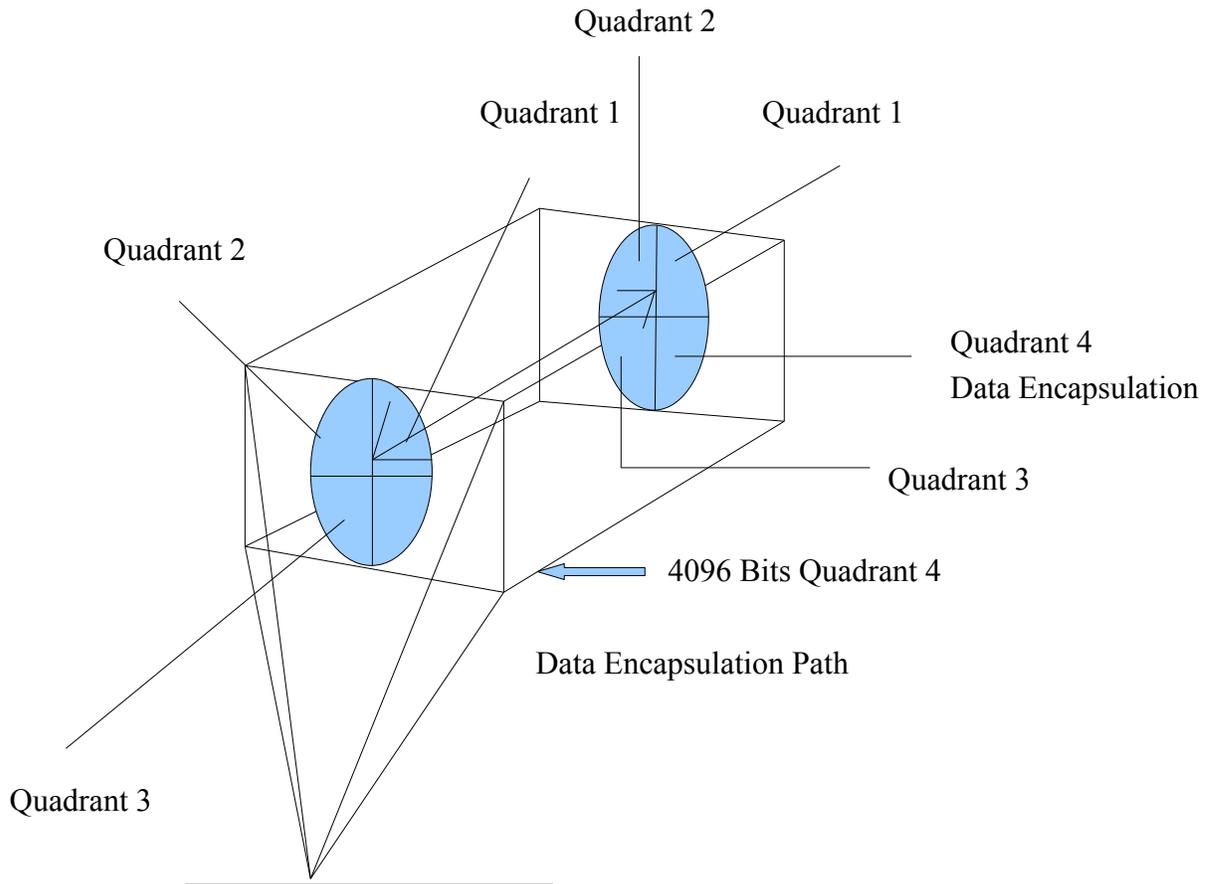
By

Barry L. Crouse

Temporal Spatial equation 4-D

Chapter 4

Symmetrical Cube



Quadrant 1 16384 Bits

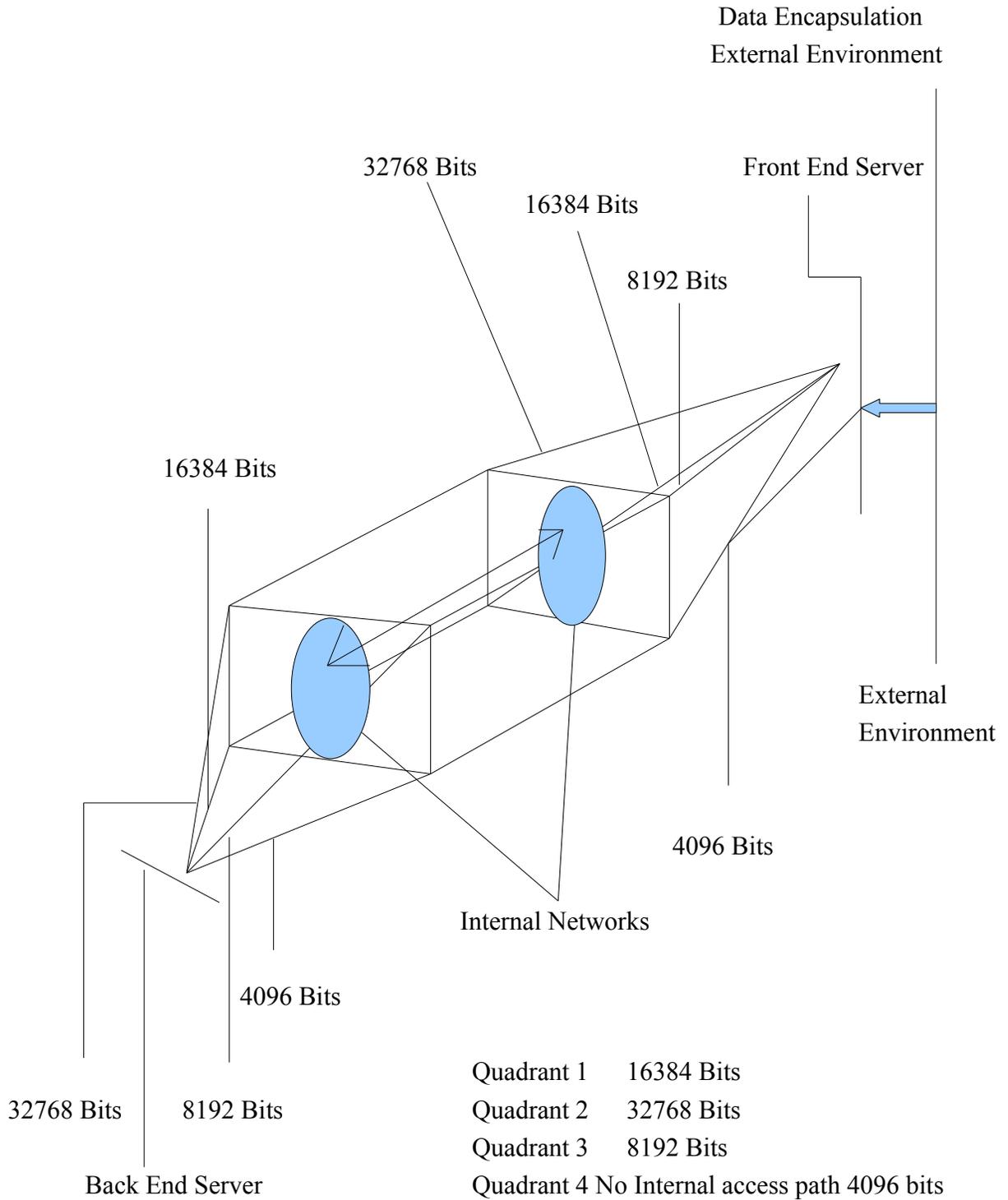
Quadrant 2 32768 Bits

Quadrant 3 8192 Bits

Quadrant 4 No Internal Network Access Data Encapsulated 4096 Bits

Temporal Spatial equation 4 Dimension

Symmetrical Cube



We will now begin our calculations using the Barry Equality Field equation and
Introduce a new approach using a new equation

We will begin by stating our Variables

I_m = Internal Mass

E_m = External Mass

F_e = Front End Server

B_e = Back End Server

E = Energy

C_2 = Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 8192, 16384, 32768

External Mass encapsulated uses 4096 bits

The Barry equality field Equation is stated using the following

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The following is used for the Front End Server

$$Fe = (m_2 - m_1) * (c_2 - c_1)$$

$$Fe = (8192 + 16384 + 32768) 2^{\text{nd power}-4096} * (2 + 7 + 12) 2^{\text{nd power} - 21}$$

$$Fe = ((57344) 2^{\text{nd power} - 4096}) * ((21) 2^{\text{nd power} - 21})$$

$$Fe = 3288330240 * 420$$

$$Fe = 1381098700800$$

The total Energy for the Front End Server is 1381098700800

Because we are applying symmetrical calculations of Equal force the Back end Server uses the same energy as the front end which is 1381098700800

The total Energy used for both the front and back end is 2762197401600

The problem in this area is the following we have utilized a 4-Dimensional cube that is symmetrical and evenly distributed in energy usage along with the fact there are 2 internal networks within the same area but 1 external Environment we will have to write a Equation to calculate the difference in Total Energy using Differential Calculus

The Equation is the following whereas the following is represented

$X = \text{Internal Networks}$

$Y = \text{External Networks}$

$2x^{2\text{nd power}} - y^2$

The $2x$ represents the 2 Internal networks and exponentiated to the 2^{nd} power. The Y represents the external network outside. The Equation for differentiating is the following

The total energy for the front and back end is 2762197401600. The total Energy for a External energy understanding the data has been encapsulated and can only utilize 4096 is 8192

$4x - 2y$

4 * 2762197401600 – 8192

Differentiating is 11048789598208

We can make a few observations of the following

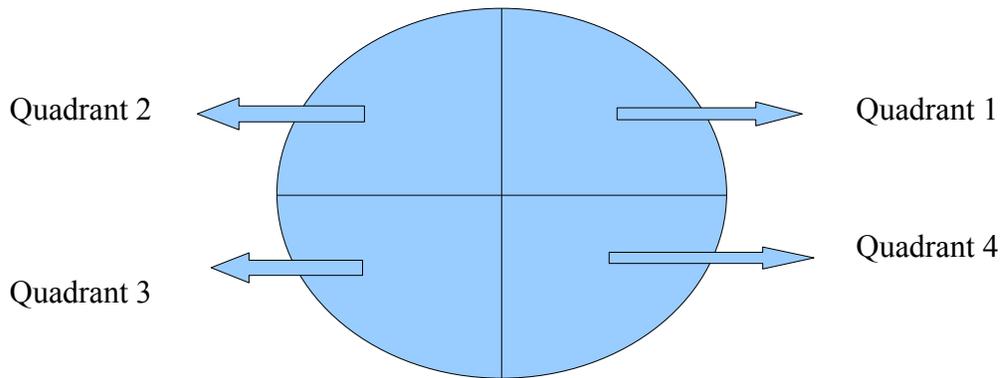
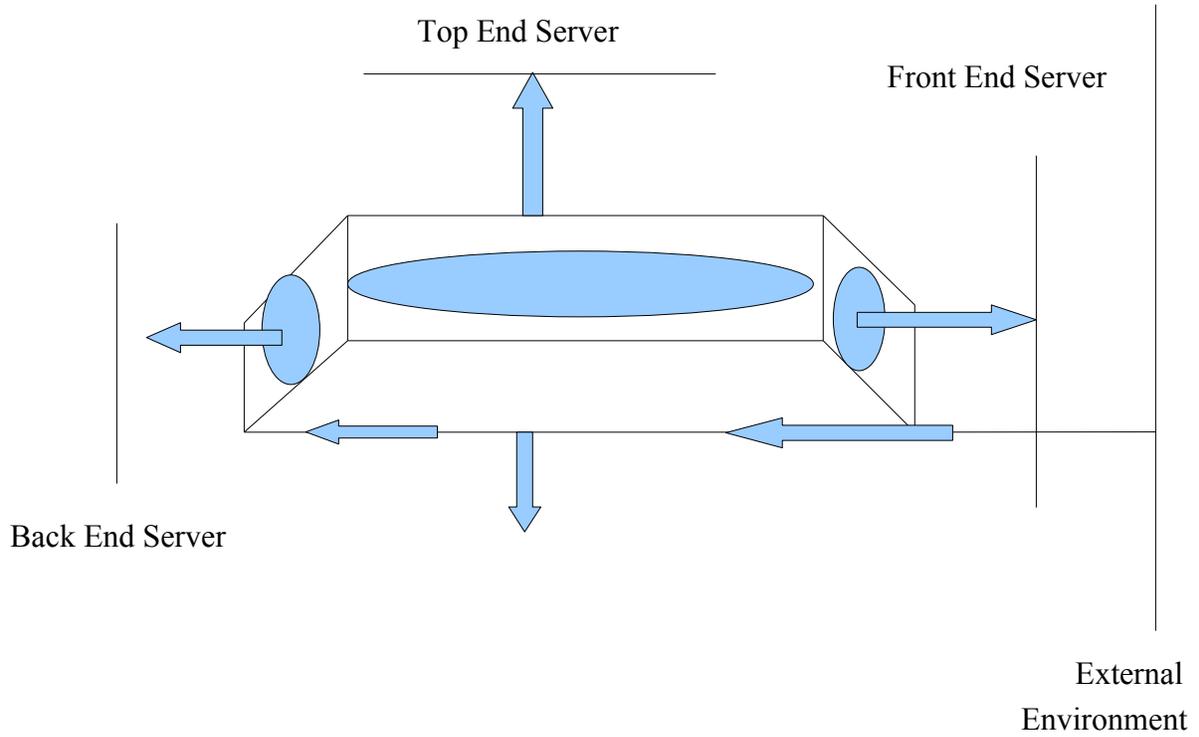
4 dimensional processing utilizing 2 Internal Networks within the same area generate huge amounts of energy that can be hardly comprehended while External Networks outside the area are confined and limited in space when applying symmetrical type Equations. I have attempted to keep my Internal Network free from the External Environment to avoid Data corruption and Integrity thus none of my Internal Networks have any access to Quadrant 4 4096 bit Data Encapsulation. Temporal spatial 4-D shows also the Internal Networks communicate to 1 another back and forth without encumbrances from External Environmental pollution such as Data corruption and Integrity. The amount of energy generated allows the 2 Internal Networks to access the back and front end server thus I have more paths to choose from example is 3 quadrants for the front end and 3 for the back end also 2 points in space thus I have increased my paths to 12 while the 3d cube allowed for only 6 spaces within the cube it is exponentiating symmetrically within the confines of the cube. I will now begin to show in my next part how a Non symmetrical object can be demonstrated.

Dated 02/12/2011

Barry L. Crouse

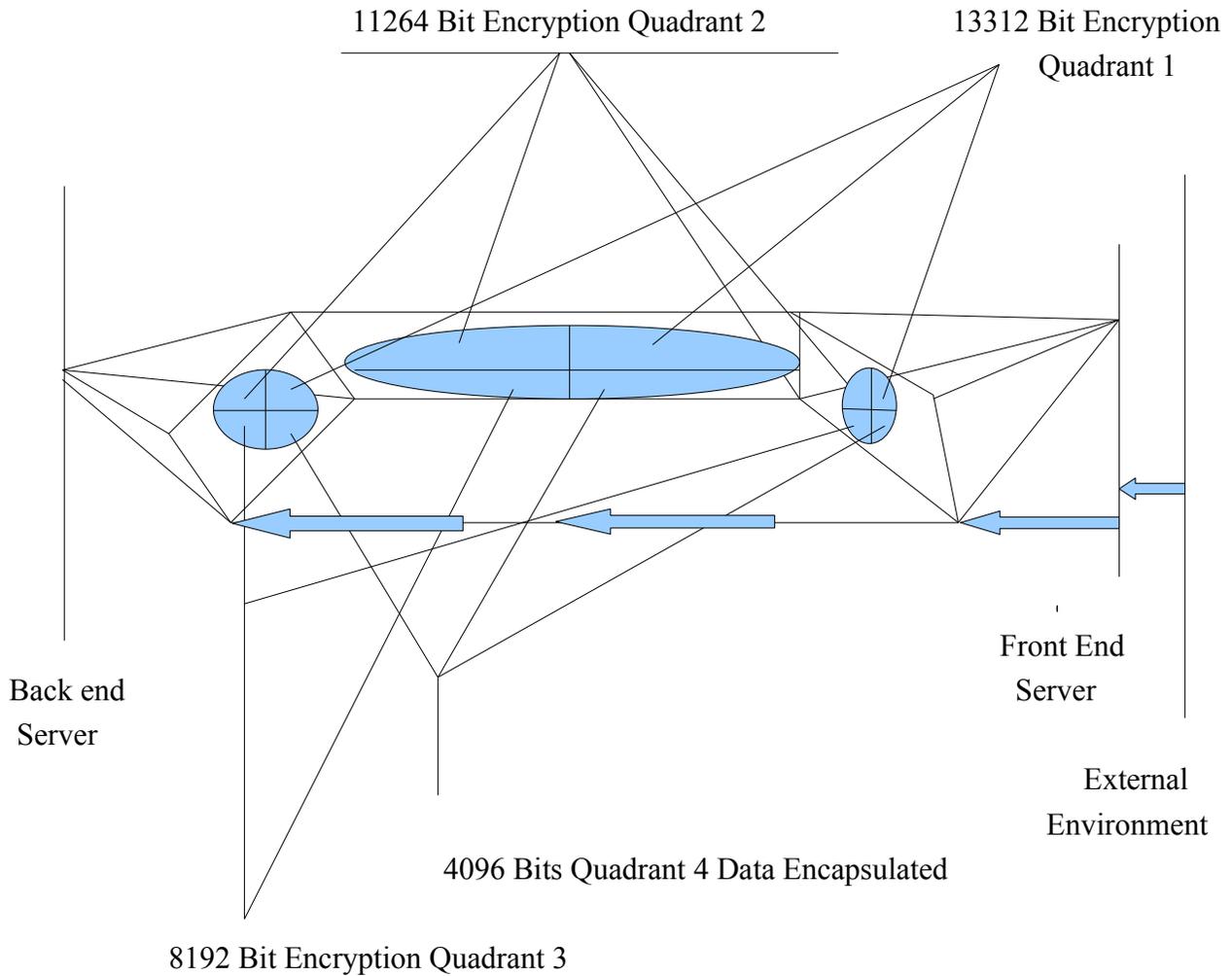
Temporal Spatial 4 dimension Equations

Non- Symmetrical



Temporal Spatial 4 dimension Equations

Non- Symmetrical



Quadrant 1 = 13312 Bit Encryption

Quadrant 2 = 11264 Bit Encryption

Quadrant 3 = 8192 Bit Encryption

Quadrant 4 = 4096 External Network Data Encapsulated No Internal Network Access

We will now begin our calculations keeping in mind the Encryption is non symmetrical and we have 3 internal networks with 3 spaces or access points.

Im = Internal Mass

Em = External Mass

Fe = Front End Server

Be = Back End Server

Te= Top End Server

E = Energy

C2 = Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 8192, 11264, 13312

External Mass encapsulated uses 4096 bits

The Barry equality field Equation is stated using the following ;however, in this instance we are using the following parameters 3 Internal networks with 3 spaces or access points

$$E = (m2-m1)*(c2-c1)$$

The following is used for the Front End Server

$$Fe = (m2-m1) * (c2-c1)$$

$$Fe = (8192+11264+13312)3^{\text{rd}} \text{ power-4096} * (2+7+12)2^{\text{nd}} \text{ power} - 21$$

$$Fe = ((32768)3^{\text{rd}} \text{ power} -4096) * ((21) 2^{\text{nd}} \text{ power} -21)$$

$$Fe = 35184372088832 * 420$$

$$Fe = 14777436277309440$$

The Top and Back End server uses the same Encryption strength so the following is set. Please note our shape utilizes 3 points in space with 3 Internal networks. We are required to exponentiate it to the 3rd power because of just what occurred.

$$Be = 14777436277309440$$

$$TE = 14777436277309440$$

Because we have 3 internal networks we must take the front end total energy and multiply by 3 to account for the Top and Back end server's energy and we arrive at 44332308831928320

The Equation is the following whereas the following is represented

$X = \text{Internal Networks}$

$Y = \text{External Networks}$

$3x^3 - y^3$

The $3x$ represents the 3 Internal networks and exponentiated to the 3rd power. The Y represents the external network outside. The Equation for differentiating is the following

The total energy for the front, top, and back end server is 44332308831928320 The total Energy for a External energy understanding the data has been encapsulated and can only utilize 4096 is 12288

$9x - 3y$

$9 * 44332308831928320 - 12288$

Differentiating is 398990779487342592

We will now make some observations. As we increase the Internal Networks with points in space as well our energy is generated beyond what could be comprehended because we have shown that even though I decreased my bit strength in encryption I still was able to generate more energy in comparison to my symmetrical cube because of more paths for a Internal network to choose in this instance 3 points in space with 3 networks this shows a Random Dynamic environment with no set rule or confined space such as a external network. The key to understanding the calculations is not the external confined space or the encryption strength but the Internal networks having the ability to traverse different points in space choosing what path to take while the external network must be confined due to the data packet corruption or integrity questioned ;therefore, it has to remain isolated and confined in limited space.

I will now begin the next part taking calculations from the Symmetrical and Non Symmetrical shapes and attempt to differentiate the 2 areas in the next part.

Dated 02/13/2011

Barry L. Crouse

Calculations using 4-D Symmetrical and Non Symmetrical

By

Barry L. Crouse

Today is 02/15/2011 University Place, Washington. I will now attempt to take the information in part 1 and 2 taking the 4-D Symmetrical cube and 4-D Non Symmetrical Shape and create a difference in Energy using a new equation to arrive at a solution also before we begin we must take the data shown in part 1 and 2 to begin. Please also note we are dealing with Internal masses ;therefore, I cannot use Classic Quantum Mechanics because of it's dependency's of origins and distances which are not exactly true in a sub element environment.

4 – D Symmetrical Cube

Front End = 1381098700800

Back End = 1381098700800

Total Energy = 2762197401600

Differentiating = 11048789598208

Total Number of Internal Networks = 2

Internal Network Bit Strength = 8192, 16384, 32768

External Network Bit Strength = 4096

Link Speeds = 2, 7, 12

4 – D Non- Symmetrical Shape

Front End = 14777436277309440

Back End = 14777436277309440

Top End = 14777436277309440

Total Energy = 44332308831928320

Differentiating = 398990779487342592

Total Number of Internal Networks = 3

Internal Network Bit Strength = 8192, 11264, 13312

External Network Bit Strength = 4096

Link Speeds = 2, 7, 12

Total Energy for 4-D cube = 2762197401600

Total Energy for 4-D non symmetrical shape = 44332308831928320

X = Total Energy used for 4-D Symmetrical cube

Y = Total Energy used for 4-D Non Symmetrical shape

We will first begin by applying the Barry equality Field Equation and then creating a mean average for link speed exponentiating it to the 2nd power

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The 1st step is to take the 2 mass areas of X Front End and back End Server and then using a mean average for link speed show speed is increasing exponentiating and then subtract the sum of the total speed

$$X = ((2762197401600)2^{\text{nd power}} - 2762197401600) * ((2+7+12/3)2^{\text{nd power}}) - (2+7+12)$$

$$X = 7629734485403029485158400 * (2+7+12)/3 \text{ 2}^{\text{nd}} \text{ power } -(2+7+12)$$

$$X = 7629734485403029485158400 * 28$$

$$X = 213632565591284825584435200$$

$$Y = ((44332308831928320) \text{ 2}^{\text{nd}} \text{ power } -44332308831928320) * 28$$

$$Y = 5.5029900978345151042731142010634e+34$$

We will now create an equation for differentiating the difference of energy between X and Y Total Energy.

Differentiated Area of energy = $3y-2x$ This shows different areas Non Symmetrical and symmetrical shapes plus points in space along with Internal networks. The Equation I suggest for 4-D mechanics is derived from the Barry equality field Equation it is the Barry Berm convention Equality equation

$$\text{Area of Energy} = (3 * 5.5029900978345151042731142010634e+34) - 2 * 213632565591284825584435200$$

$$1.650897029350354531281934260319e+35 - 427265131182569651168870400$$

Differences of Energy Areas = 1.6508970250777032194562377486303e+35

$$Y = 1.650897029350354531281934260319e+35$$
$$\text{Differences of Area} = 1.6508970250777032194562377486303e+35$$

The number is very discreet and subtle when evaluating it the energy from the area of energy verses the Y variable changes after the 9th digit when comparing a Non Symmetrical shape verses the overall energy of areas. This is commonly referred to discreet energy. I would like to indicate in Non-Symmetrical equations we had 3 space's for the 3 Internal Networks and our number changed at the 9th digit.

This completes our studies on 4 D symmetrical and Non symmetrical shapes. We will attempt to create a theory in the near future where Internal energy shows as we increase the number of points in space and Internal Networks it exponentiates according to the dynamics of the mass. We have shown that bit encryption exponentiates according to the number of points in space and Internal Networks not on total bit strength within a quadrant.

Dated 02/15/2011

Barry L. Crouse

Temporal Spatial Equations 6-D

Chapter 5

By

Barry L. Crouse

Temporal Spatial 6-D Equations

By

Barry L. Crouse

Thank you for taking the time to view this scientific work. This paper deals with 6 Dimensional and 6 sided shapes. I show a 6 dimensional cube and than utilize a 6 sided Hexagon shape to expand time and space. The calculations in the 6 sided shape show how external environments can constrict and than I show how a Internal Network with 6 Area's of space can exponentiate energy beyond what our Universe can handle and why the laws of nature prevent this from happening.

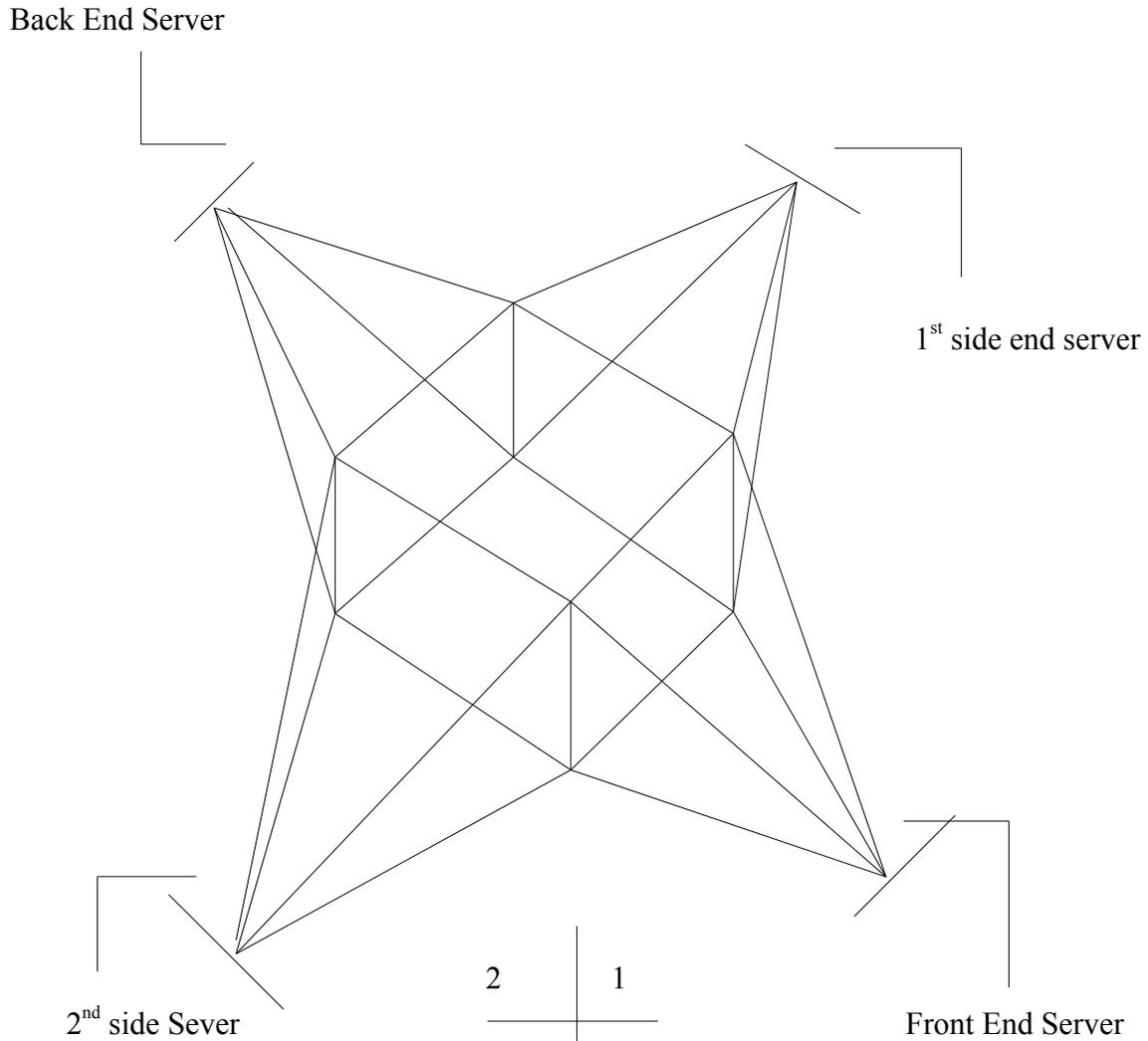
Table of Contents

- Part 1** **Temporal Spatial 6 -D Cube with 4 -D Planes**
- Part 2** **6 point Hexagon shape with 2 dimensional side**
- Part 3** **6- Dimensional Hexagon with 6 Dimensional side**

Temporal Spatial 6 -D Cube with 4 -D Planes

Symmetrical Bits

Full View

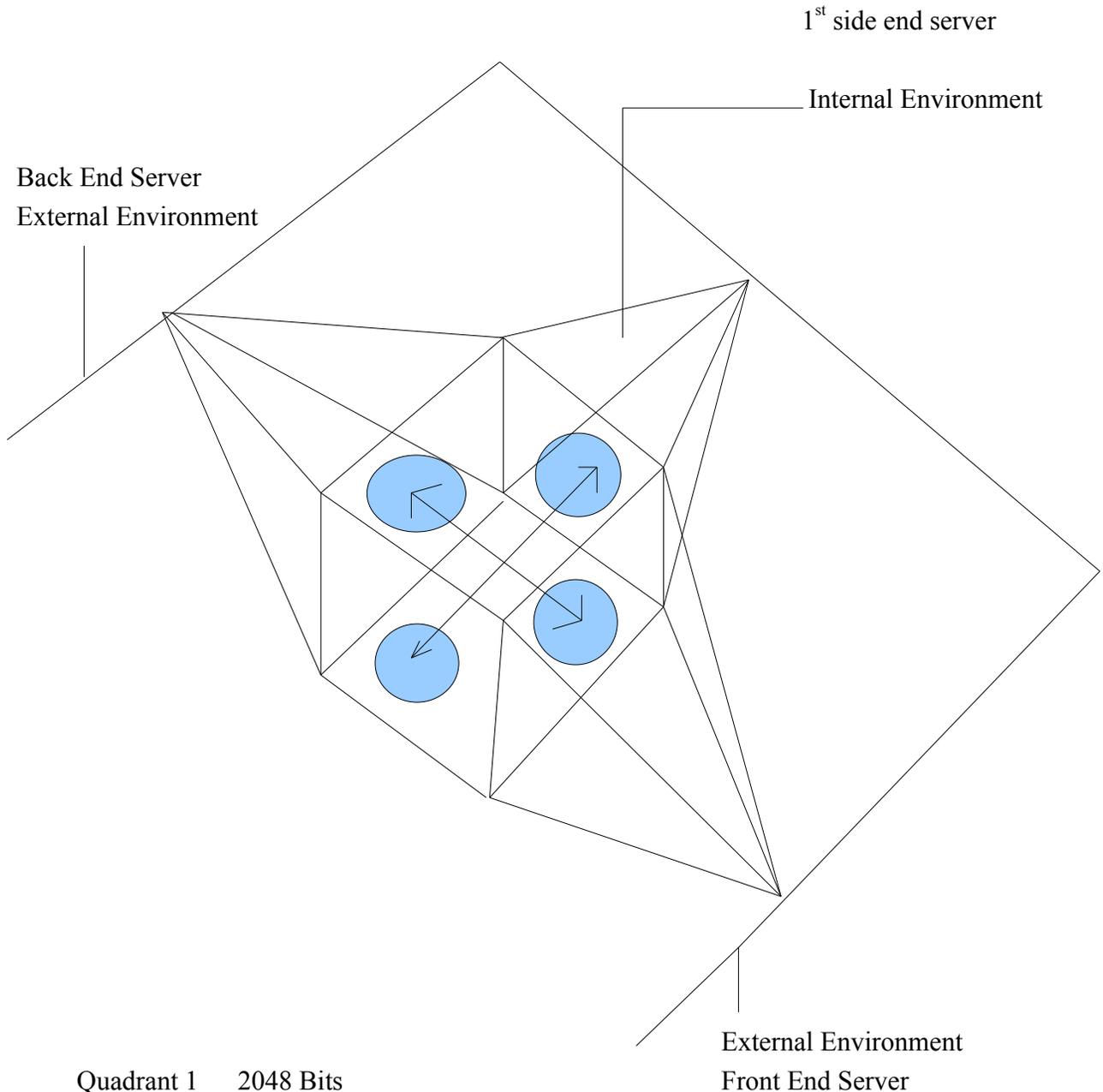


Quadrant -1	2048 bits
Quadrant -2	4096 bits
Quadrant -3	6144 bits
Quadrant- 4	8192 bits

Data Encapsulated No Access

Temporal Spatial 6-d Cube with 4-d planes

Front View



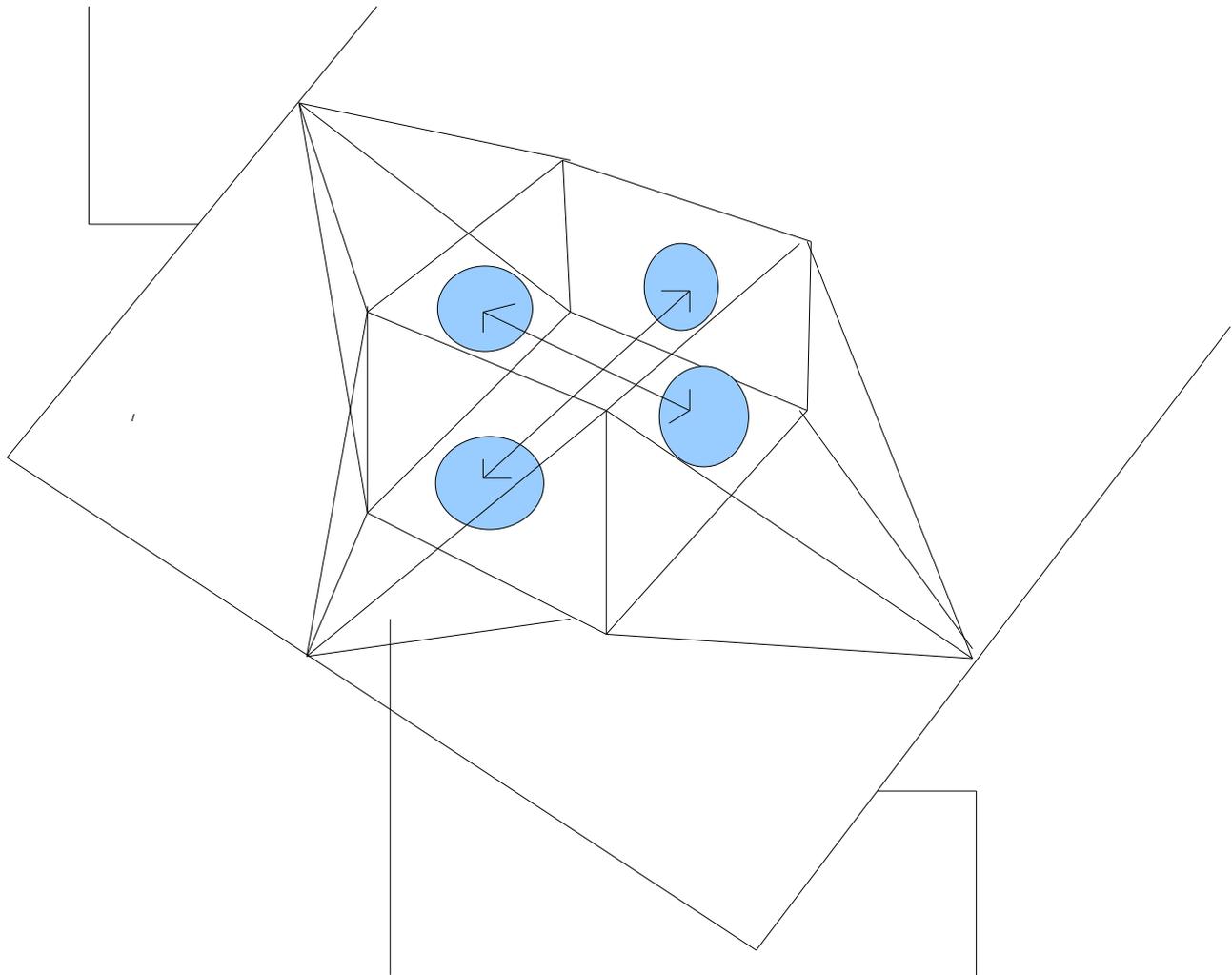
- Quadrant 1 2048 Bits
- Quadrant 2 4096 Bits
- Quadrant 3 6144 Bits
- Quadrant 4 8192 Bits

Data Encapsulated No Access

Temporal Spatial equation 6-D cube with 4-d planes

Back View

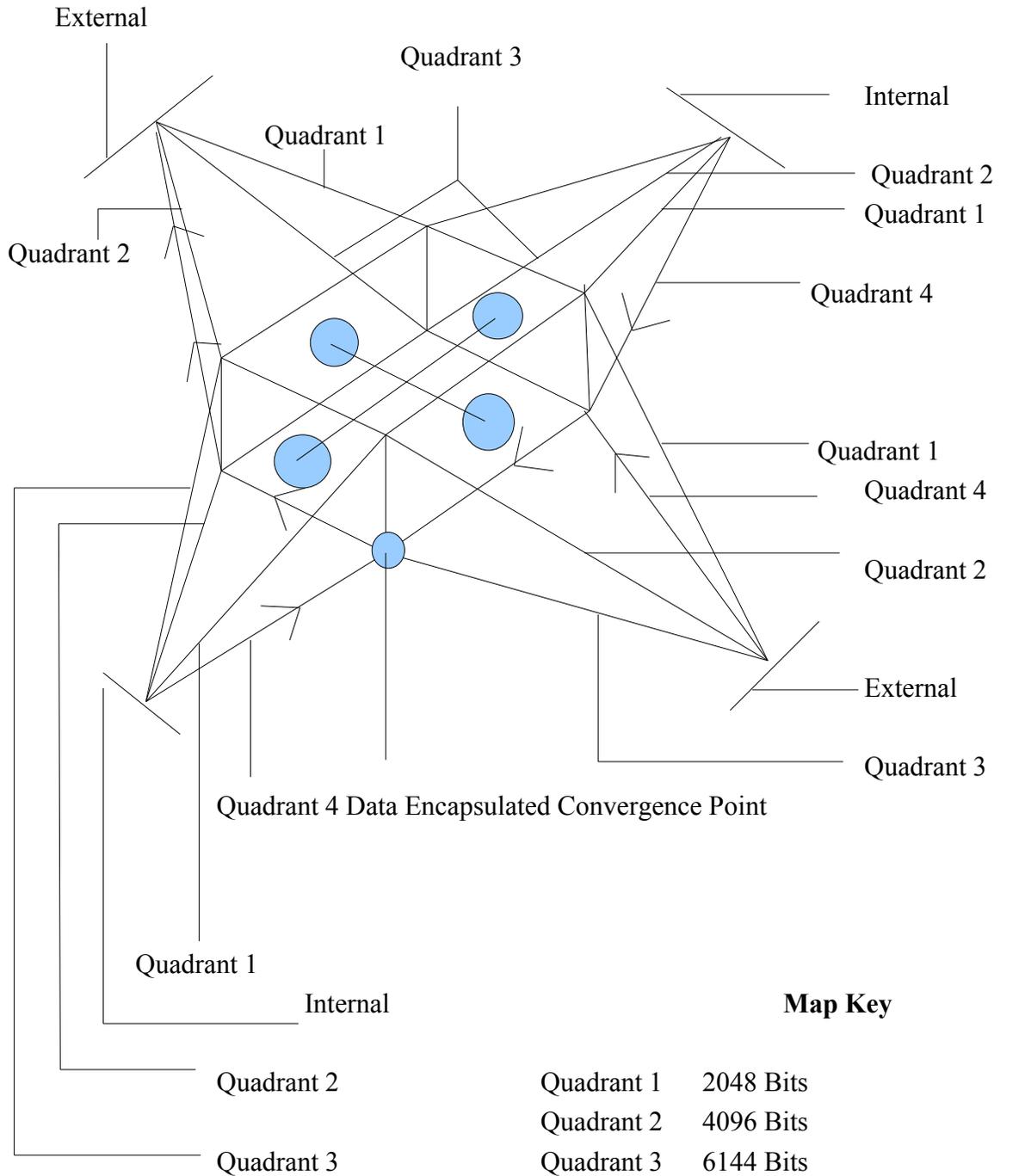
Back End Server
External Environment



Internal Environment
2nd side end server

External Environment
Front End Server

Temporal Spatial 6 -D Cube with 4 -D Planes



We will now begin our calculations keeping in mind the Encryption is symmetrical and each quadrant increases by 2048 bits also we have 4 internal networks with 4 points in space on a 6 dimensional cube.

$I_m =$ Internal Mass

$E_m =$ External Mass

$F_e =$ Front End Server

$B_e =$ Back End Server

$1_{se} =$ Side End Server

$2_{se} =$ Side End Server

$E =$ Energy

$C_2 =$ Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 2048,4096,6144

External Mass encapsulated uses 8192

The Barry equality field Equation is stated using the following ;however, in this instance we are using the following parameters 4 Internal networks with 4 points in space on one 6 Dimensional Cube.

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The following is used for the Front End Server

$$Fe = (m_2 - m_1) * (c_2 - c_1)$$

$$Fe = (2048 + 4096 + 6144) 4^{\text{th}} \text{ power} - 8192 * (2 + 7 + 12) 2^{\text{nd}} \text{ power} - 21$$

$$Fe = ((12288) 4^{\text{th}} \text{ power} - 8192) * ((21) 2^{\text{nd}} \text{ power} - 21)$$

$$Fe = 22799473113554944 * 420$$

$$Fe = 9575778707693076480$$

The Back End. 1st side sever and the 2nd side server uses the same Encryption strength so the following is set. Please note our shape utilizes 4 points in space with 4 Internal networks. We are required to exponentiate it to the 4th power because of just what occurred.

$$Be = 9575778707693076480$$

$$1Se = 9575778707693076480$$

$$2Se = 9575778707693076480$$

Because we have 4 internal networks we must take the front end total energy of 9575778707693076480 and multiply by 4 to account for the Back end and the 2 side server's energy and we arrive at 38303114830772305920

The Equation is the following whereas the following is represented

X = Internal Networks

Y = External Networks

$$4x^4 - y^4$$

The $4x$ represents the 4 Internal networks and exponentiated to the 4th power. The Y represents the external network outside. The Equation for differentiating is the following

The total energy for the front,back and 2 side server's is 38303114830772305920 The total Energy for a External energy understanding the data has been encapsulated and can only utilize 8192 is 32768

$$16x - 4y$$

$$16 * 38303114830772305920 - 32768$$

Differentiating the Total Energy Area is is 612849837292356861952

We will now make some observations in regards to 6- Dimensional cube's with very strict symmetry and 4 dimensional planes. If you will please observe the charts specifically Front and Back View, We find that both the External and Internal Environments are binded by space and time. We can further observe that space and time are exponentiating as shown but both energy's Internal and External are bounded within the confines of 4 dimensional spacing. We can further observe Internal and External Energy have demarcation lines or boundary's where they can either decay or regenerate example External Energy can be regenerated into Internal energy while Internal Energy has the choice to remain within it's confines or bind itself to the External Environment choosing a decay process through a Intelligent choice. As you can see we have expanded points in space

along with Internal networks thus we are creating more choices for energy to choose based on Intelligent choices in the computer field we use to call this a metric or best open path choice this is the same principle. We will now goto the next part using a hexagon shape 6 point shape converging on a single point of space.

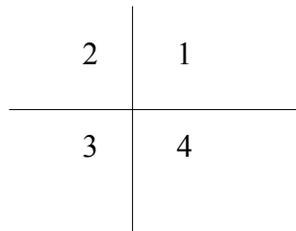
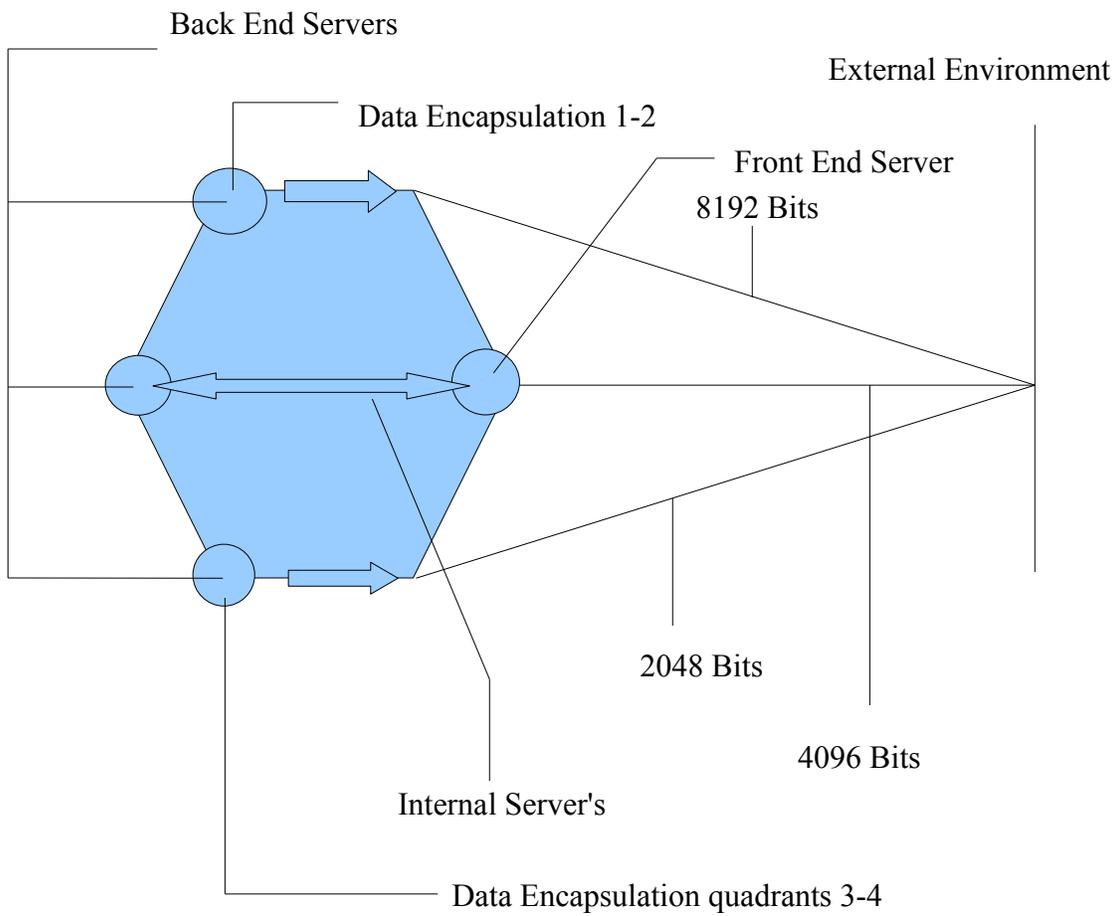
Date 02/24/2011

Barry L. Crouse

6 point Hexagon shape with 2 dimensional side

Part 2

Full View



Data Encapsulated 1-4
Internal Networks on boundary lines

We will now begin our calculations keeping in mind the Encryption is symmetrical and we have 2 internal networks with 1 spaces or access point also interesting we have Internal Networks that are not in any quadrants or space this follows the process of Intelligent choice

$I_m =$ Internal Mass

$E_m =$ External Mass

$I_e =$ Internal Server's

$F_e =$ Front End Server

$B_e =$ Back End Server's

$E =$ Energy

$C_2 =$ Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 4096

External Mass encapsulated uses 2048, 8192

The Barry equality field Equation is stated using the following ;however, in this instance we are using the following parameters 2 Internal networks with 1 space or access points.

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The following is used for the Front End Server

$$Fe = (m_2 - m_1) * (c_2 - c_1)$$

$$Fe = (4096)2^{nd} \text{ power} - (2048 + 8192) * (2 + 7 + 12)2^{nd} \text{ power} - 21$$

$$Fe = 16777216 - (2048 + 8192) * ((21) 2^{nd} \text{ power} - 21)$$

$$Fe = (16777216 - 10240) * 420$$

$$Fe = 16766976 * 420$$

$$Fe = 7042129920$$

Because the back end servers have 3 points 1 Internal server and 2 external servers that utilize the Data Encapsulation. The Internal server is limited in choice because data encapsulation is utilizing all quadrants and the Internal server in this instance chooses to keep itself confined in space thus it utilizes 4096 bits as the only choice ;therefore, it is regenerating energy within the total of 2 Internal Networks then the Front End Server calculations are the same as the Back end servers 7042129920.

The Internal Server cannot access any quadrants or space thus the Barry Equality Field equation that subtracts from external masses and must be modified in this instance.

$$E = (m_2 - m_1) * (c_2 - c_1)$$

$$E = (4096) 2^{\text{nd}} \text{ power} * 420$$

$$E = 2031616 * 420$$

$$E = 85327872$$

We will now differentiate the area's of External and Internal mass. Our diagram shows 2 external masses of data encapsulation and 2 internal masses so we will assign the following variables.

$$X = \text{Internal Mass}$$

Y = External Mass

2X – 2Y if the difference of areas in Calculus and the # of masses for Internal and External

Total Difference of Energy Areas = 2* 85327872 – 2*7042129920

Total Difference of Energy Area's = 170655744-14084259840 =-13913604096

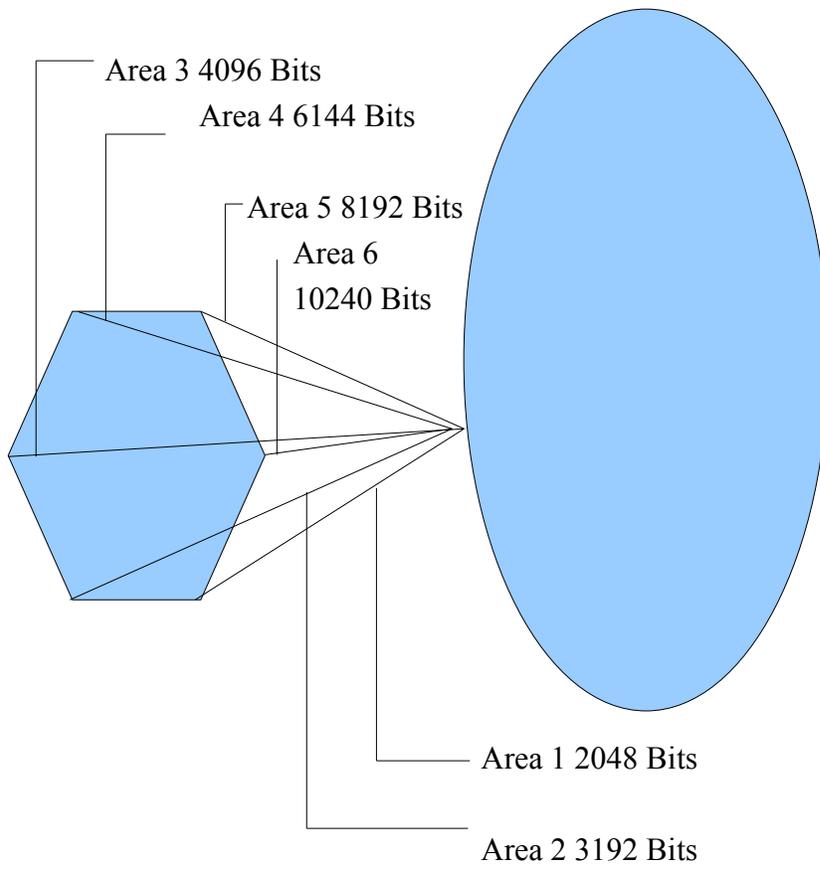
As you can see, We have a Negative number because our External Energy is showing a decay process occurring rapidly. Internal Energy choose to limit it's space and confine itself therefore it cannot assist the external events this is similar to a star exploding. We also know we are not generating enough Internal energy to keep the event from going through a decay process as well.

We will now proceed to part 3 showing a 6 point hexagon expanding space instead of space converging on 1 point.

6- Dimensional Hexagon with 6 Dimensional side

Part 3

Full View



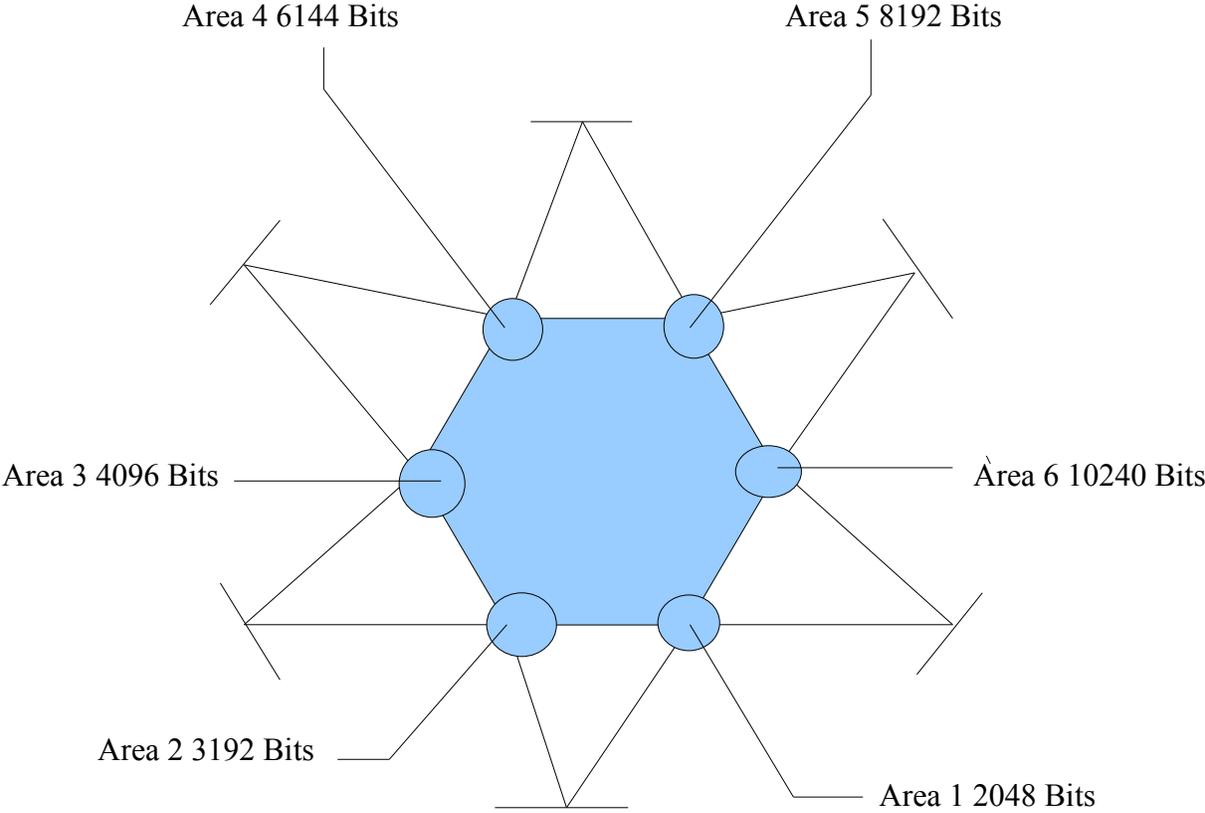
Map Key

Area 1 =	2048 Bits	}	No Data Encapsulation
Area 2 =	3192 Bits		
Area 3 =	4096 Bits		
Area 4 =	6144 Bits		
Area 5 =	8192 Bits		
Area 6 =	10240 Bits		

6 Dimensional Hexagon with 6 Internal Networks

Full View

No External Mass or Data Encapsulations



Map Key

Area 1 =	2048 Bits	} No Data Encapsulation
Area 2 =	3192 Bits	
Area 3 =	4096 Bits	
Area 4 =	6144 Bits	
Area 5 =	8192 Bits	
Area 6 =	10240 Bits	

We will now begin our calculations with the following there are no external mass or Data Encapsulations . The total number of Internal Mass or Networks is 6 and because we are no longer utilizing 4 points in space or quadrants we will have to use area's of space occupied which is 6.

Im = Internal Mass

Area 1 = 2048 Bits
Area 2= 3192 Bits
Area 3= 4096 Bit
Area 4= 6144 Bits
Area 5= 8192 Bits
Area 6= 10240 Bits

A1 = Area 1 energy

A2 = Area 2 energy

A3 =Area 3 energy

A4 = Area 4 energy

A5 =Area 5 energy

A6 =Area6 energy

C2 = Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 2048, 3192, 4096, 6144, 8192,10240

The Barry equality field Equation is stated using the following ;however, in this instance we are using the following parameters 6 Internal networks with 6 Areas of space

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The following is used for the Front End Server

$$\text{Area Energy} = (m_2 - m_1) * (c_2 - c_1)$$

$$\text{Area Energy} = (2048 + 3192 + 4096 + 6144 + 8192 + 10240) 6^{\text{th power}} * (2 + 7 + 12) 2^{\text{nd power}} - 21$$

$$\text{Area Energy} = (33912) 6^{\text{th power}} * ((21) 2^{\text{nd power}} - 21)$$

$$\text{Area Energy} = 1520969206265045885533814784 * 420$$

$$\text{Area Energy} = 1520969206265045885533814784 * 420$$

$$\text{Area Energy} = 638807066631319271924202209280$$

As you can see the amount of Internal Energy generated is vastly great too put it mildly. This amount of Internal Energy is similar to a star in it's infant stages. There are no external influences that are binding the Internal Environment basically the only thing that is keeping it in check is the rate of speed imagine if Internal energy was not binded to speed and passed through the 2nd dimension allowing it to excel 2 times the speed of light no matter keeping it in check or binded. The energy generated would be beyond our comprehension

We will now differentiate the area's of External and Internal mass. Our diagram shows 6 Internal networks with no external masses and 6 area's of space occupied

$$X = \text{Internal Mass}$$

$$Y = \text{External Mass}$$

We will now differentiate the area's of the Internal and External masses $6X - 0$.

Total Difference of Energy Areas = $6 * 638807066631319271924202209280 - 0$

Total Difference of Energy Area's = 3832842399787915631545213255680

In conclusion we have expanded our space by 6 points and have shown with no external environment influences we can generate vast amount's of energy with the note that in this universe the speed of light keeps Internal Energy from creating more than what the External or our Universe can handle thus speed binds Internal Energy and keeps it in check and we have the laws of nature in full balance ;however, if Internal Energy chooses not to be binded to this universe it passes through a different dimension thus it exceeds the speed of light allowing it to generate greater sums of energy in the 2nd dimension that greatly exceeds our own universe which could not handle it thus Internal Energy through Intelligent choice either obeys the laws of our universe or chooses to regenerate into the 2nd dimension and creates greater sums of energy than our universe can handle.

We will now go over the 6 sided shape Hexagon differentiating the area's of Internal mass in the next part.

Calculations using 6 sided Hexagon 2D – 6d models

By

Barry L. Crouse

Today is 03/05/2011 University Place, Washington. I will now attempt to take the information regarding the Hexagon Shape in part 2 and 3 taking the Hexagon 2-D and 6-D model using a new equation to arrive at a solution also before we begin we must take the data shown in part 2 and 3 to begin. Please also note we are dealing with Internal masses ;therefore, I cannot use Classic Quantum Mechanics because of it's dependency's of origins and distances which are not exactly true in a sub element environment.

6 sided Hexagon 2D model

Im = Internal Mass

Em = External Mass

Ie = Internal Server's

Fe= Front End Server

Be = Back End Server's

E = Energy

C2 = Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 4096

External Mass encapsulated uses 2048, 8192

The Barry equality field Equation is stated using the following ;however, in this instance we are using the following parameters 2 Internal networks with 1 space or access points.

$$E = (m2-m1)*(c2-c1)$$

The following is used for the Front End Server

$$Fe = (m2-m1) * (c2-c1)$$

$$Fe = (4096)2^{nd} \text{ power} - (2048+8192) * (2+7+12)2^{nd} \text{ power} - 21$$

$$Fe = 16777216 - (2048+8192) * ((21) 2^{nd} \text{ power} - 21)$$

$$Fe = (16777216 - 10240) * 420$$

$$Fe = 16766976 * 420$$

$$Fe = 7042129920$$

Because the back end servers have 3 points 1 Internal server and 2 external servers that utilize the Data Encapsulation. The Internal server is limited in choice because data encapsulation is utilizing all quadrants and the Internal server in this instance chooses to keep itself confined in space thus it utilizes 4096 bits as the only choice ;therefore, it is regenerating energy within the total of 2 Internal Networks then the Front End Server calculations are the same as the Back end servers 7042129920.

The Internal Server cannot access any quadrants or space thus the Barry Equality Field equation that subtracts from external masses and must be modified in this instance.

$$E = (m2 - m1) * (c2 - c1)$$

$$E = (4096) 2^{\text{nd}} \text{ power} * 420$$

$$E = 2031616 * 420$$

$$E = 85327872$$

We will now differentiate the area's of External and Internal mass. Our diagram shows 2 external masses of data encapsulation and 2 internal masses so we will assign the following variables.

X = Internal Mass

Y = External Mass

2X – 2Y if the difference of areas in Calculus and the # of masses for Internal and External

Total Difference of Energy Areas = $2 * 85327872 - 2 * 7042129920$

Total Difference of Energy Area's = $170655744 - 14084259840 = -13913604096$

This is a basic review of our calculations on 6 sided hexagons utilizing 2 dimensions

6 sided Hexagon 6 Dimensional Model

Im = Internal Mass

Area 1 = 2048 Bits

Area 2= 3192 Bits

Area 3= 4096 Bit

Area 4= 6144 Bits

Area 5= 8192 Bits

Area 6= 10240 Bits

A1 = Area 1 energy

A2 = Area 2 energy

A3 =Area 3 energy

A4 = Area 4 energy

A5 =Area 5 energy

A6 =Area6 energy

C2 = Link rate

Link Rates are the following speeds 2 , 7, 12

Bits representing mass strength

Internal Mass uses the following 2048, 3192, 4096, 6144, 8192,10240

The Barry equality field Equation is stated using the following ;however, in this instance we are using the following parameters 6 Internal networks with 6 Areas of space

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The following is used for the Front End Server

$$\text{Area Energy} = (m_2 - m_1) * (c_2 - c_1)$$

$$\text{Area Energy} = (2048 + 3192 + 4096 + 6144 + 8192 + 10240) 6^{\text{th}} \text{ power} * (2 + 7 + 12) 2^{\text{nd}} \text{ power} - 21$$

$$\text{Area Energy} = (33912) 6^{\text{th}} \text{ power} * ((21) 2^{\text{nd}} \text{ power} - 21)$$

$$\text{Area Energy} = 1520969206265045885533814784 * 420$$

$$\text{Area Energy} = 1520969206265045885533814784 * 420$$

$$\text{Area Energy} = 638807066631319271924202209280$$

As you can see the amount of Internal Energy generated is vastly great too put it mildly. This amount of Internal Energy is similar to a star in its infant stages. There are no external influences that are binding the Internal Environment basically the only thing that is keeping it in check is the rate of speed imagine if Internal energy was not binded to speed and passed through the 2nd dimension allowing it to excel 2 times the speed of light no matter keeping it in check or binded. The energy generated would be beyond our comprehension

We will now differentiate the area's of External and Internal mass. Our diagram shows 6 Internal networks with no external masses and 6 area's of space occupied

X = Internal Mass

Y = External Mass

We will now differentiate the area's of the Internal and External masses $6X - 0$.

Total Difference of Energy Areas = $6 * 638807066631319271924202209280 - 0$

Total Difference of Energy Area's = 3832842399787915631545213255680

This is a review of the 6 sided Hexagon utilizing 6 dimensions. We will now take calculate the Hexagon in 2 and 6 dimensions differentiating the amounts of Energy generated. We will now access the Barry Berm convention Equality equation

Link Speeds = 2 , 7, 12

Total Energy for 6 sided Hexagon 2-D model = -13913604096

Total Energy for 6 sided Hexagon 6-D model = 3832842399787915631545213255680

X = Total Energy used for 6 sided Hexagon 2D model

Y = Total Energy used for 6 sided Hexagon 6D model

We will first begin by applying the Barry equality Field Equation and than creating a mean average for link speed exponentiating it to the 2nd power

$$E = (m_2 - m_1) * (c_2 - c_1)$$

The 1st step is to take the number of Internal mass areas of X and Y and then using a mean average for link speed show speed is increasing exponentiating and then subtract the sum of the total speed

$$X = ((-13913604096)2^{\text{nd power}} - -13913604096) * ((2+7+12/3)2^{\text{nd power}}) - (2+7+12)$$

$$X = 193588378954141581312 * (2+7+12/3)2^{\text{nd power}} - (2+7+12)$$

$$X = 193588378954141581312 * 28$$

$$X = 5420474610715964276736$$

$$Y = ((3832842399787915631545213255680)2^{\text{nd power}} - 3832842399787915631545213255680) * 28$$

$$Y = 4.1133906412513566625297860329258e+62$$

We will now create an equation for differentiating the difference of energy between X and Y Total Energy.

Differentiated Area of energy = $6y-2x$ This shows different areas of Internal mass. The Equation I suggest for 6-D mechanics is derived from the Barry equality field Equation it is the Barry Berm convention Equality equation

$$\text{Area of Energy} = (6 * 4.1133906412513566625297860329258e+62) - (2 * 5420474610715964276736)$$

$$4.1133906412513566625297860329258e+62 - 10840949221431928553472$$

$$\text{Differences of Energy Areas} = 4.113390641251356662529786032925e+62$$

Y	=	4.1133906412513566625297860329258e+62
Total Of Energy Area's	=	4.113390641251356662529786032925e+62

The number is very discreet and subtle when evaluating it the energy from the total area of energy verses the Y variable changes after the 31th digit when comparing a 6 sided 6-d Hexagon shape verses the overall energy of areas. This is commonly referred to as discreet energy. I would like to indicate in Hexagon 6 sided 6-D equations we had 6 space's for the 6 Internal Networks and our number changed at the 31th digit.

This completes our studies regarding 6 sided shapes I have shown a discreet change in Internal energy as areas of space are increased. The last time using this equation in our 4-D model showed the 9th digit changed when comparing Internal Y networks versus es total overall energy.

Dated 03/05/2011

Barry L. Crouse

Temporal Spatial Equations

Chapter 6

By

Barry L. Crouse

Temporal Spatial 8-D Equations

Chapter 6

By

Barry L. Crouse

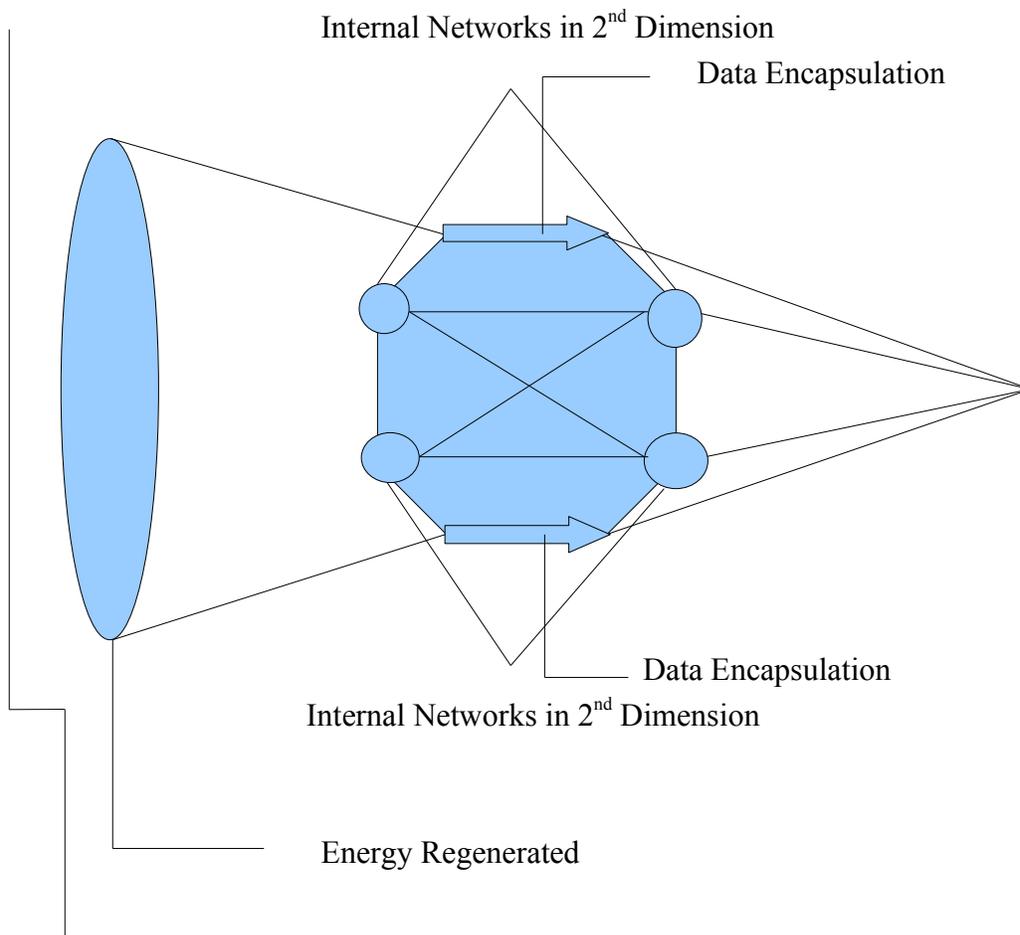
Introduction

I would like to thank each and everyone of you for taking the time reading this scientific work. The material takes from the last work I had written Temporal Spatial equations 6-d and expanding the work with the following concepts:

1. Bits can be exponentiated beyond what a Universe or Network can handle
- 2). The unit of measurement is from Bits to voltage because number comprehension in a 2nd Dimension and 8 sided shape would be beyond what we are able to grasp and it provides further support for a Sub- Physical layer I had proposed 2-3 years ago.
- 3). As shown in a previous copyright Rotating Black hole and other copyrights, Energy goes through a Regeneration and decay process along with Time and space constraints. I build a equation that measures 2nd dimension Energy that simultaneously goes through a decay and regeneration process as well with a practical application for IT architecture.
- 4). The usage of gateways provides a dual meaning through language translators for communication and Astro-Physics principles.
- 5). Once again thank you for reading this scientific work

Temporal Spatial Equations 8 shaped design in 2nd Dimension

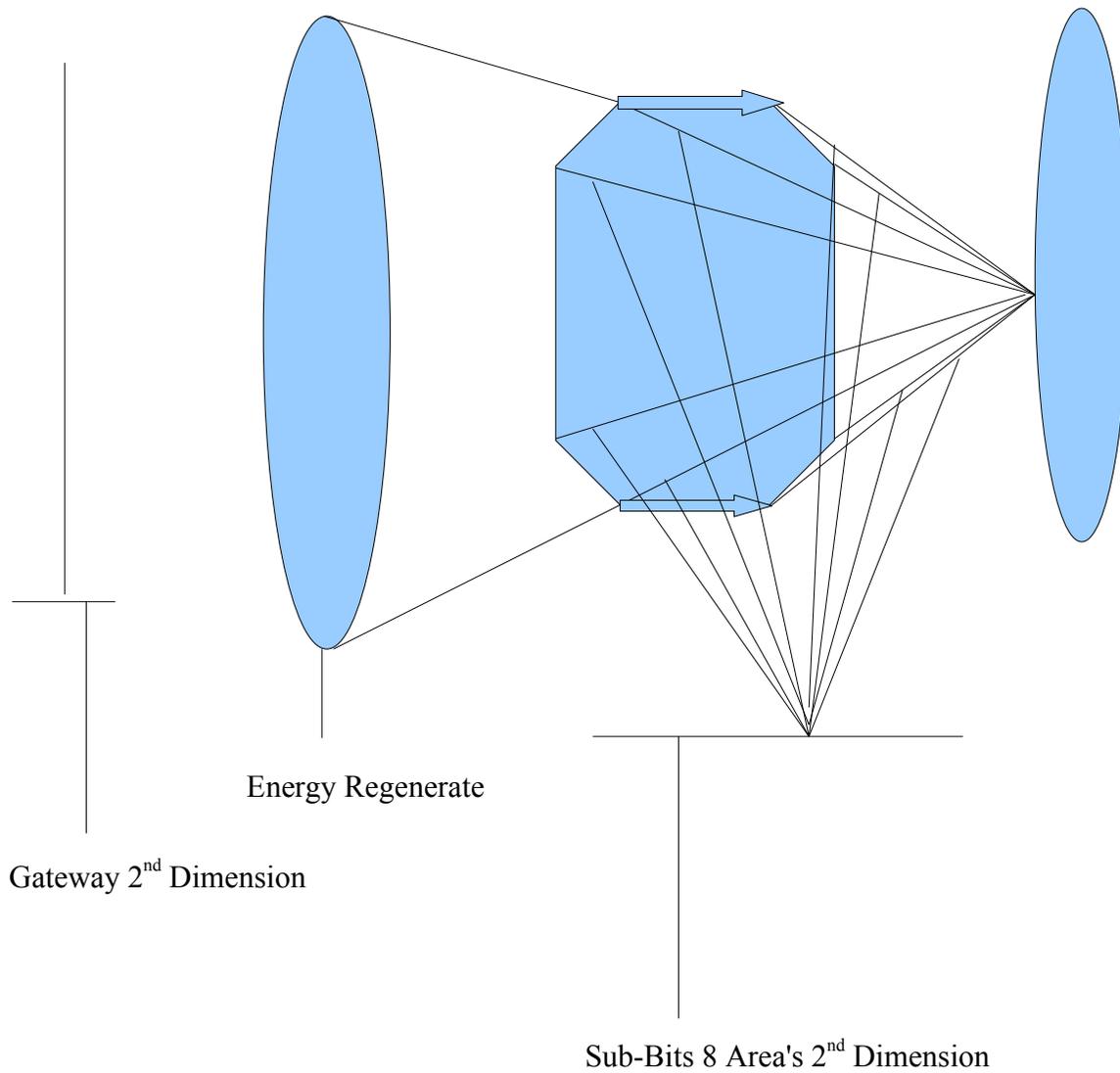
Front View



Gateway to another Dimension

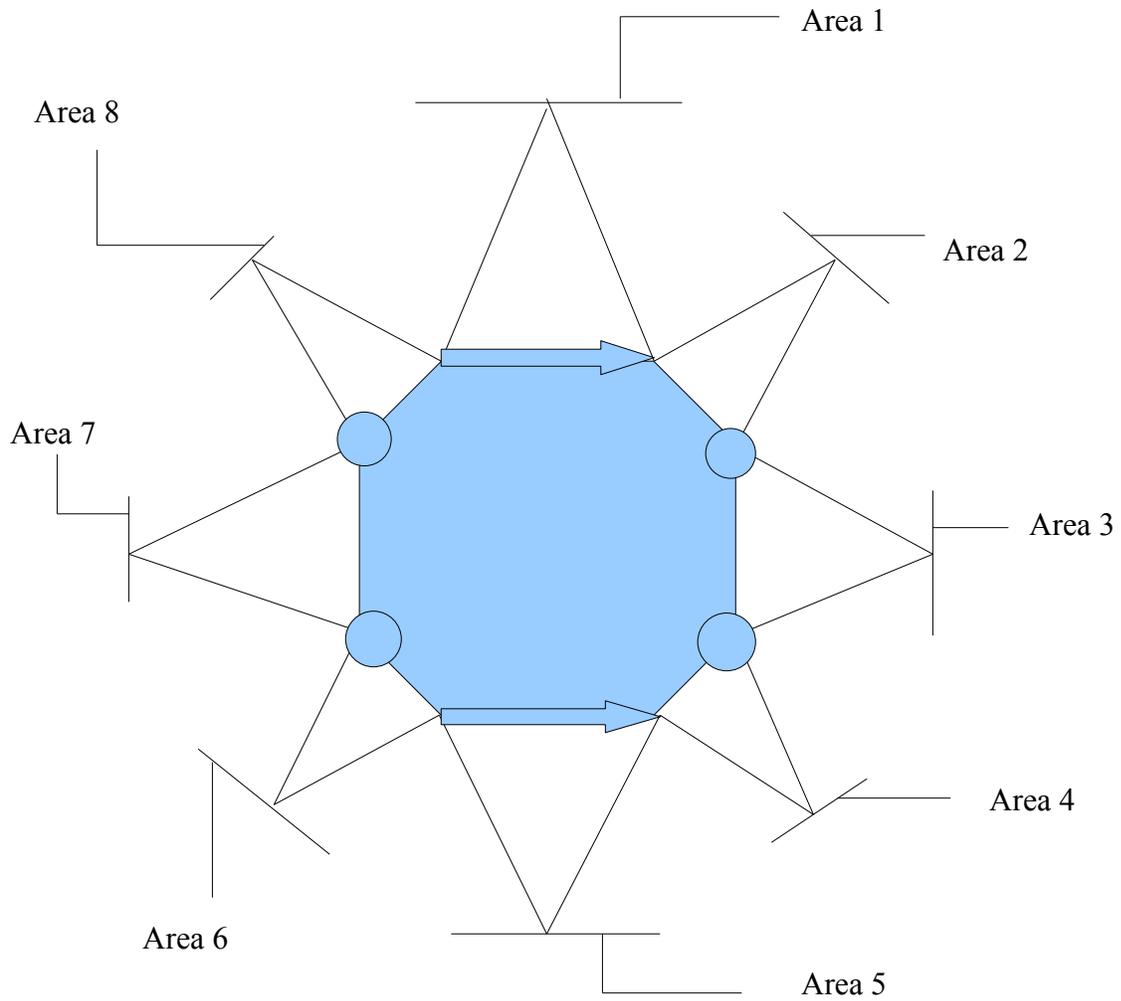
Temporal Spatial Equation 8 Shaped Design

Full View



Temporal Spatial 8-D Equations

8 Area's of Space



4 Internal Area's of Space Exponentiated based on dimension
4 External Area's of Space Square Root for decrease in Energy

Sub Bits Converted into Voltage positive and Negative Charges

2nd Dimension Energy Equation and Voltage /Bit Chart

Variables

D1 = 1st Dimension

D2 = 2nd Dimension

E = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

Please find the Proposed equation below solving for 2nd Dimension Energy Equations

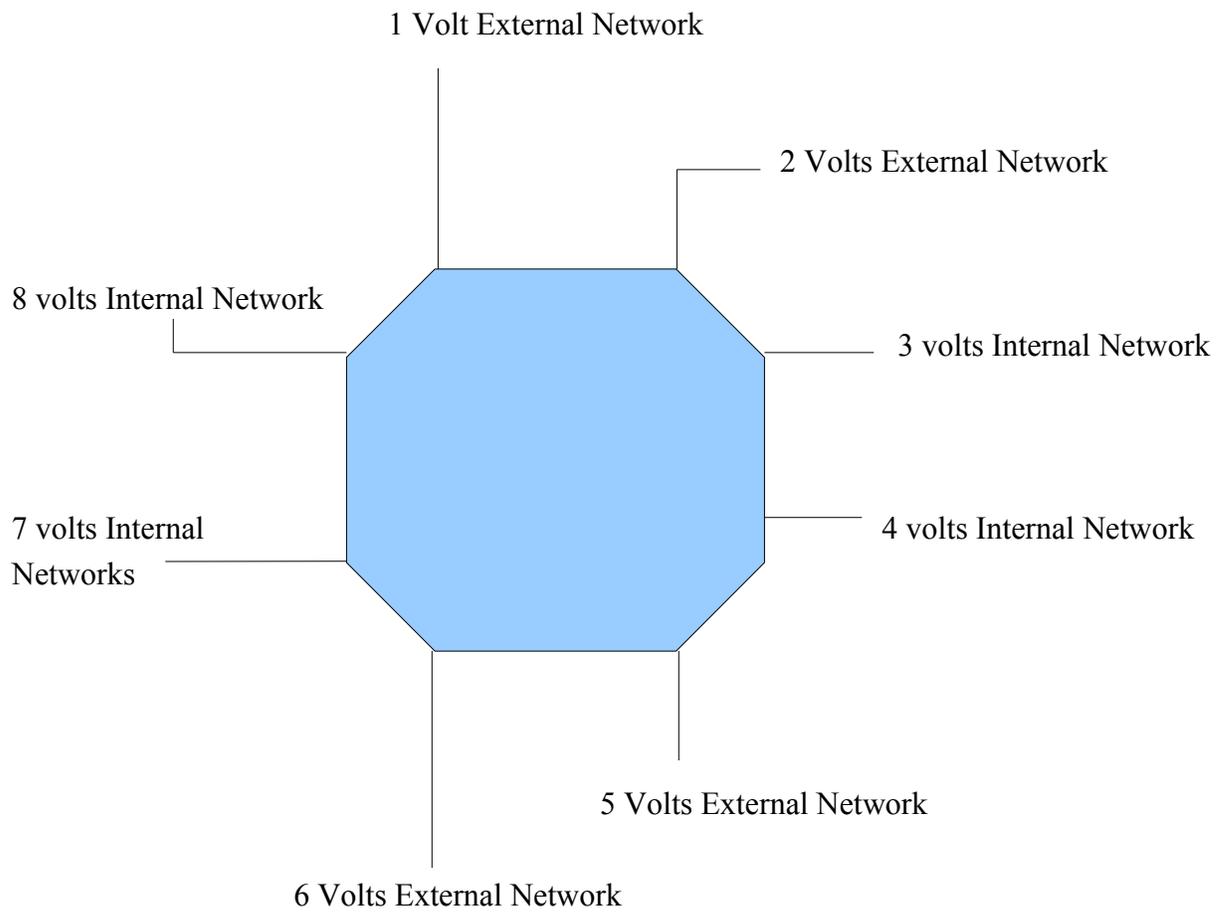
Energy Equation for 2nd Dimensional = (D2nd- square root of D1)* (m2nd -square root of m1)*
(c2nd- c1 square root)

Voltage to Bit Chart

Number of Volts	Volts to Bits	1 Electron volt = 1.6021764 v 10-19 th power
1	1024	1.6021764 10-19 th power
2	2048	1.2043528200000001255653116819212
3	4096	1.8065292300000001883479675228818
4	8192	2.4087056400000002511306233638424
5	16384	3.010882050000000313913279204803
6	32768	3.6130584600000003766959350457635
7	65536	4.2152348700000004394785908867241
8	131072	4.8174112800000005022612467276847

Temporal Spatial Equation 8-D

8 sided Voltage Usage



External Networks	1,2,5,6
Internal Networks	3,4,7,8

Calculations for 8 sided shaped

I will now begin our calculations using the Equation below. The Equation measures Energy with the understanding that as Energy is regenerating it is regenerated and loses at the same time this is similar to my rotating black hole theory. We will take the masses Internal mass and External mass of the networks units of measurement of volts and our speed will be 186,000 mph or the speed of light. The equation is as follows

m2nd power = Internal mass using volts as measurement

m1st power = External mass using volts as measurement

Energy Equation for 2nd Dimensional = (D2nd- square root of D1)* (m2nd -square root of m1)*
(c2nd- c1 square root)

Energy Equation for 2nd Dimension = (2*2- square root of 1)* (Internal mass 2nd power-square root of external mass)*(186,000 2nd power-186,000)

Substituting the variables above

2nd Dimensional Energy = (2*2 - $\sqrt{1}$) * ((3+4+7+8)2nd power - ($\sqrt{(1+2+5+6)}$) * (186,000) 2nd power - $\sqrt{186,000}$)

$$2^{\text{nd}} \text{ Dimensional Energy} = (4-1) * (484-3.7416573867739413855837487323165)* \\ (34596000000 - 431.27717305695649349467883598002)$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 3*480.25834261322605861441625126768 \\ *34595999568.722826943043506505321 = 49845052241768.12515371883947864$$

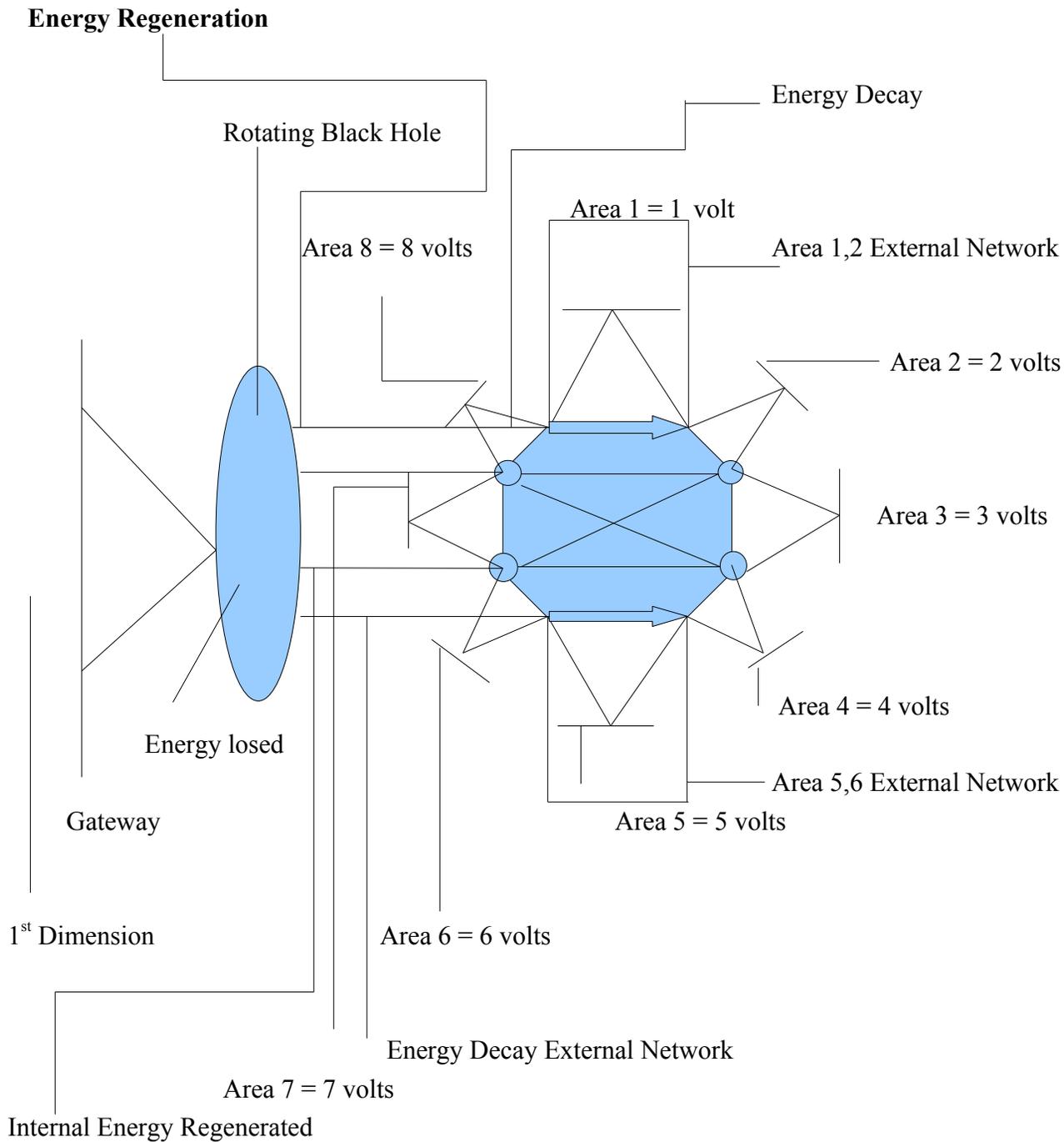
$$1 \text{ Electron volt} = 1.6021764 \text{ v } 10^{-19} \text{ power} * 49845052241768.12515371883947864$$

$$2^{\text{nd}} \text{ Energy dimension} = 4.4860547017591312951287431557739e+14$$

I would like to make some observations. The following was observed when increasing and decreasing dimensions (d2nd power – d1st power) the amount shows 3 which demonstrates Internal energy is 3 times greater than external which is explained in the martial arts. Exponentiation is at the 14th digit and it shows that the 2nd dimension must have constraints on time and space as well when energy is being regenerated and going through a decay process simultaneously. Energy should follow the laws of the 2nd dimension because if it were infinite it would have shown beyond the 14th digit where a exponent is at in the above solution. We can see the 2nd dimension has a set of physical laws that keep it constrained as well. Please find on the next page a full chart of the 8 sided and dimensional shape in the 2nd dimension. You will notice Energy goes through the same process as the 1st dimension Regeneration and decay but on a more discreet level. You may ask how can this work be applied to a practical application ? Please take the time to view the diagram below and the next page.

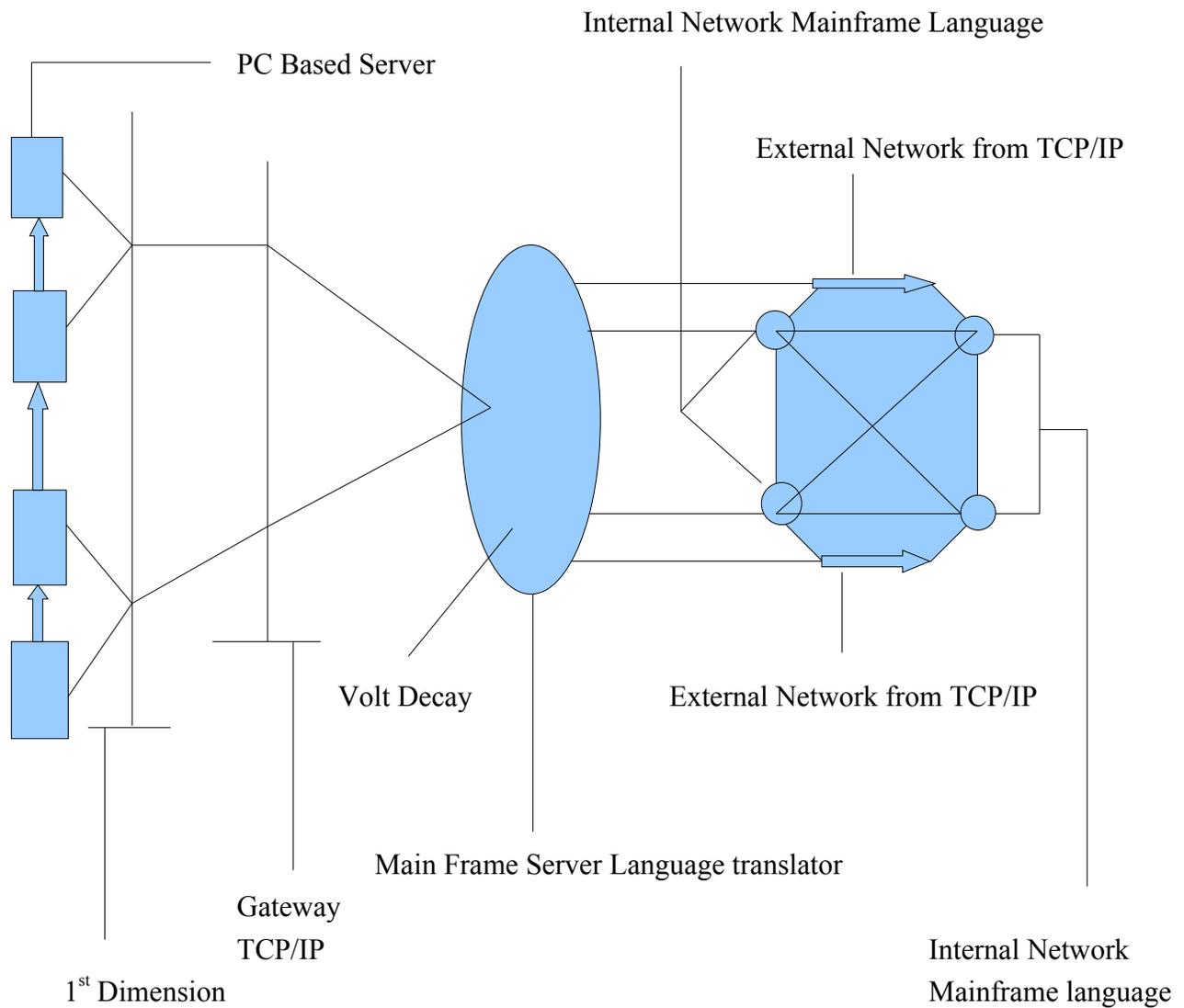
Temporal Spatial Equations 8-D

Full View



Practical application

This scientific work utilizes the Korean martial arts form Chun-gi heaven and Earth meaning it utilizes dual application. The above parts applied to the Astro-Physics portion and mathematics below is the practical application.



Additional Notes

I have indicated in my last work Temporal Spatial equation 6-d that the amount of bits processed could exceed the universe or in this application PC based Network. The 6-D equation had numbers that could not be comprehended with a discreet change at 31 measured in bits and compared with the Y variable and overall Energy level. I had to use voltage to bit this time because the equation would have created numbers that most people could not grasp or comprehend so the measurement was in volts. This helped my OSI copyright and supporting the need for a sub-classification of the physical layer because the IT architecture here would exponentiate beyond what the 1st dimension or PC based Network could handle so the need for a gateway and 2nd dimension could become a practical application by having the Internal Energy to either Regenerate into new energy or go through a decay process via Intelligent choice commonly referred to metrics that choose the best open path.. The Regeneration process passes TCP/IP into a Mainframe language. The decay process stays within the 1st dimension or PC based Network..

The diagram above shows that the TCP/IP connection is data encapsulated ;therefore, it never interferes with the Internal network of the mainframe network within itself. The Internal Network processes it's own energy and communication language.

Final Note

This completes are studies on Temporal Spatial equation 8-D. I hoped that you understand that difficult theory's and applications that are complex take time to develop in this case I had to show in my Temporal Spatial Equations 6-D how a Network in theory would not be able to handle bits that are exponentiated beyond itself and this paper showed in both a Astro-Physics and Computer Information sense how a possible solution can be applied practically.

Dated 03/25/2011

Barry L. Crouse

Temporal Spatial equations 12

Chapter 7

By

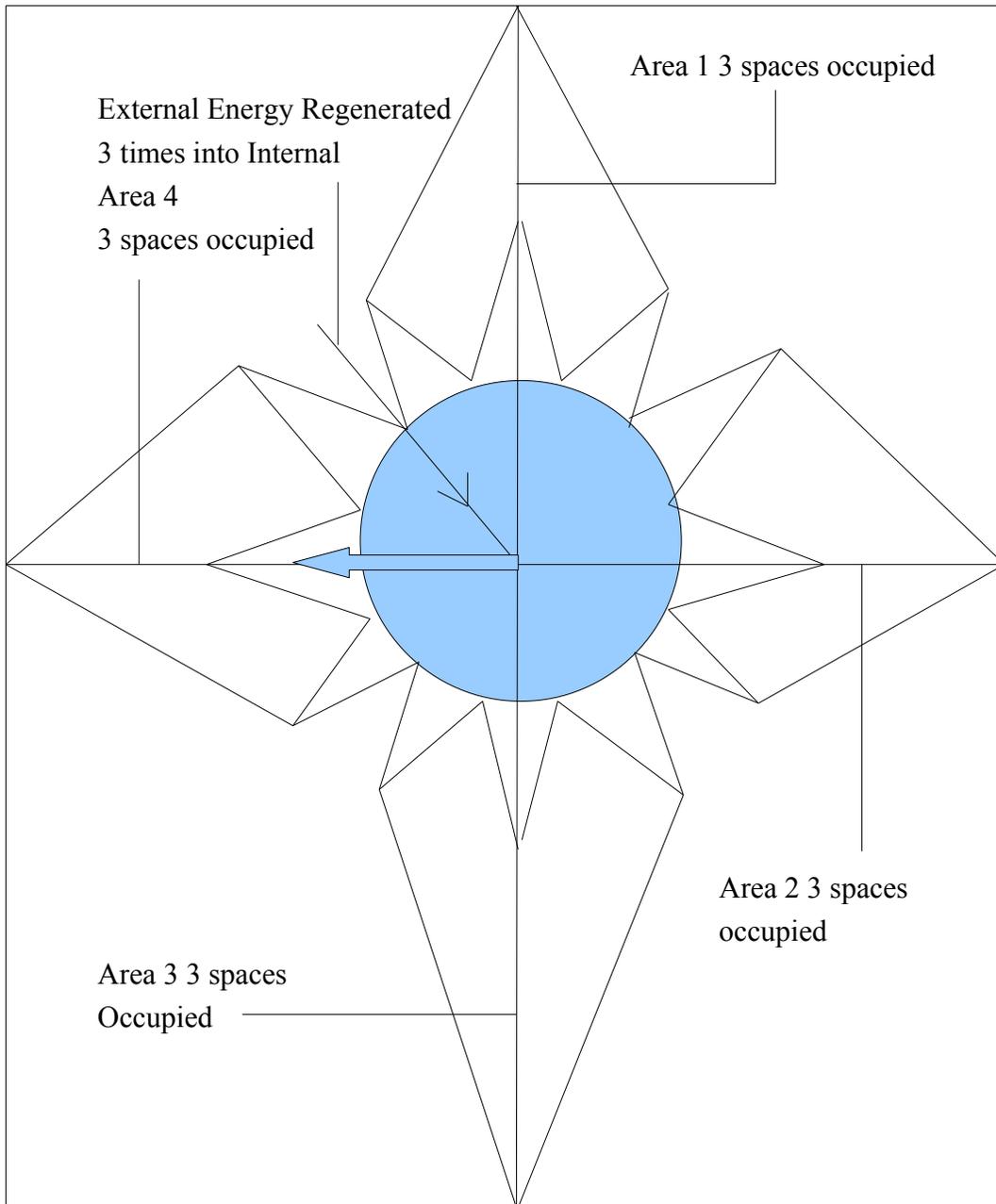
Barry L. Crouse

Introduction

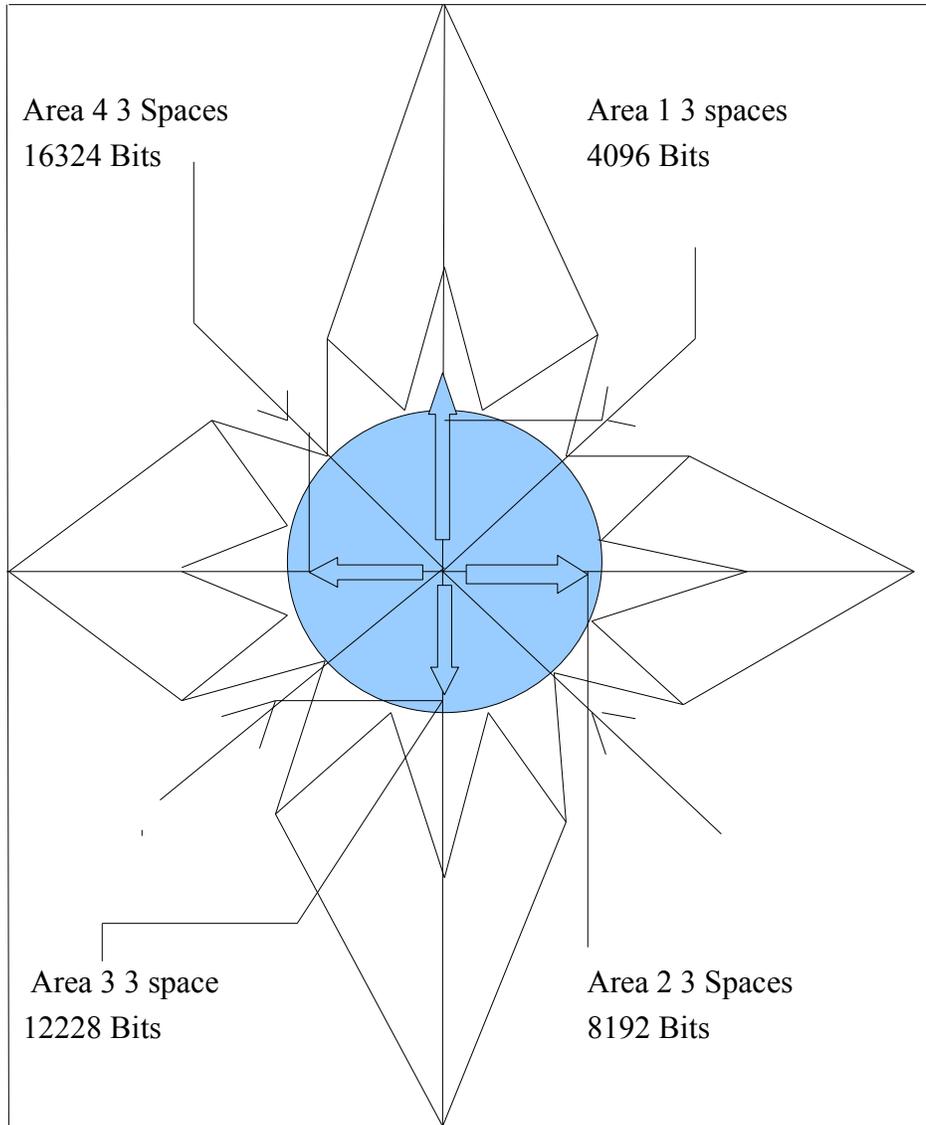
I would like to take the time to say thank you for reading this scientific works. The Title of this paper in greater detail explains a 12 pointed star using 1,2,3 dimensional calculations with units of measurements in Bits, Volts, and atomic structures. The purpose of the measurements was to demonstrate a need for the 7 stack OSI layer to be defined in greater detail. The second points was to show how external forces are Regenerated into Internal Energy showing as Internal Energy is less binded to our Universe the greater Energy is created but at the same time showing discreet losses of Energy. This paper involves more Physics and Mathematics than the usual Computer Information systems.

Temporal Spatial equations 12 and Dimensional Mathematics

Full View of 12 Pointed Star with Internal External Encapsulation

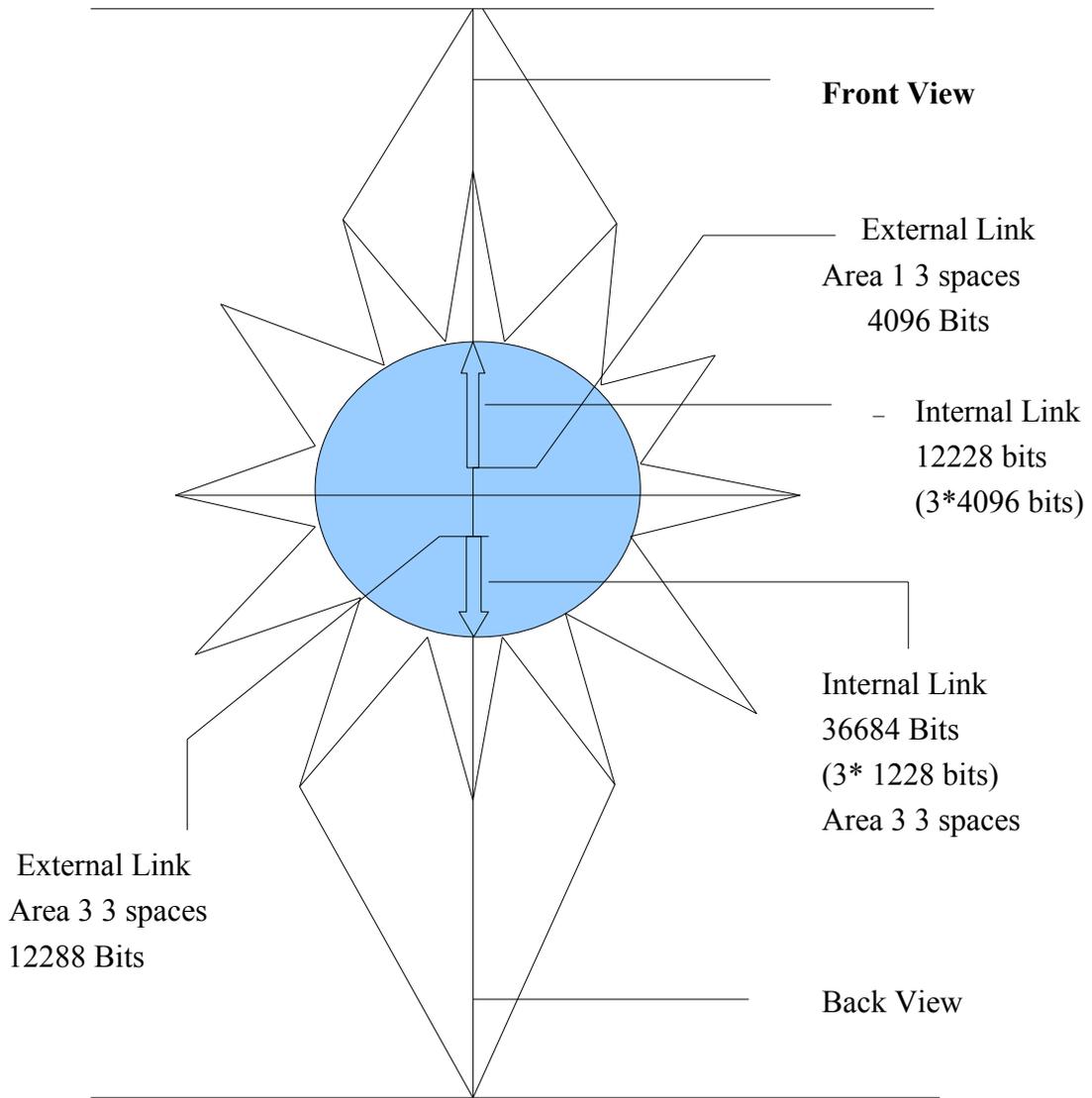


Full View 4 External Spaces generating 12 Internal spaces



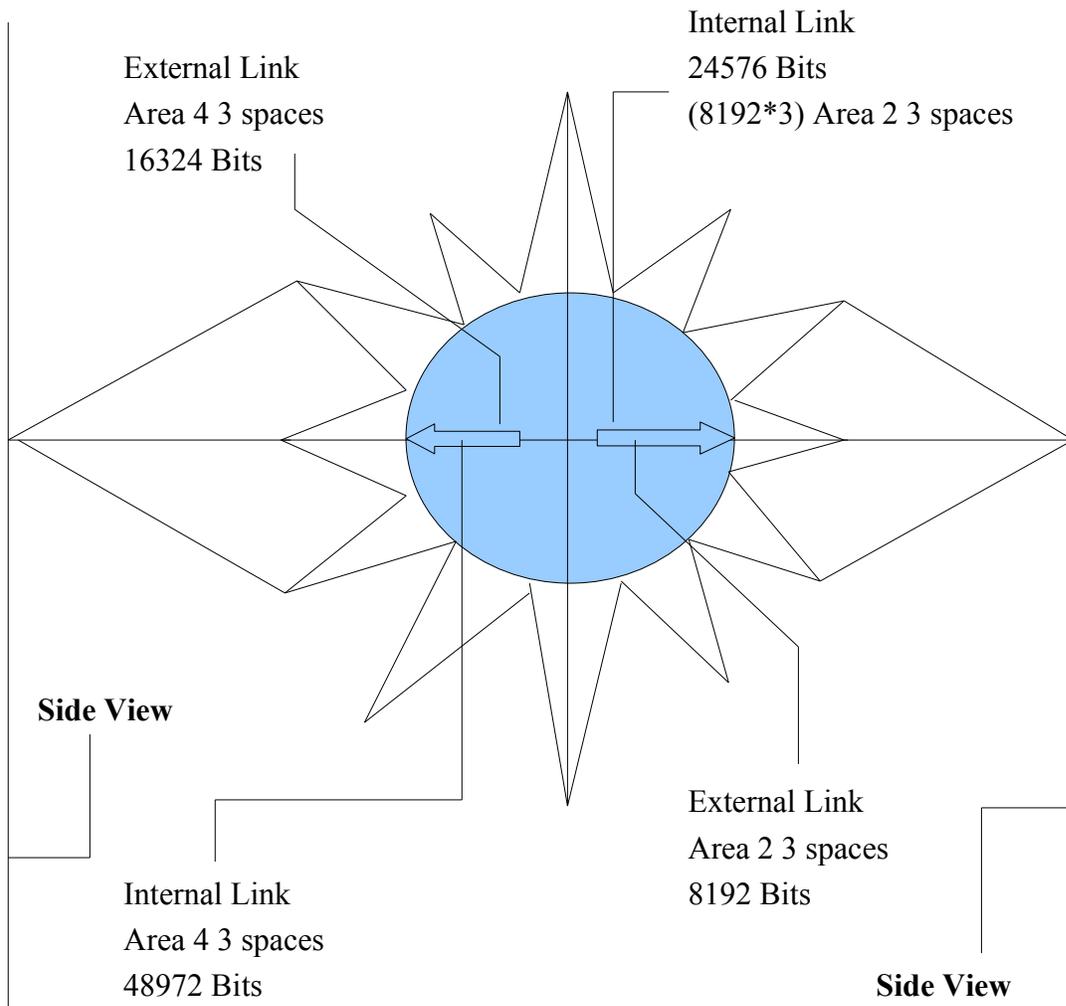
Area 1	4096 Bits
Area 2	8192 Bits
Area 3	12228 Bits
Area 4	16324 Bits

Front and Back View of 12 pointed Star



Area	External Bit Strength	Internal Bit Strength
1	4096	12228
3	12228	36684

Side View of 12 pointed Star



Area	External Bit Strength	Internal Bit Strength
2	8192	24576
4	16324	48972

Calculations

We will now begin calculations in the 1st, 2nd, and 3rd Dimension also differentiating the areas
The following variables are set for the 1st Dimensional

E = Energy

X = Internal Networks

Y = External Networks

M2 = Bit Strength Exponentiated

M1 = Bit Strength

C = 186,000 speed of light within our Physical Universe

The Barry equality Field equation states the following

$$E = M2^{\text{nd power}} - M1 * (c2 - c1)$$

Because we are within our physical Universe and the speed of light keeps the laws of our Universe in check, We will apply a constant only with the confines of our space ;however, we will not apply a constant in regards to the speed of light in the 2nd and 3rd Dimension.

$$E = (M2^{\text{nd}} \text{ power} - M1) * 186,000$$

$$E = ((4096 + 8192 + 12228 + 16324) 2^{\text{nd}} \text{ power} - ((4096 + 8192 + 12228 + 16324))) * 186,000$$

$$E = (29840) 2^{\text{nd}} \text{ power} - (29840) * 186,000$$

$$E = (890425600 - 29840) * 186,000$$

$$E = 890395760 * 186,000$$

$$E = 165613611360000 \quad \text{measured in Bits}$$

The total Energy = 165613611360000 measured in Bits in the 1st Dimension. We will now Differentiate the Internal Networks and External Networks with the following 1 external Network is Regenerated into 3

Internal area's of space example is I have a External Force of 4096 and it is Regenerated into 3 Internal Area's of space. Please view below the Area's of Space and Bit strength

Area 1	4096 Bits
Area 2	8192 Bits
Area 3	12228 Bits
Area 4	16324 Bits

To differentiate the Internal and External masses we see that there are 12 Internal area's of space and 4 external area's of space so differentiating the ares are the following

$$X = 12 \text{ Internal Networks}$$

$$Y = 4 \text{ External Networks}$$

$$DE = \text{Differentiating area of Energy}$$

$$DE = 12X - 4y$$

$$DE = ((12*(4096*3) + (8192*3) + (12228*3) + (16324*3)) - (4*29840))$$

$$DE = (12*(12288 + 24576 + 36684 + 48972) - 119360)$$

$$DE = 2940480 - 119360$$

$$DE = 2821120 \text{ measured in Bits}$$

$$DE = \mathbf{1 \text{ Electron volt} = 1.6021764 \times 10^{-19} \text{ power}}$$

$$DE = 2821120 * \mathbf{1.6021764 \times 10^{-19} \text{ power}}$$

$$De = 1698811.9137792001771174060460507 \text{ measured in Volts}$$

We have just completed our calculations using 1st dimensional processing. Please note the difference in Energy Internal vs External DE= 2821120 measured in Bits. The Internal amount of Energy is near 3 million times the strength of the External Forces. We will now review the volts to bits chart before we begin the 2nd dimensional calculations.

Voltage to Bit Chart

Number of Volts	Volts to Bits	1 Electron volt = 1.6021764 v 10-19 th power
1	1024	1.6021764 10-19 th power
2	2048	1.2043528200000001255653116819212
3	4096	1.8065292300000001883479675228818
4	8192	2.4087056400000002511306233638424
5	16384	3.010882050000000313913279204803
6	32768	3.6130584600000003766959350457635

2nd Dimension Energy Equation and Voltage /Bit Chart

Variables

D1 = 1st Dimension

D2 = 2nd Dimension

E = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

Please find the Proposed equation below solving for 2nd Dimension Energy Equations

Energy Equation for 2nd Dimensional = (D2nd- square root of D1)* (m2nd -square root of m1)*
(c2nd- c1 square root)

External Networks = 4 volts

Internal Networks 12 volts

We will now substitute the variables represented by volts instead of Bits

$$2^{\text{nd}} \text{ Dimensional Energy} = (2 * 2 - \sqrt{1}) * (1+2+3+4+5+6+7+8+9+10+11+12) - \sqrt{(1+2+3+4)}$$

• (186,000)^{2nd} power - $\sqrt{186,000}$

$$2^{\text{nd}} \text{ Dimensional Energy} = (4-1) * (78-3.1622776601683793319988935444327) * (34596000000 - 431.27717305695649349467883598002)$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 3 * (74.837722339831620668001106455568) * (34595999568.722826943043506505321)$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 7767257429379.0402596584361268821$$

$$\mathbf{1 \text{ Electron volt} = 1.6021764 \times 10^{-19} \text{ power} * 7767257429379.0402596584361268821}$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 4677259194369.2994804556349099487$$

As you can see above the equation arrived at the 2nd Dimensional measured in voltage shows the 1st decimal arrived at the 13th digit. In Temporal Spatial equations using 8 Areas of space and 2nd Dimensional processing we used even symmetry meaning we had a equal amount of Internal and External Networks(4 each) showing greater amounts of Internal Energy but now we used 12 Internal Networks with 4 External Networks allowing a External Network to regenerate 3 times the amount of Energy as demonstrated in the diagrams we find as we increase Internal Energy and External forces are kept in a constant state as compared with the 8-D equations 2nd Dimensional Energy greatly increases from 1 digit to 13 because it is less binded to speed and External mass within our Universe. Please find comparison below

8 sided shaped in 2nd Dimension

4.4860547017591312951287431557739e+14

12 Pointed Star in 2nd Dimension

4677259194369.2994804556349099487

I will now attempt to differentiate the Internal and External Mass because we are in the 2nd Dimension we will have to exponentiate the space proportionally based on 12 Internal spaces and 4 External spaces. The Equation is as follows

$$\text{Energy} = 12x^2 - 4y^2$$

The following is based on X = Internal mass and Y = External Mass exponentiated to the 2nd power which equals the 2nd Dimension. Mass is measured in volts not bits

The Differentiating Equation is $De = 24x - 8y$

$$De = 24(1+2+3+4+5+6+7+8+9+10+11+12) - 8(1+2+3+4)$$

$$DE = 24(78) - 8(10)$$

$$DE = 1872 - 80$$

$$DE = 1792$$

1 Electron volt = 1.6021764 v 10⁻¹⁹ power

$$De = 1.6021764 \text{ v } 10^{-19} \text{ power} * 1792$$

$$De = 1079.1001267200001125065192670014$$

The Internal mass has a difference of 1,000 plus times greater than the external mass when dealing with difference in Energy masses. The measurement is in Volts if I attempted to measure in Bits this number would have been much greater than the human mind can understand.

I will now attempt to use the Equations to construct a 3 rd dimensional Equation based on the previous solutions.

The variables for 3rd Dimension processing is below.

3rd Dimension Calculations

D1 = 1st Dimension

D2 = 2nd Dimension

D3 = 3rd Dimension

E = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

$$E = \frac{(D3^{rd} \text{ power} - \sqrt{d2^{nd} \text{ power} + d1^{st} \text{ power}})}{(c3^{rd} \text{ power} - \sqrt{c2^{nd} \text{ power} + c1^{st} \text{ power}})} * (m3^{rd} \text{ power} - \sqrt{m2^{nd} \text{ power} + m1})$$

The Equation proposed above shows Internal mass is exponentiated to the 3rd power whereas External masses of m1 and m2 are increased but decreased in the 3rd dimension. The measurement is in volts.

$$E = (3 \cdot 3 \cdot 3 - \sqrt{(2 \cdot 2 + 1 \cdot 1)}) \cdot (78 \cdot 78 \cdot 78 - \sqrt{10 \cdot 10 + 10}) \cdot (186,000 \cdot 186,000 \cdot 186,000 - \sqrt{186,000 \cdot 186,000 + 186,000})$$

$$E = (27 - 2.2360679774997896964091736687313) (474552 - 10.488088481701515469914535136799) \cdot (6434856000000000 - 186000.49999932795879580847460254)$$

$$E = 24.763932022500210303590826331269 \cdot 474541.51191151829848453008546486 \cdot 6434855999813999.5000006720412042$$

$$E = 75619298714954743860989.717694287$$

1 Electron volt = 1.6021764 v 10⁻¹⁹ power

$$1.6021764 \text{ v } 10^{-19} \text{ power} \cdot 75619298714954743860989.717694287$$

E = 45536157826889065718260.733403852 measured in Electron Volts

I recently reviewed the conversion charts using Wikipedia and according to the unit of measurement 1 Electron volt (per atom) = 96.485 kj/mo whereas KJ represents Unit of work and Mo = amount of substance or Chemical amount.

I also reviewed what defines a electron accordingly it states a Electron is a subatomic particle and a Fermion with a $\frac{1}{2}$ Integer Spin and also it is defined as not having a substructure which is supported by the Big bank Theorists

I would like to state I do not agree that Electrons do not have substructure because I have shown on physical diagrams and mathematical equations is how a external force is regenerated into Internal Energy 3 times the amount on a 12 point space with Energy changed discreetly.

Energy is Non Symmetrical when dealing with Internal and External Forces. Electrons should have a substructure because it would tend to state if it has only a $\frac{1}{2}$ Integer spin this would indicate it is less binded to our Universe thus if the Electron mass is defined as 1/1836 and Energy is being exponentiated I would tend to believe Electrons are being Regenerated into Energy that is showing less binding to our Universe thus the argument of Electrons being defined as a Elementary particle with no substructure is incorrect because of the failure to recognize Internal Energy that cannot be seen or touched this is similar to Chi or Ki in the Martial Arts. You cannot see it or touch it but it is there because the brain triggers this in the form of heat thus it enables a Martial Artists to break bricks or boards from 1-3 inch's and if you have ever done this touch your palm and find out how hot it is as I have experienced.

We will now convert the following according to Wikipedia 1 electron volt (per atom)
= 96.485 kj/mo

I converted Energy into the following:

E = 45536157826889065718260.733403852 measured in Electron Volts

E = 45536157826889065718260.733403852 * 96.485 kj/mo

Volts/per atom = 4393556187927391505826386.8624705

I will now differentiate the 3rd dimension masses with variables as defined

X = Internal mass

y = External Mass

The 12 pointed star has 12 Internal points and the External has 4 Internal points. The following Differentiates the Energy masses in the 3rd dimension.

12x3 = 36x

$$4y^3 = 12y$$

$$3^{\text{rd}} \text{ dimension Energy} = 36x - 12y$$

$$3^{\text{rd}} \text{ dimension} = 36(78) - 12(10)$$

$$3^{\text{rd}} \text{ dimension} = 2808 - 120$$

$$3^{\text{rd}} \text{ dimension} = \mathbf{1.6021764 \times 10^{-19} \text{ power}^*} \quad 2688 \text{ measured in volts}$$

$$3^{\text{rd}} \text{ dimension} = 1618.6501900800001687597789005021 \text{ in Voltage}$$

$$3^{\text{rd}} \text{ Dimension} = 156175.46358986881628278726721494 \text{ kj/mo Electrons per Atom}$$

We have now completed the 3rd dimension processing and have now completed the OSI theoretical discussion creating sub classifications of the physical layer as well the lower layers I proposed consist of the following

Physical Layer Bits converted into Bytes

Sub Particle Physical Layer Volts into Bits

Atomic Sub Particle layer Atoms into Volts

I will now attempt to create a chart that shows 2nd, and 3rd dimension Energy measured in voltage showing Total Energy Differences in Energy of masses

Dimension	Total Energy	Measurement
2	4677259194369.2994804556349099487	Volts
3	45536157826889065718260.733403852	Volts

The chart shows that in the 2nd and 3rd dimension measured in Voltage Energy Exponentiates at a discreet level that would be very difficult to detect. If we view the chart the change occurs at the 23rd digit or decimal point

The OSI layer creates a general classification of Bits, physical media, Volts thus I have shown energy to be non symmetrical from a Internal and External Network and needs to be re-evaluated. I have shown using Diagrams and Mathematical equations as Internal structures are being Regenerated from External Forces. Energy exponentiates when matter becomes less binded to our Universe. Electrons do have sub structures that are hard to detect and is similar to Ki or Chi. I have created a 3rd Dimension equation that takes into account Energy decaying and Regenerating in different dimensions.

Dated 04/17/2011

Barry L. Crouse

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Temporal Spatial equations 16-D

Chapter 8

By

Barry L. Crouse

Introduction

16 Pointed Star 4th Dimension

By

Barry L. Crouse

Introduction

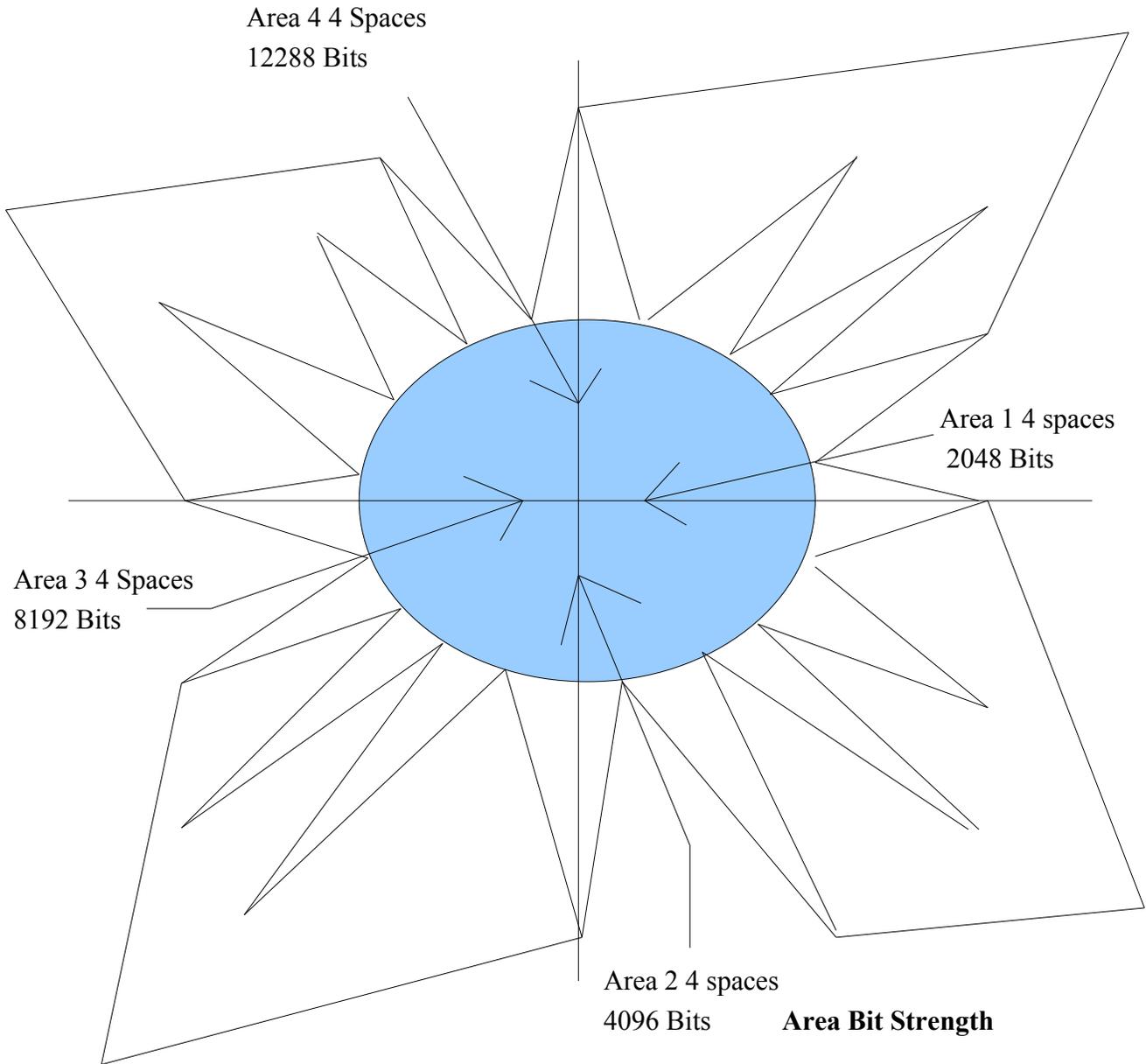
I wanted to take the time to thank each and everyone of you for reading this scientific work. I am attempting to build upon my 12 pointed star by introducing the following

1. New Symbols
2. New Equations

I wanted to highlight this point before reading it. This paper supports Fermion model under the classification Leptons it does not support the Big Bank Theory using the quarks and symmetrical model. I wanted to make a statement before reading this Scientific work. Please also note I evaluated some of the Greek Mathematical symbols and I found it to be limited in scope ;therefore, it was necessary I create a Symbol used for Energy and Dimensional expansion.

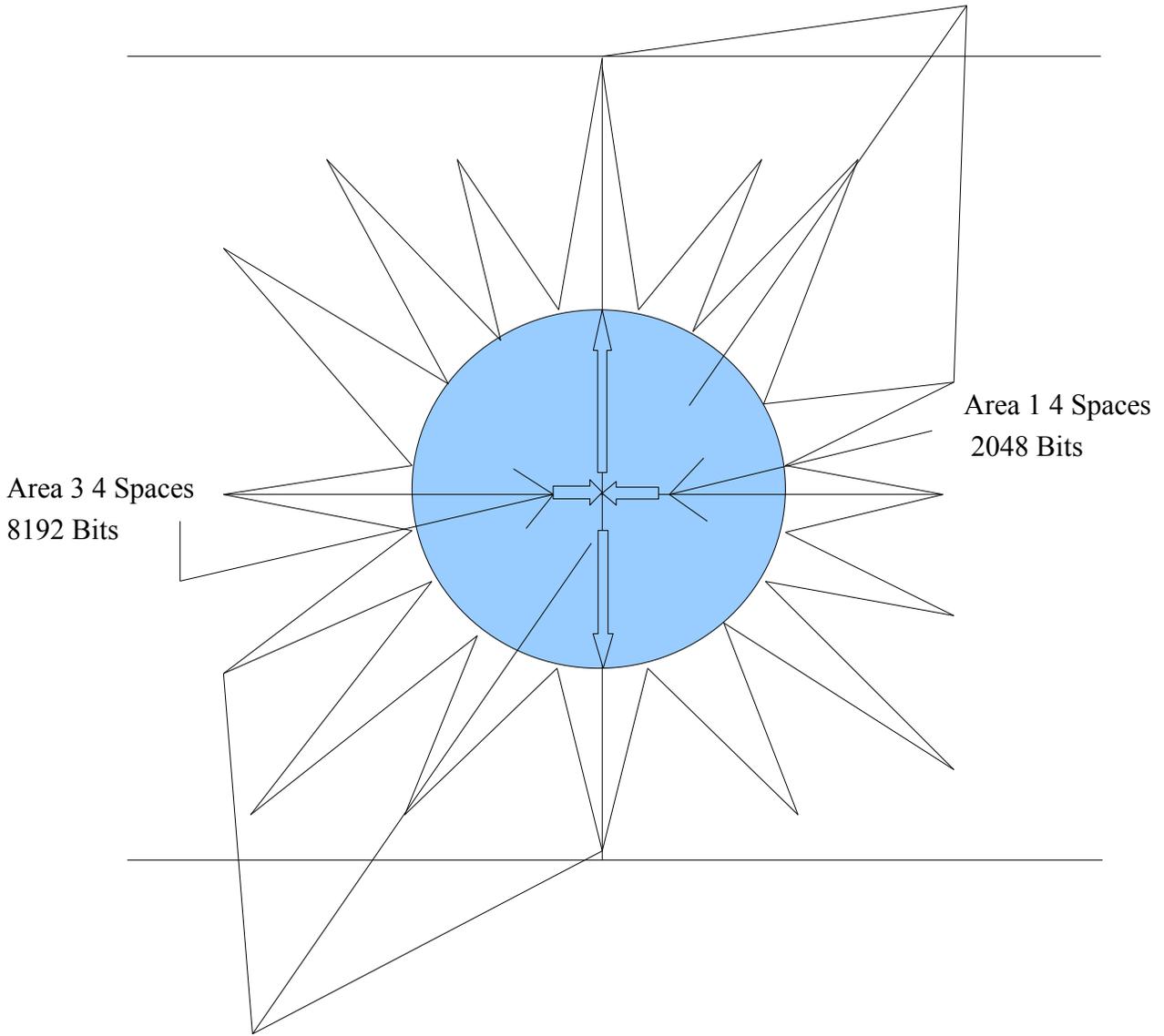
16 Pointed Star 4th Dimension

Full View



Area 1	2048 Bits
Area 2	4096 Bits
Area 3	8192 Bits
Area 4	12288 Bits

16 Pointed Star 4th Dimension Front View



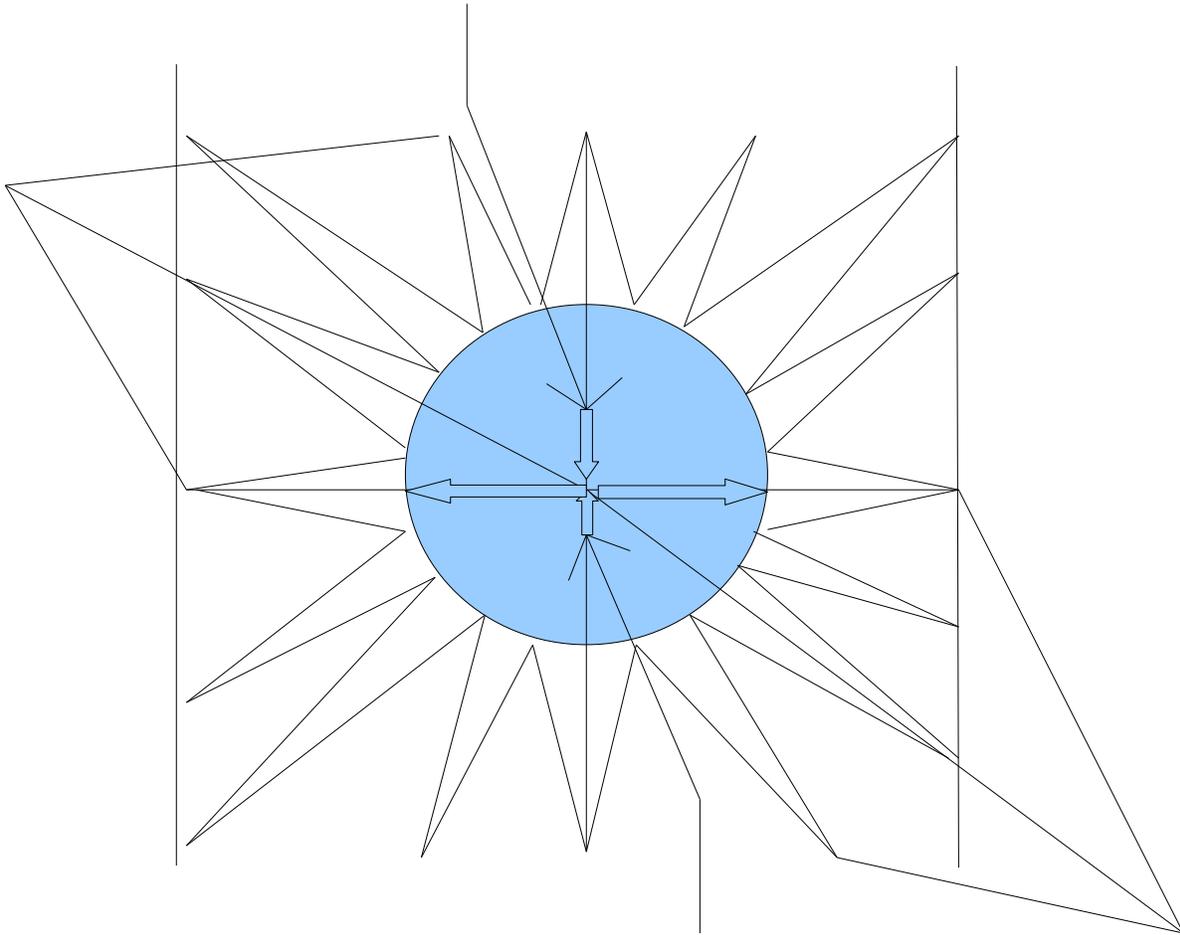
Area Bit Strength

Area 1 4 Spaces 2048 Bits
Area 3 4 Spaces 8192 Bits

16 Pointed Star 4th Dimension

Side View

Area 4 4 Spaces 12288 Bits



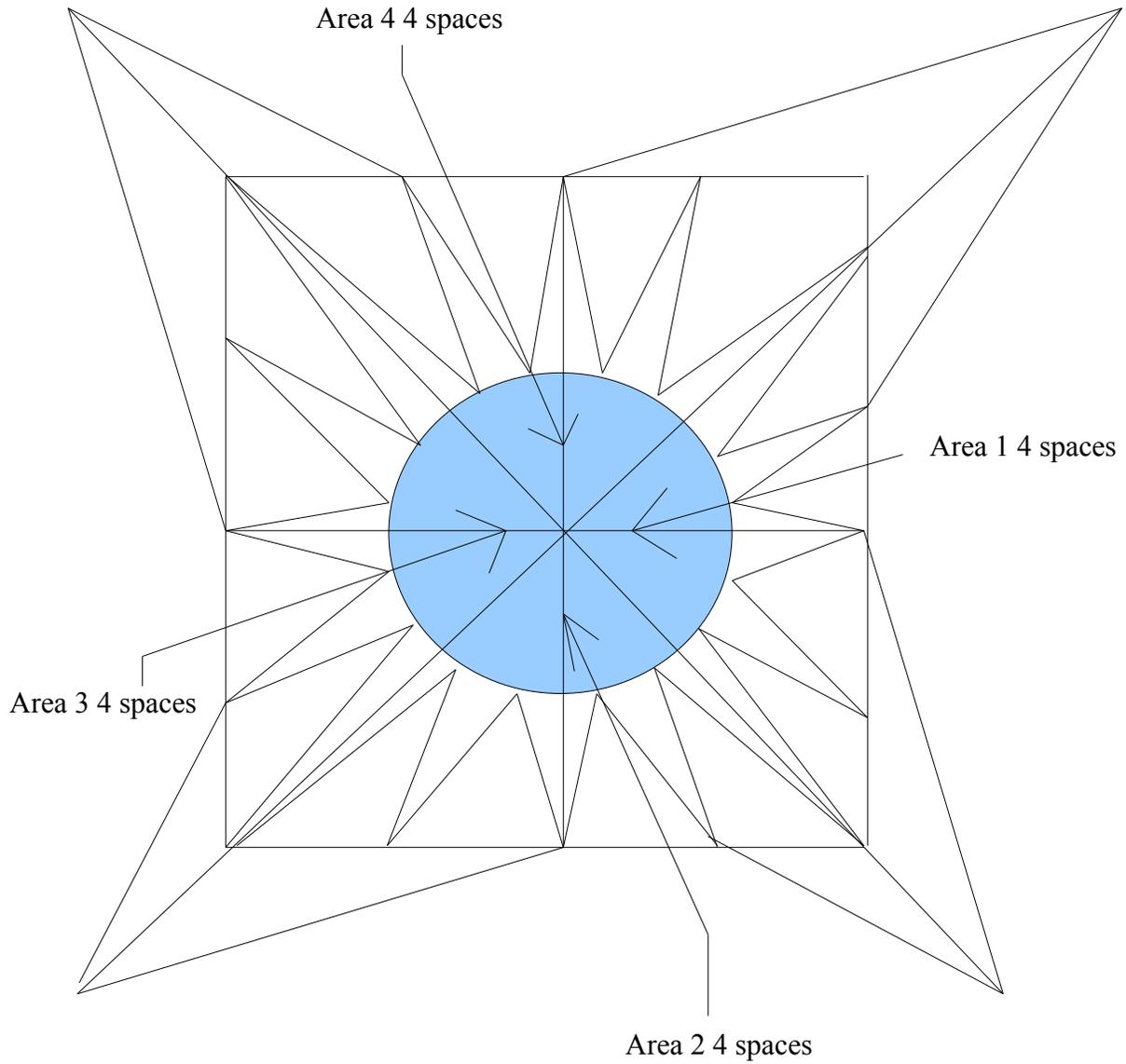
Area 2 4 spaces 4096 Bits

Area Bit Strength

Area 2 4 spaces 4096 Bits

Area 4 4 spaces 12288 Bits

16 Pointed Star 4 th Dimension Full View



Area	External Bit Strength	Internal Bit Strength
1	2048	8192 4 Spaces
2	4096	16384 4 Spaces
3	8192	32768 4 Spaces
4	12288	49152 4 Spaces

1st Dimension Calculations

Today is 05/07/2011 University Place, Washington. I will begin 1st Dimension Processing using the Barry Equality Field Equation.

We will now begin calculations in the 1st, 2nd, and 3rd Dimension also differentiating the areas
The following variables are set for the 1st Dimensional Equation

E = Energy

X = Internal Networks

Y = External Networks

M2 = Bit Strength Exponentiated

M1 = Bit Strength

C = 186,000 speed of light within our Physical Universe

The Barry equality Field equation states the following

$$E = M2^{\text{nd power}} - M1) * (c2 - c1)$$

Because we are within our physical Universe and the speed of light keeps the laws of our Universe in check, We will apply a constant only with the confines of our space ;however, we will not apply a constant in regards to the speed of light in the 2nd, 3rd, and 4th Dimension.

$$E = (M2^{\text{nd power}} - M1) * 186,000$$

$$E = ((2048 + 4096 + 8192 + 12228) 2^{\text{nd power}} - (2048 + 4096 + 8192 + 12288)) * 186,000$$

$$E = (26564) 2^{\text{nd power}} - (26564) * 186,000$$

$$E = (705646096 - 26564) * 186,000$$

$$E = 705619532 * 186,000$$

$$E = 131245232952000 \text{ measured in Bits}$$

Total Energy is measured in Bits in the 1st Dimension for the 16 pointed star.. We will now differentiate the areas of the 16 pointed star. . When reviewing the diagrams we find 1 External point

Regenerates into 4 Internal spaces so the total number of External Networks are 4 and the total for Internal Networks is 16. Our Equation is the following

$$X = 16 \text{ Internal Networks}$$

$$Y = 4 \text{ External Networks}$$

$$DE = 16x - 4y$$

$$DE = (16*(2048*4) + (4096*4) + (8192*4) + (12288*4) - (4*26564))$$

$$DE = (16*(8192+16384+32768+49152) - (106256))$$

$$DE = (16*106496) - 106256$$

$$DE = 1703936 - 106256$$

$$DE = 1597680 \text{ Measured in Bits}$$

$$DE = 1 \text{ Electron volt} = 1.6021764 \times 10^{-19} \text{ power}$$

$$DE = 1597680 * 1.6021764 \times 10^{-19} \text{ power}$$

$$DE = 962085.20672880010030659358398592 \text{ Measured in Volts}$$

I have just completed the 1st Dimension processing in Bits and Volts.. The Interesting note here is this in our 12 pointed star we used greater bit strengths overall but in this case I used less bit strength thus our Internal Networks are 1.5 million times greater than External forces also you may want to compare the 12 pointed star to this Equation and you may ask why in the 1st Dimension did the 12 pointed star generate more energy because the Environment in our Universe is Dynamic and Energy is Non-Symmetrical and matter is binded to the laws of our Universe example the speed of light is 186,000 but when we attempt to go into the 2nd Dimension the speed of light will exponentiate along with space. We will now begin 2nd Dimension processing.

2nd Dimension Energy Equation and Voltage /Bit Chart

Variables

D1 = 1st Dimension

D2 = 2nd Dimension

E = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

Please find the Proposed equation below solving for 2nd Dimension Energy Equations

Energy Equation for 2nd Dimensional = (D2nd- square root of D1)* (m2nd -square root of m1)*
(c2nd- c1 square root)

External Networks = 4 volts

Internal Networks 16 volts

We will now substitute the variables represented by volts instead of Bits

$$2^{\text{nd}} \text{ Dimensional Energy} = ((2*2 - \sqrt{1}) * (1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16) - \sqrt{(1+2+3+4)}) \cdot (186,000)2^{\text{nd}} \text{ power} - \sqrt{186,000}$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 3*(136-3.1622776601683793319988935444327) \cdot (34596000000-431.27717305695649349467883598002)$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 3(132.83772233983162066800110645557)*(34595999568.722826943043506505321)$$

$$2^{\text{nd}} \text{ Dimensional Energy} = 13786961354336.812147748006258802$$

1 Electron volt = 1.6021764 v 10-19th power

1 Electron volt = 1.6021764 10-19th power * 13786961354336.812147748006258802

2nd Dimensional Energy = 13786961354336.81214774800625880 measured in Volts

As you can see above the equation arrived at the 2nd Dimensional measured in voltage shows the 1st decimal arrived at the 14th digit. In Temporal Spatial equations using 12 Areas of space and 2nd Dimensional processing we used 12 Internal Spaces and 4 External Spaces and the discreet amount of Energy change was at the 13th digit. This means for every 1 External Space I Regenerated into 3 Internal Spaces. In our 16 Area's of space I showed a change at the 14th digit using the following for every 1 External space I Regenerated into 4 Internal Spaces thus as speed increases above the speed of light in the 2nd Dimension I was able to obtain a greater amount of Energy despite using less bit strength in this Equation.

12 Pointed Star in 2nd Dimension	4677259194369.2994804556349099487
16 Pointed Star in 2nd Dimension	13786961354336.81214774800625880

I will now attempt to differentiate the Internal and External Mass because we are in the 2nd Dimension we will have to exponentiate the space proportionally based on 12 Internal spaces and 4 External spaces. The Equation is as follows

$$\text{Energy} = 16x^2 - 4y^2$$

The following is based on X = Internal mass and Y = External Mass exponentiated to the 2nd power which equals the 2nd Dimension. Mass is measured in volts not bits

The Differentiating Equation is $De = 32x - 8y$

$$De = 32(1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16) - 8(1+2+3+4)$$

$$DE = 32(136) - 8(10)$$

$$DE = 4352 - 80$$

$$DE = 4272$$

1 Electron volt = 1.6021764 v 10-19th power

1 Electron volt = 1.6021764 v 10-19th power * 4272

DE = 2572.4976235200002682075057525836 measured in Volts

The Internal mass has a difference of 2,500 plus times greater than the external mass when dealing with difference in Energy masses. The measurement is in Volts if I attempted to measure in Bits this number would have been much greater than the human mind can understand. Please see chart below to understand why it was done this way

Voltage to Bit Chart

Number of Volts	Volts to Bits	1 Electron volt = 1.6021764 v 10-19 th power
1	1024	1.6021764 10-19 th power
2	2048	1.20435282000000001255653116819212
3	4096	1.80652923000000001883479675228818
4	8192	2.40870564000000002511306233638424
5	16384	3.0108820500000000313913279204803
6	32768	3.61305846000000003766959350457635

I will now begin 3rd Dimensional Processing. Please find variables used below

3rd Dimension Calculations

D1 = 1st Dimension

D2 = 2nd Dimension

D3 = 3rd Dimension

E = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

$$E = \frac{(D3^{rd} \text{ power} - \sqrt{d2^{nd} \text{ power} + d1^{st} \text{ power}})}{(c3^{rd} \text{ power} - \sqrt{c2^{nd} \text{ power} + c1^{st} \text{ power}})} * (m3^{rd} \text{ power} - \sqrt{m2 + m1})$$

The Equation proposed above shows Internal mass is exponentiated to the 3rd power whereas External masses of m1 and m2 are increased but decreased in the 3rd dimension. The measurement is in volts.

$$E = (3*3*3 - \sqrt{(2*2+1*1)}) * (136*136*136 - \sqrt{10*10+10}) * (186,000*186,000*186,000 - \sqrt{186,000*186,000+186,000})$$

$$E = (27 - 2.2360679774997896964091736687313) * (2515456 - 10.488088481701515469914535136799) * (6434856000000000 - 186000.49999932795879580847460254)$$

$$E = 24.763932022500210303590826331269 * (2515445.5119115182984845300854649) * (6434855999813999.5000006720412042)$$

$$E = 24.763932022500210303590826331269 * 16186529644529030869176.361451382$$

$$E = 400842119797301413557394.76686035$$

1 Electron volt = 1.6021764 v 10⁻¹⁹ power

$$1.6021764 \text{ 10-19}^{\text{th}} \text{ power} * 400842119797301413557394.76686035$$

$$E = 241377668676328918069850.16345579 \text{ measured in Electron Volts}$$

We will now convert the following according to Wikipedia 1 electron volt (per atom)
= 96.485 kj/mo

I converted Energy into the following:

E = 241377668676328918069850.16345579 measured in Electron Volts

E = 241377668676328918069850.16345579 measured in Electron Volts * 96.485 kj/mo

Volts/per atom = 23289324362235595659969493.021023

I will now differentiate the 3rd dimension masses with variables as defined

X = Internal mass

y = External Mass

The 16 pointed star has 16 Internal points and the External has 4 Internal points. The following Differentiates the Energy masses in the 3rd dimension.

16x3 = 48x

$$4y^3 = 12y$$

$$3^{\text{rd}} \text{ dimension Energy} = 48x - 12y$$

$$3^{\text{rd}} \text{ dimension} = 48(136) - 12(10)$$

$$3^{\text{rd}} \text{ dimension} = 6528 - 120$$

$$3^{\text{rd}} \text{ dimension} = \mathbf{1.6021764 \text{ v } 10^{-19} \text{ power} * 6408}$$

$$3^{\text{rd}} \text{ Dimension} = 1.6021764 \cdot 10^{-19} * 6408$$

$$3^{\text{rd}} \text{ Dimension} = 3858.7464352800004023112586288755 \text{ measured in Volts}$$

$$3^{\text{rd}} \text{ Dimension} = 3858.7464352800004023112586288755 \text{ measured in Volts } * 96.485 \text{ kj/mo}$$

$$3^{\text{rd}} \text{ Dimension} = 372311.149807990838817001788807 \text{ kj/mo Electrons per Atom}$$

This completes our 3rd Dimension processing. We will now begin our 4th Dimension processing using the variable chart with added new symbols and a new equation to address the Fermion sub atomic structure below.

4th Dimension Calculations

D1 = 1st Dimension

D2 = 2nd Dimension

D3 = 3rd Dimension

D4 = 4th Dimension

~~&~~ = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

$$\cdot \left(\sqrt{d_3 + d_2 \text{ power} + d_1 \text{ power}} \right)^D * \left(\sqrt{m_3 + m_2 + m_1} \right)^{m_4}$$

The Symbol I used is a ampersand with a line in the middle this symbol shows Energy exponentiation after reviewing the Greek Mathematical Symbols they showed constraint within the Universe and would not represent the Equation so in the future instead of using the E variable I will use the symbol just discussed to show Energy Expansion in different Dimensions. I have also added the Equation to show Fermion Leptons use a 1/2 Integer spin and what Dimension they are in. The equation is as follows.

$$\text{Fermion Symbol} = \text{Fermions Leptons}$$

$$D = \text{Dimension}$$

$$\text{Fermion Symbol} = (1/2 * D)$$

The Symbol shows Sub-Atomic structure with the Dimension it is in. This is performed after the Energy is measured in volts per Atom. Please note Fermion symbol and or Equation shows Energy Exponentiated in the Respective Dimension.

On a side note after researching on Wikipedia it was found that there are two types of Elementary particles quarks and Leptons which include Electrons and similar heavier particles including Neutrinos. I did not agree with the Quark model because it supports Big Bang Theory ;however, I supported the anti-symmetry because Internal Energy is not symmetrical with External Energy thus the Fermion Model looks more adaptive to my approach.

$$\& = (4*4*4*4 - \sqrt{(3*3*3)+(2*2)+(1*1)}) * (136*136*136*136 - \sqrt{(10*10*10)+(10*10)+10}) * \\ (186,000*186,000*186,000*186,000 - \sqrt{(186,000*186,000*186,000)+(186,000*186,000)+186,000})$$

$$\& = (256 - 5.6568542494923801952067548968388) * ((342102016 - \\ 33.31666249791536367119086870386) * (1196883216000000000000 - \\ (6434856000000000 + 34596000000 + 186000)))$$

$$\& = 250.34314575050761980479324510316 * ((342101982.68333750208463632880913) * (\\ (1196883216000000000000 - 6434890596186000)))$$

$$\& = 250.34314575050761980479324510316 * (342101982.68333750208463632880913 * 119687 \\ 6781109403814000)$$

$$\& = 250.34314575050761980479324510316 \\ * 409453919845177993514159395757.99$$

$$\& = 1.0250398233391805878387139858123e+32$$

1 Electron volt = 1.6021764 v 10⁻¹⁹th power

1.6021764 10⁻¹⁹th power * 1.0250398233391805878387139858123e+32

0.60217641000000006278265584096059*1.0250398233391805878387139858123e+32

37169628007653536239035527181360 measured in Volts

4th Dimension = measured in Volts 37169628007653536239035527181360 *96.485 kj/mo

4thDimension = 3.5863115583184514440233428400935e+33 kj/mo Electrons per Atom

✂ = Fermion Leptons

✂ = 3.5863115583184514440233428400935e+33 kj/mo * (1/2*4)

✂ = 7.172623116636902888046685680186e+33 Sub-Atomic measured in
Dimensions Fermion Leptons

This concludes our 4th Dimensional Processing. The subatomic measurement used the $\frac{1}{2}$ Integer spin multiplied by the dimension which it resided in. I felt this was important because I am attempting to show discreet energy that cannot be seen or exactly measured needs to be taken into account. I feel it was 110 percent incorrect when only External Forces or energy is only taken into account so I attempted to continue going down the ladder from the following

Bits	Physical Layer
Volts	Sub Physical Layer
Atoms	Atomic
Fermion	Elementary Particles
Leptons	
Electron-Neutrinos	

I have attempted to show that when Internal Energy is taken into account Energy is better harnessed and properly allocated for consumption ;otherwise, Energy that is not fully understood shows a civilization has not progressed and will continue to waste resources that could have been more efficient. I had to create my own symbols because after doing research the Greek Mathematical Symbols placed constraints on it's own system ;therefore, it would not have represented what I was trying to achieve. The Greek Mathematical Symbols in looking at it showed a highly advanced civilization over 2,500 years ago but as time changes so does Math, Sciences, and Physics. This concludes our review of the 16 pointed star in 4th Dimensional processing.

Dated 05/11/2011

Barry L. Crouse

Temporal Spatial Equations 22-D

Chapter 9

By

Barry L. Crouse

22 Pointed Star Non Symmetrical Dimension

By

Barry L. Crouse

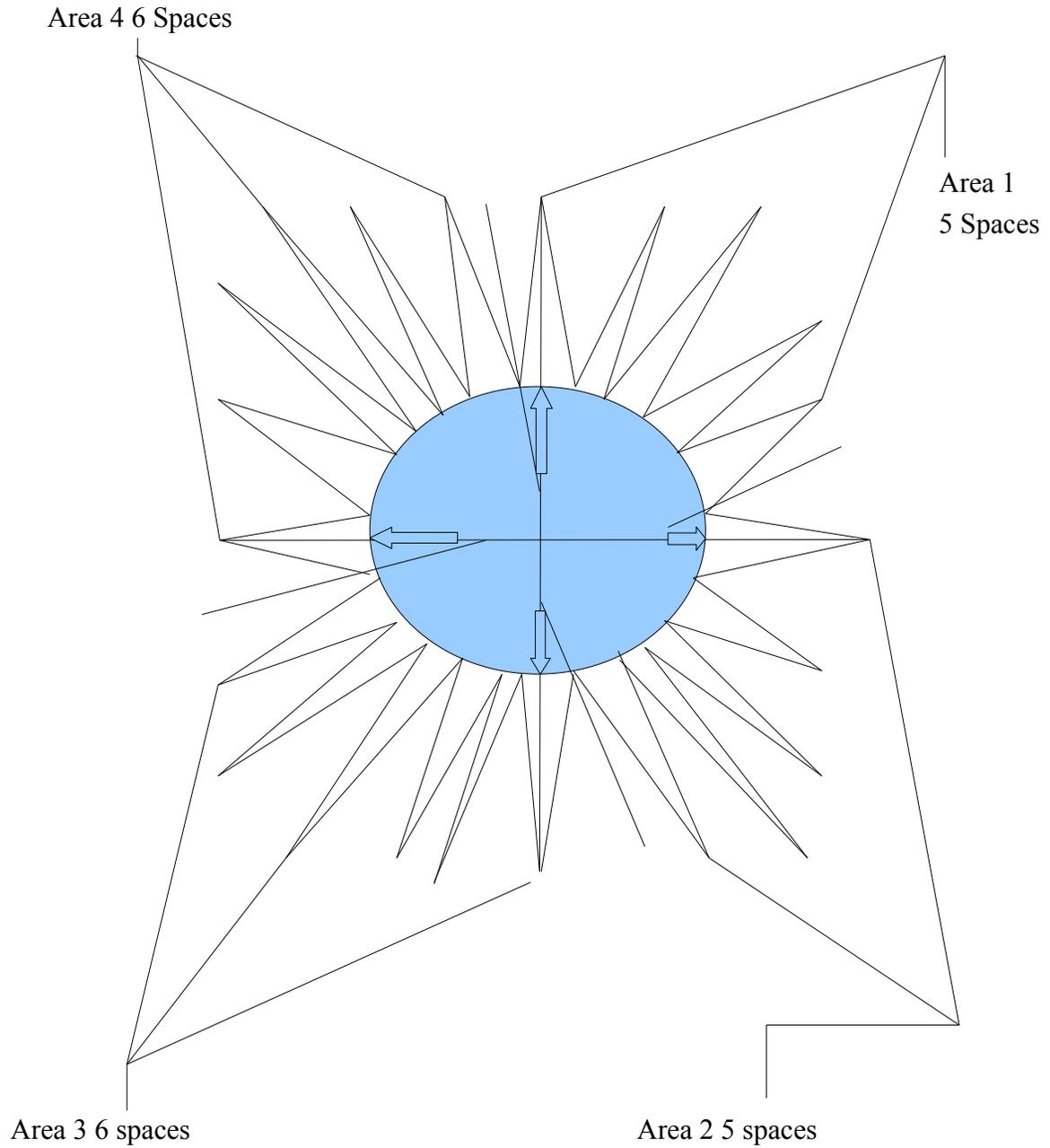
Introduction

Today is 05/27/2011 University Place, Washington. I wanted to take the time to thank each and everyone of you for reading this Scientific work. This paper discusses the following:

- 1). Makes comparisons on the 16 and 22 pointed star
- 2). Demonstrates Non Symmetrical Temporal Spacing
- 3). Proposes 5th Dimension solutions using Electron Neutrinos sub particle
- 4). Utilizes symbols that show Energy Expansion and Exponentiation

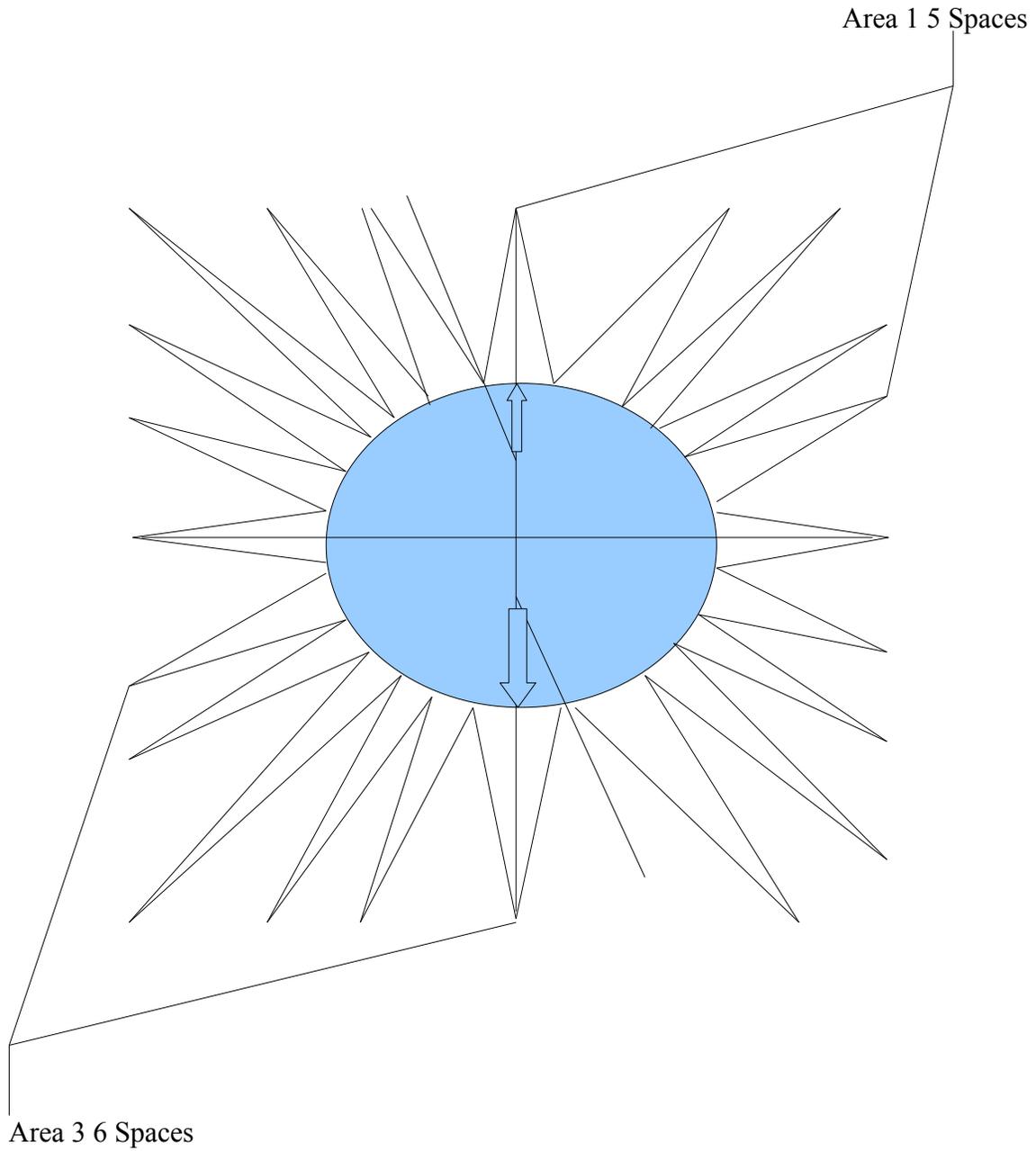
I would like to call your attention to the 3rd Dimension processing this maybe of particular interests to Biblical scholars. Thank you for reading this scientific work.

22 Pointed Star Non Symmetrical Dimension Full View



Area	# of Spaces	External Bit Strength
1	5	2048
2	5	4096
3	6	8192
4	6	12288

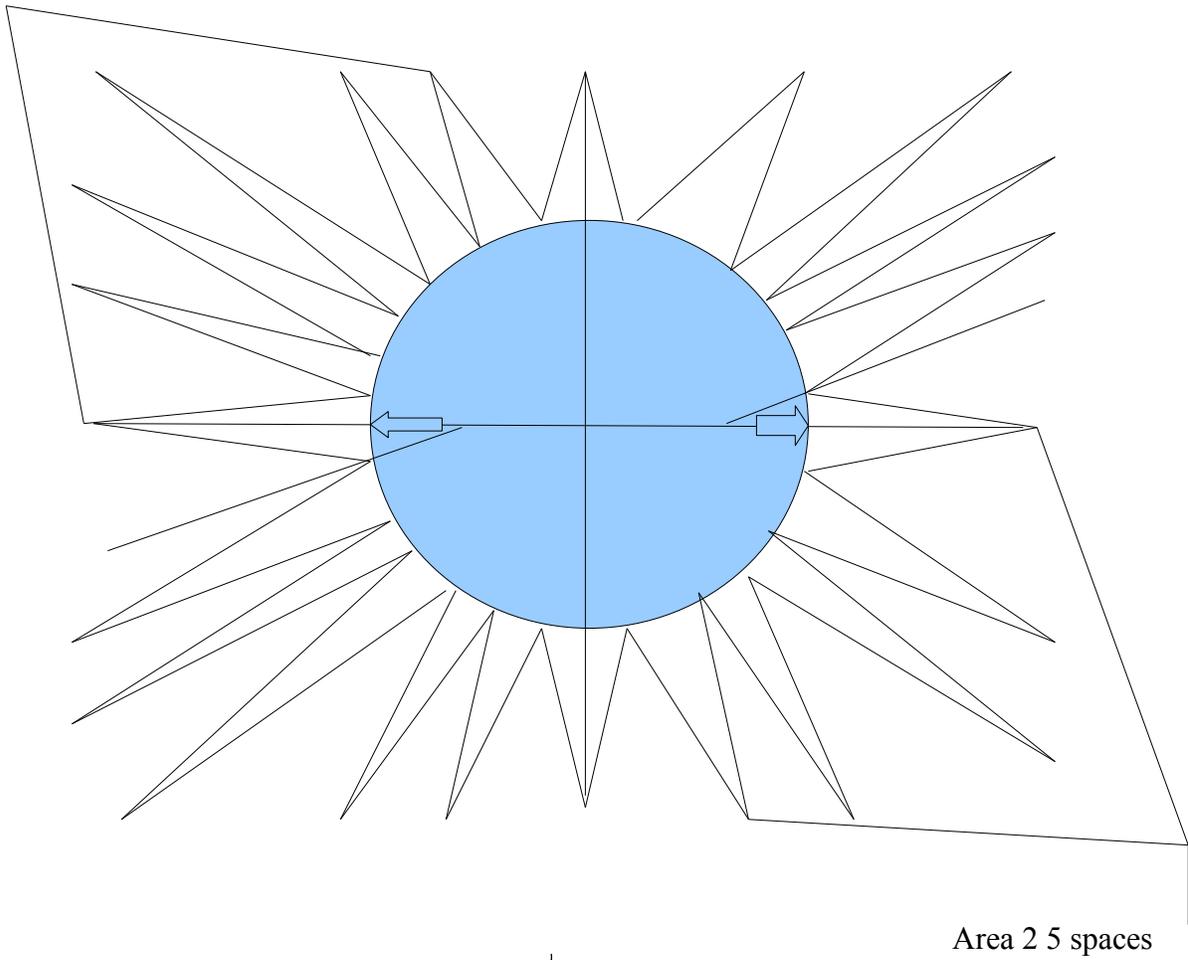
22 Pointed Star Non Symmetrical Front View



Area	# Spaces	External Bit Strength
1	5	2048
3	6	8192

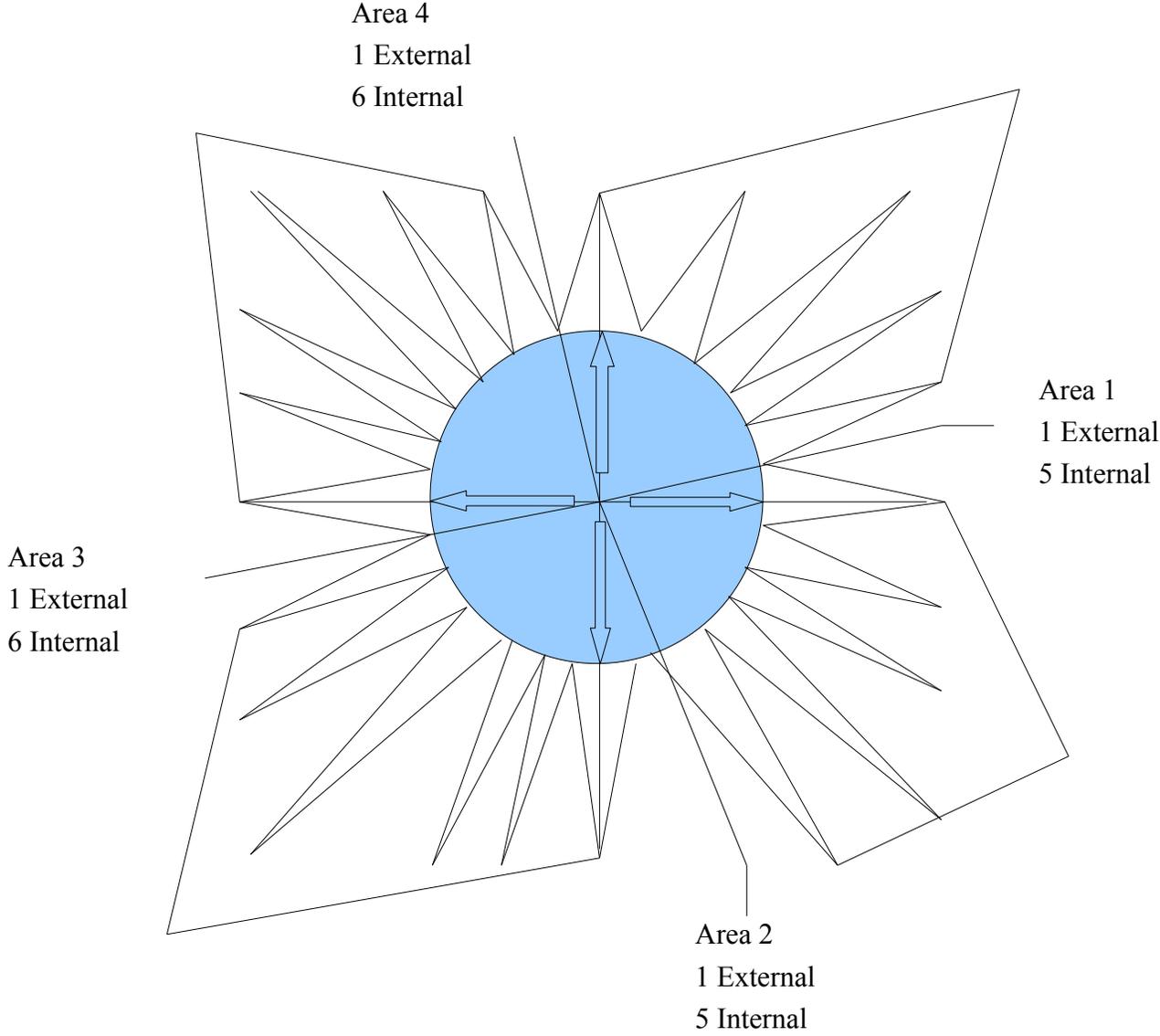
22 Pointed Star Non Symmetrical Side View

Area 4 6 Spaces



Area	# Spaces	External Bit Strength
2	5	4096
4	6	12288

22 Pointed Star Non Symmetrical Full View



Area	External Bit Strength	Internal Bit Strength	Area Spaces
1	2048	10240	5
2	4096	20480	5
3	8192	49152	6
4	12288	73728	6

1st Dimension

Today is 05/24/2011 University Place, Washington. As you can see in the above 4 diagrams, I do not have even symmetry in the spatial Areas example Area 1 has 5 Internal spaces while Area 3 has 6 Internal Spaces. I will not go over the 1st Dimension calculations.

1st Dimension Calculations

Today is 05/24/2011 University Place, Washington. I will begin 1st Dimension Processing using the Barry Equality Field Equation.

We will now begin calculations in the 1st, 2nd, 3rd, 4th and 5th Dimension also differentiating the areas. The following variables are set for the 1st Dimensional Equation

$\&$ = Energy

X = Internal Networks

Y = External Networks

M2 = Bit Strength Exponentiated

M1 = Bit Strength

C = 186,000 speed of light within our Physical Universe

The Barry equality Field equation states the following

$$\& = M2^{\text{nd}} \text{ power} - M1 * (c2 - c1)$$

Because we are within our physical Universe and the speed of light keeps the laws of our Universe in check, We will apply a constant only with the confines of our space ;however, we will not apply a constant in regards to the speed of light in the 2nd ,3rd , and 4th Dimension.

$$\& = (M2^{\text{nd}} \text{ power} - M1) * 186,000$$

$$\& = ((2048+4096+8192+12228)2^{\text{nd}} \text{ power} - (2048+4096+8192+12228)) * 186,000$$

$$\& = (26564) 2^{\text{nd}} \text{ power} - (26564) * 186,000$$

$$\& = (705646096 - 26564) * 186,000$$

$$\& = 705619532 * 186,000$$

$$\& = 131245232952000 \text{ measured in Bits}$$

Total Energy is measured in Bits in the 1st Dimension for the 22 pointed star.. We will now differentiate the areas of the 22 pointed star. . When reviewing the diagrams we find 1 External point Regenerates into 5 and 6 Internal spaces depending on the Spatial Area. The total number of External Networks are 4 and the total for Internal Networks is 22. Our Equation is the following

$$X = 22 \text{ Internal Networks}$$

$$Y = 4 \text{ External Networks}$$

$$DE = 22x - 4y$$

$$DE = (22*(2048*5) + (4096*5) + (8192*6) + (12288*6) - (4*26564))$$

$$DE = (22*(10240 + 20480 + 49152 + 73728) - (106256))$$

$$DE = (22*153600) - 106256$$

$$DE = 3379200 - 106256$$

$$DE = 3272944 \text{ Measured in Bits}$$

$$DE = 1 \text{ Electron volt} = 1.6021764 \times 10^{-19} \text{ power}$$

$$DE = 1597680 * 1.6021764 \times 10^{-19} \text{ power}$$

DE = 962085.20672880010030659358398592 Measured in Volts

I have just completed the 1st Dimension processing in Bits and Volts.. The Interesting note here is this in our 22 pointed star I have Internal Spaces that have uneven Symmetry. The planes extended within the Internal spaces show even symmetry but what this shows is within a Infrastructure example a planet or star shows Dynamic Energy that is not constant within the confines of the External space example our Solar System.. We can see that each planet or star is unique and different thus Symmetry within a System is not constant and is not uniform. I will now begin 2nd Dimension calculations.

2nd Dimension Energy Equation and Voltage /Bit Chart

Variables

D1 = 1st Dimension

D2 = 2nd Dimension

$\&$ = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

Please find the Proposed equation below solving for 2nd Dimension Energy Equations

Energy Equation for 2nd Dimensional = (D2nd- square root of D1)* (m2nd -square root of m1)*
(c2nd- c1 square root)

External Networks = 4 volts

Internal Networks 22 volts

We will now substitute the variables represented by volts instead of Bits

$$2^{\text{nd}} \text{ Dimensional } \& = ((2*2 - \sqrt{1}) * (1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22) - \sqrt{(1+2+3+4)}) \cdot (186,000)2^{\text{nd}} \text{ power} - \sqrt{186,000}$$

$$2^{\text{nd}} \text{ Dimensional } \& = 3*(253-3.1622776601683793319988935444327) \cdot (34596000000-431.27717305695649349467883598002)$$

$$2^{\text{nd}} \text{ Dimensional } \& = 3(249.83772233983162066800110645557)*(34595999568.722826943043506505321)$$

$$2^{\text{nd}} \text{ Dimensional } \& = 25930157202958.524404756277042176$$

1 Electron volt = 1.6021764 v 10-19th power

1 Electron volt = 1.6021764 10-19th power * 25930157202958.524404756277042176

The Differentiating Equation is $De = 44x - 8y$

$$De = 44(1+2+3+4+5+6+7+8+9+10+11+12+13+14+15+16+17+18+19+20+21+22) - 8(1+2+3+4)$$

$$DE = 44(253) - 8(10)$$

$$DE = 11132 - 80$$

$$DE = 11052$$

1 Electron volt = 1.6021764 v 10-19th power

1 Electron volt = 1.6021764 v 10-19th power * 11052

DE = 6655.2536833200006938739123542964 measured in Volts

The Internal mass has a difference of 6,600 plus times greater than the external mass when dealing with difference in Energy masses. The measurement is in Volts if I attempted to measure in Bits this number would have been much greater than the human mind can understand. Please see chart below to understand why it was done this way

Voltage to Bit Chart

Number of Volts	Volts to Bits	1 Electron volt = 1.6021764 v 10-19 th power
1	1024	1.6021764 10-19 th power
2	2048	1.2043528200000001255653116819212
3	4096	1.8065292300000001883479675228818
4	8192	2.4087056400000002511306233638424
5	16384	3.010882050000000313913279204803
6	32768	3.6130584600000003766959350457635

I will now begin 3rd Dimensional Processing. Please find variables used below

3rd Dimension Calculations

D1 = 1st Dimension

D2 = 2nd Dimension

D3 = 3rd Dimension

& = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

$$\bar{\&} = \frac{(D3^{rd} \text{ power} - \sqrt{d2^{nd} \text{ power} + d1^{st} \text{ power}})}{(c3^{rd} \text{ power} - \sqrt{c2^{nd} \text{ power} + c1^{st} \text{ power}})} * (m3^{rd} \text{ power} - \sqrt{m2 + m1})$$

The Equation proposed above shows Internal mass is exponentiated to the 3rd power whereas External masses of m1 and m2 are increased but decreased in the 3rd dimension. The measurement is in volts.

$$\& = (3*3*3 - \sqrt{(2*2+1*1)}) * (253*253*253 - \sqrt{10*10+10}) * (186,000*186,000*186,000 - \sqrt{186,000*186,000+186,000})$$

$$\& = (27 - 2.2360679774997896964091736687313) * (16194277 - 10.488088481701515469914535136799) * (6434856000000000 - 186000.49999932795879580847460254)$$

$$\& = 24.763932022500210303590826331269 * (16194266.511911518298484530085465) * (6434855999813999.5000006720412042)$$

$$\& = 24.763932022500210303590826331269 * 104207773026760763323775.05418272$$

$$\& = 2580594207450834531589036.1429564$$

1 Electron volt = 1.6021764 v 10⁻¹⁹ power

1.6021764 10⁻¹⁹ power * 2580594207450834531589036.1429566

$$\& = 1553972955509538951752875.3714877 \text{ measured in Electron Volts}$$

We will now convert the following according to Wikipedia 1 electron volt (per atom)
= 96.485 kj/mo

I converted Energy into the following:

& = 1553972955509538951752875.3714877 measured in Electron Volts

& = 1553972955509538951752875.3714877 measured in Electron Volts * 96.485 kj/mo

Volts/per atom = 149935080612337865759876180.21799

I will now differentiate the 3rd dimension masses with variables as defined

X = Internal mass

y = External Mass

The 22 pointed star has 22 Internal points and the External has 4 Internal points. The following Differentiates the Energy masses in the 3rd dimension.

$$22 \times 3 = 66$$

$$4y^3 = 12y$$

$$3^{\text{rd}} \text{ dimension } \& = 66x - 12y$$

$$3^{\text{rd}} \text{ dimension} = 66(253) - 12(10)$$

$$3^{\text{rd}} \text{ dimension} = 16698 - 120$$

$$3^{\text{rd}} \text{ dimension} = \mathbf{1.6021764 \times 10^{-19} \text{ power}^* \ 16578}$$

$$3^{\text{rd}} \text{ Dimension} = 1.6021764 \times 10^{-19} * 16578$$

$$3^{\text{rd}} \text{ Dimension} = 9982.8805249800010408108685314447 \text{ measured in Volts}$$

$$3^{\text{rd}} \text{ Dimension} = 9982.8805249800010408108685314447 \text{ measured in Volts} * 96.485 \text{ kj/mo}$$

$$3^{\text{rd}} \text{ Dimension} = 963198.22745269540042263665025644 \text{ kj/mo Electrons per Atom}$$

I will now make some comparisons regarding the 16 pointed and 22 pointed star in relations to the 3rd dimension.

$$16 \text{ pointed Star} \quad 372311.149807990838817001788807 \text{ kj/mo Electrons per Atom}$$

$$22 \text{ Pointed Star} \quad 963198.22745269540042263665025644 \text{ kj/mo Electrons per Atom}$$

Difference of pointed stars 590887.0776447045616056348614494

If you notice the 1st decimal occurs at the 6th digit with the difference of pointed stars located at the 6th digit. Energy appears not to be exponentiating as fast in relations to Electrons per Atom. This would probably indicated that even though energy is going through a expansion it looks like the laws of the Universe keeps the Electrons per Atom from over expansion which shows Energy that is being regenerated into the next dimensions goes through a decay and regeneration process and in relations to our Universe the energy within our universe has constraints placed on it which shows a Natural law of Physics ;whereas, Energy can pass through another Dimension but must incur Energy loss and go through a limited Expansion in the next Dimension.

This completes our 3rd Dimension processing. We will now begin our 4th Dimension processing.

4th Dimension Calculations

D1 = 1st Dimension

D2 = 2nd Dimension

D3 = 3rd Dimension

D4 = 4th Dimension

~~&~~ = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

$$\& = (D^{4\text{th power}} - \sqrt{d_3 + d_2 \text{nd power} + d_1 \text{st power}}) * (m^{4\text{th power}} - \sqrt{m_3 + m_2 + m_1})$$

- $(c^{4\text{th power}} - \sqrt{c_3 + c_2 \text{nd power} + c_1 \text{st power}})$

The Symbol I used is a ampersand with a line in the middle this symbol shows Energy exponentiation after reviewing the Greek Mathematical Symbols they showed constraint within the Universe and would not represent the Equation so in the future instead of using the E variable I will use the symbol just discussed to show Energy Expansion in different Dimensions. I have also added the Equation to show Fermions use a 1/2 Integer spin and what Dimension they are in. The equation is as follows.

 = Fermions

D = Dimension

 = (1/2*D)

The Symbol shows Sub-Atomic structure with the Dimension it is in. This is performed after the Energy is measured in volts per Atom. Please note Fermion symbol and or Equation shows Energy Exponentiated in the Respective Dimension.

$$\& = (4*4*4*4 - \sqrt{(3*3*3)+(2*2)+(1*1)}) * (253*253*253*253 - \sqrt{(10*10*10)+(10*10)+10}) * \\ (186,000*186,000*186,000*186,000 - \sqrt{(186,000*186,000*186,000)+(186,000*186,000)+186,000})$$

$$\& = (256 - 5.6568542494923801952067548968388) * ((4097152081 - \\ 33.31666249791536367119086870386) * (1196883216000000000000 - \\ (6434856000000000 + 34596000000 + 186000)))$$

$$\& = 250.34314575050761980479324510316 * ((4097152047.6833375020846363288091) * (\\ (1196883216000000000000 - 6434890596186000)))$$

$$\& = 250.34314575050761980479324510316 * (4097152047.6833375020846363288091 * 119687 \\ 6781109403814000)$$

$$\& = 250.34314575050761980479324510316 \\ * 4903786154547035557386107305758$$

$$\& = 1.2276292520170898067436617345227e+33$$

1 Electron volt = 1.6021764 v 10⁻¹⁹ power

1.6021764 10⁻¹⁹ power * 1.2276292520170898067436617345227e+33

0.60217641000000006278265584096059*1.2276292520170898067436617345227e+33

7.3924937579063647554631684323293e+32 measured in Volts

4th Dimension = measured in Volts 7.3924937579063647554631684323293e+32 *96.485
kj/mo

4thDimension = 7.1326476023159560343086380619329e+34 kj/mo Electrons per Atom

✧ = Fermions

✧ = 7.1326476023159560343086380619329e+34 kj/mo * (1/2*4)

✧ = 1.4265295204631912068617276123866e+35 Sub-Atomic measured in
Dimensions

This concludes our 4th Dimensional Processing. The subatomic measurement used the $\frac{1}{2}$ Integer spin multiplied by the dimension which it resided in. I felt this was important because I am attempting to show discreet energy that cannot be seen or exactly measured needs to be taken into account. I feel it was 110 percent incorrect when only External Forces or energy is only taken into account so I attempted to continue going down the ladder from the following

Bits	Physical Layer
Volts	Sub Physical Layer
Atoms	Atomic
Fermions	Elementary Particle --> 4th Dimension
Leptons	Electron-Neutrinos --> 5 th Dimension

I have attempted to show that when Internal Energy is taken into account Energy is better harnessed and properly allocated for consumption ;otherwise, Energy that is not fully understood shows a civilization has not progressed and will continue to waste resources that could have been more efficient. I had to create my own symbols because after doing research the Greek Mathematical Symbols placed constraints on it's own system ;therefore, it would not have represented what I was trying to achieve. The Greek Mathematical Symbols in looking at it showed a highly advanced civilization over 2,500 years ago but as time changes so does Math, Sciences, and Physics.

I will now attempt to measure Electron Neutrinos based on the following information in July 2010 the MegaZ experiment suggested the upper limit of combined Neutrino mass is .28 eV also for those who disagree with Neutrinos that do not have mass please refer to the May 2010 Cern report that demonstrated Neutrinos do have mass and change to different flavors showing Intelligent choices.

5th Dimension Calculations

D1 = 1st Dimension

D2 = 2nd Dimension

D3 = 3rd Dimension

D4 = 4th Dimension

D5 = 5th Dimension

~~&~~ = Energy

M = Mass = Voltage Charges

IM = Internal Mass = Internal Networks

EM = External Mass = External Networks

C2 = Speed of Light = 186,000 Speed of Light

L ✂ = Leptons Dimensional Expansion

$$\& = (D5th\ power - \sqrt{d4+d3+d2nd\ power + d1st\ power}) * (m5th\ power - \sqrt{m4+m3+m2 +m1})$$

• (c5th power - $\sqrt{c4+ c3+c2nd\ power + c1st\ power}$)

$$\& = (5*5*5*5*5 - \sqrt{(4*4*4*4)+(3*3*3)+(2*2)+(1*1)}) * (253*253*253*253*253 - \sqrt{(10*10*10*10)+(10*10*10)+(10*10)+(10)} *$$

$$(186,000*186,000*186,000*186000*186000 - \sqrt{(186,000*186,000*186,000*186000)+(186,000*186000*186000)+(186000*186000)+(186000)}$$

$$\& = (3125 - 16.970562748477140585620264690516) * ((1036579476493 - 105.40398474441087277048490169539) * (2226202781760000000000000000 - (1196883216000000000000 + 6434856000000000 + 34596000000 + 186000)))$$

$$\& = 3108.0294372515228594143797353095 * ((1036579476387.5960152555891272295) * (2226202781760000000000000000 - 34596093000.375001680100978074893))$$

$$\& = 3108.0294372515228594143797353095 * (1036579476387.5960152555891272295 * 222620278175999965403906999.625)$$

$$\& = 3108.0294372515228594143797353095 * 2.3076361138493901265050842385719e+38$$

$$\&=7.1722009723086111315182414857147e+41$$

$$\mathbf{1 \text{ Electron volt} = 1.6021764 \text{ v } 10^{-19} \text{ power}}$$

$$\mathbf{1.6021764 \text{ } 10^{-19} \text{ power} * 1 \text{ Electron volt} = 1.6021764 \text{ v } 10^{-19} \text{ power}}$$

$$\mathbf{1.6021764 \text{ } 10^{-19} \text{ power} * 7.1722009723086111315182414857147e+41}$$

$$0.60217641000000006278265584096059*7.1722009723086111315182414857147e+41$$

$$4.318907013123452548348786315738e+41 \text{ measured in Volts}$$

$$\text{5th Dimension} = \text{measured in Volts } 4.3189302333033093135535177740305e+41 * 96.485 \text{ kj/mo}$$

$$\text{5thDimension} = 4.1671198356026979911821116242734e+43 \text{ kj/mo Electrons per Atom}$$

$$\> = \text{Fermions}$$

$$\> = 4.1670974316121631912743264767398e+43 \text{ kj/mo} * (1/2*5)$$

$$\> = 1.0417743579030407978185816191848e+44 \text{ Sub-Atomic measured in Dimensions}$$

$$L_{\nu} = 1.0417743579030407978185816191848e+44 * .28 \text{ eV Neutrino}$$

$$L_{\nu} = 2.9169682021285142338920285337173e+43$$

This equation is not finished because we used the combined 3 flavors of Neutrinos because the masses of Neutrinos are approximately equal we must take the .28 and divide it into 3

$$L_{\nu} = (.28/3) * 2.9169682021285142338920285337173e+43$$

$$L_{\nu} = 2.7225036553199466182992266314692e+42$$

This represents a Electron-Neutrino but now we will have to use a $\frac{1}{2}$ Integer spin meaning we take the solution above and divide it by $\frac{1}{2}$

$$L_{\nu} = 1.3612518276599733091496133157346e+42$$

After conducting research I read that Dark Energy matter may not exist if it is around 1.5 eV. The solution shows that the sub particle beneath the Neutrino is very discreet and hard to detect also advances in particle detection technology must be advanced in order to prove sub particles beneath the Neutrino.

This concludes our studies of Temporal Spatial Equations. I have attempted to demonstrate by each of these papers the complexity of Time, space, and Dimensions. I have also had to demonstrate in a progressive manner how I arrived at these complex equations. Though some people may or may not agree, I have attempted to create new methods, idea's and concepts that hopefully in time Scientist who are open to change may adapt as well and incorporate these works so that Science benefits all of mankind.

My future projects will involve tachyon particles dealing with special relativity. May the Lord Jesus Christ bless each and everyone of you who is reading this.

Dated 05/27/2011

Barry L. Crouse

