

Barry's Post Quantum Cryptography version Three

Part Three

By

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BARRYS SCIENTIFIC BASED
PRODUCTS

Introduction

Welcome and Thank you for viewing this work ! I would like to begin by breaking this Scientific Work down into three phases. I am now in the final phase. I have now completed the Quantum system and keys and in the third and final phase is the Equation being updated and further development along with menu screens and some pseudo code. I have upgraded the data blocks now producing 16384 qubits. The Post Quantum keys used for this system will be unique and different. Quantum bits are created through a photon beam splitter as stated by Wikipedia. I have created the keys to unlock the 16384 Quantum System and have created a double tunnel protocol along with dual thick and thin Fiber optic wiring following the shell within a shell application and principle this insures that IP Packets can be safely encrypted and decrypted with the Quantum keys-Private. The amount of bits needed to produce a 16384 will be 524,288 bits / 32 producing 16384 Characters. I will be adding additional Data protection by masking the following 1 character =512. This means for every one character 512 are produced to mask the character being transmitted. I will also add a virtual system where 1 character = 1 Universe for a total of 512. The first phase was building the 16384 System. The second phase was building the Quantum Keys. You may ask the standard system used or top of the line is 4096. I have built based on experience 16384 keys, Certificates, file systems and have installed 16384 Certificates on browsers hint PKCS12 certificates so this is a workable solution. This maybe a possible way to prevent Quantum attacks on Networks by blending in well known Algorithms with new technology producing keys to decrypt information in a safe and secure environment. I have added some menu screens to show a visual picture and idea how the process may look using Multiple time lines and switch Entanglements. The process first uses entanglement on the switches and than uses the Asymmetrical time lines and shelled within a shell principle.

The Final Product is the update of the **Barry Infinity Equality Field equation** showing the Expansion of Events and using Multiple Time lines The equation is as written:

$$1). \quad \infty = ((\uparrow \mathbf{E}) \Delta(\mathbf{L} \Pi r^2 * d)) / g$$

$$2). \quad \Psi > \infty = ((\uparrow \mathbf{E}) \Delta(\mathbf{L} \Pi r^2 * d)) / g$$

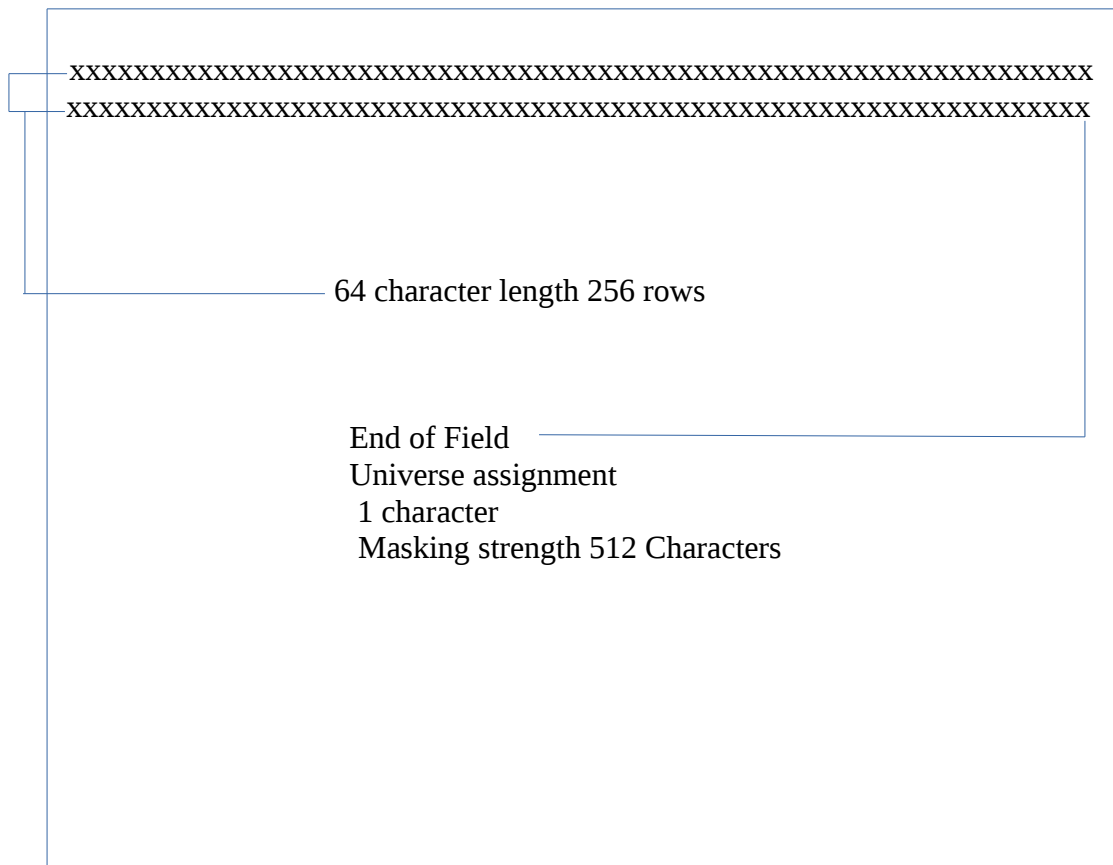
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Post Quantum Cryptography Specifications

The matrix for the 16384 date block is the following 16384/256 length producing 256 rows. One character assigned for a Universe

16384 Data Block

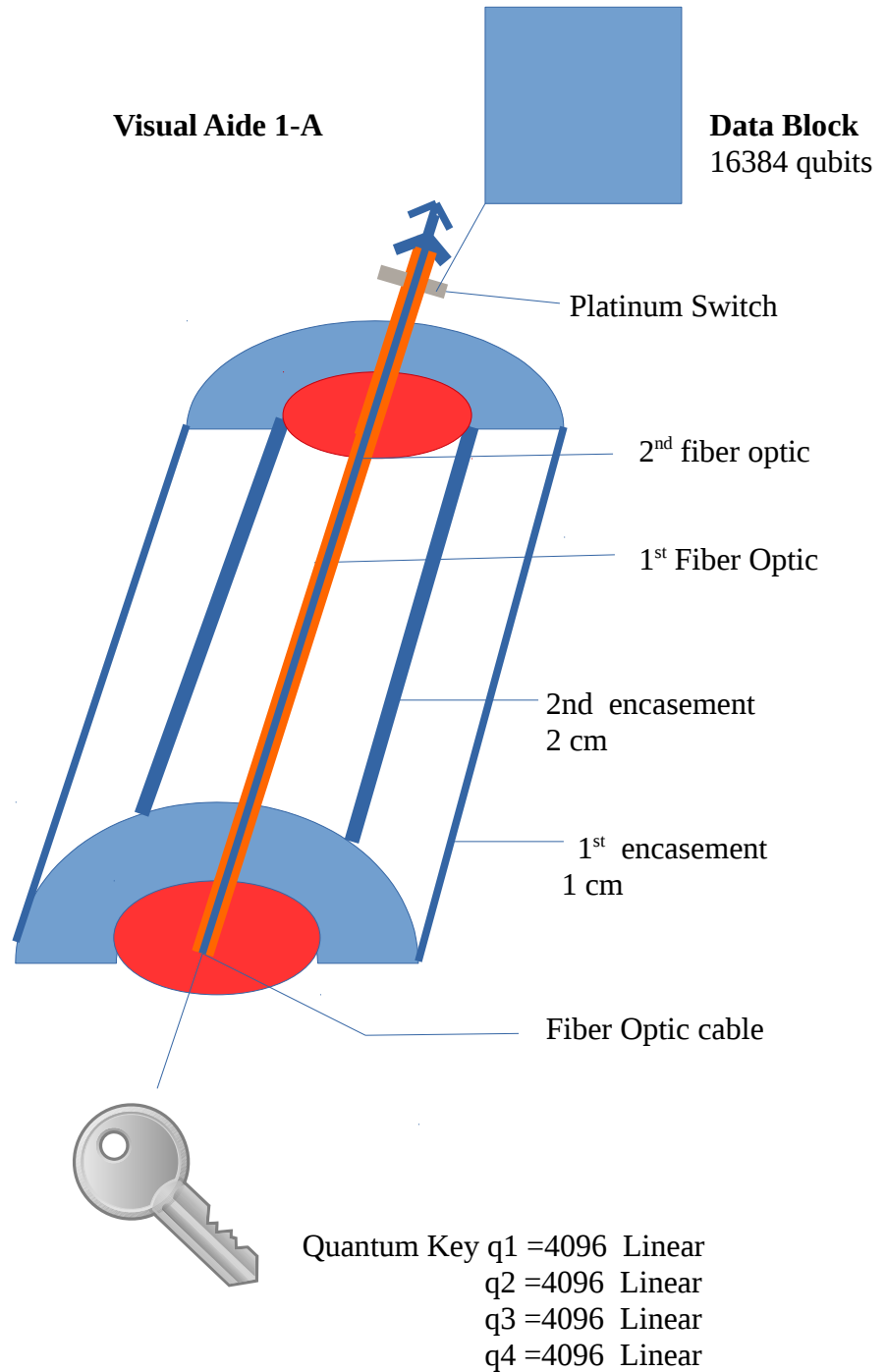


The 256 rows are assigned assigned a Universe character end of the 64 character field. This universe is accessed by the Quantum key private to be built in this copyright. The Quantum Key accesses this Universal Character in random fashion making it possible for the quantum key to utilize 256 rows of 64 characters. I will now turn my attention to the overall specs. This system produces $524288 / 32$ producing 16384 Characters. This means 32 bits equals 1 character. If I want to mask one character it would be 512 per 1 character also this can be used for the Universal character being masked behind 512 character. This would make this type of system uncrackable when sending the block of data, I can produce 32 characters with this type of model. The probability of uncracking the mask is very slight or next to nothing. If you will notice, I have placed in the 64 character field one character for Universal assignment that produces 63 for real data transmitting. The Universal assignment or character assignment can be 1 through 256 numbers or a combination of alphabet and number A – Z; 27 -256. This provides a additional layer of security by having to find which universe this character is located. I have basically produced a two layered security approach by masking 1 character represented by 512 and having to located which Universe the Packet is located. This may seem to be overkill but given the status of servers world wide it should be considered in any future security model. I will now introduce the two layered tunnel system in the next chapter.

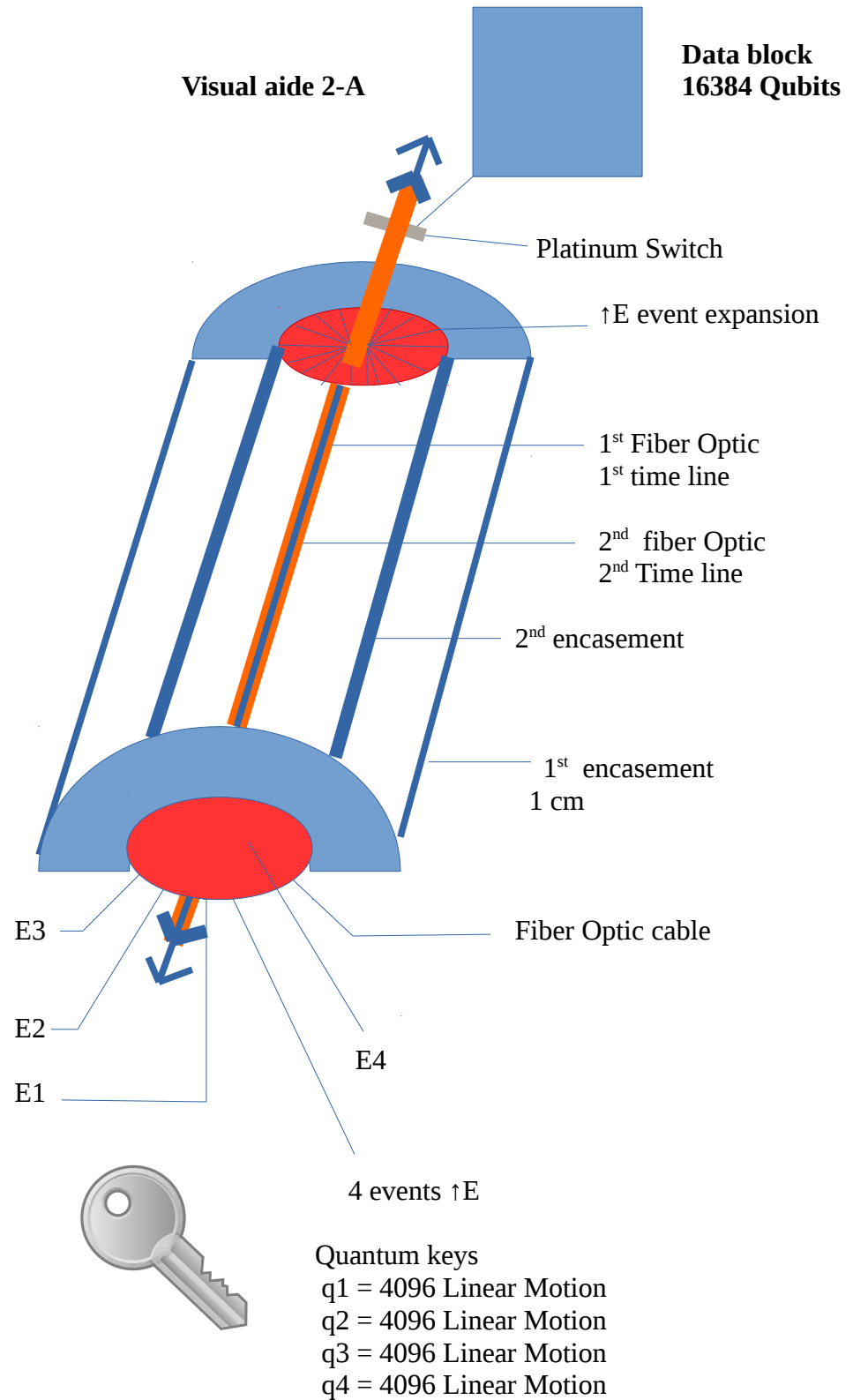
Chapter 2

Two tunnel layered system

I have updated the two tunnel layered protocol to insure data is transmitted in the safest and secured way using Asymmetrical dual fiber optic wires one is thick the other is thin.



I now have a dual tunnel layer system and Fiber Optic wiring to insure data is transmitted in the safest and securest way. I have used tunnel layered systems in IPV6 but I wanted to add the additional layer creating a double layered tunnel and event expansion through dimensional tunnels. Please notice the new variable $\uparrow E$ and Δ Fiber Optic representing multiple time lines.



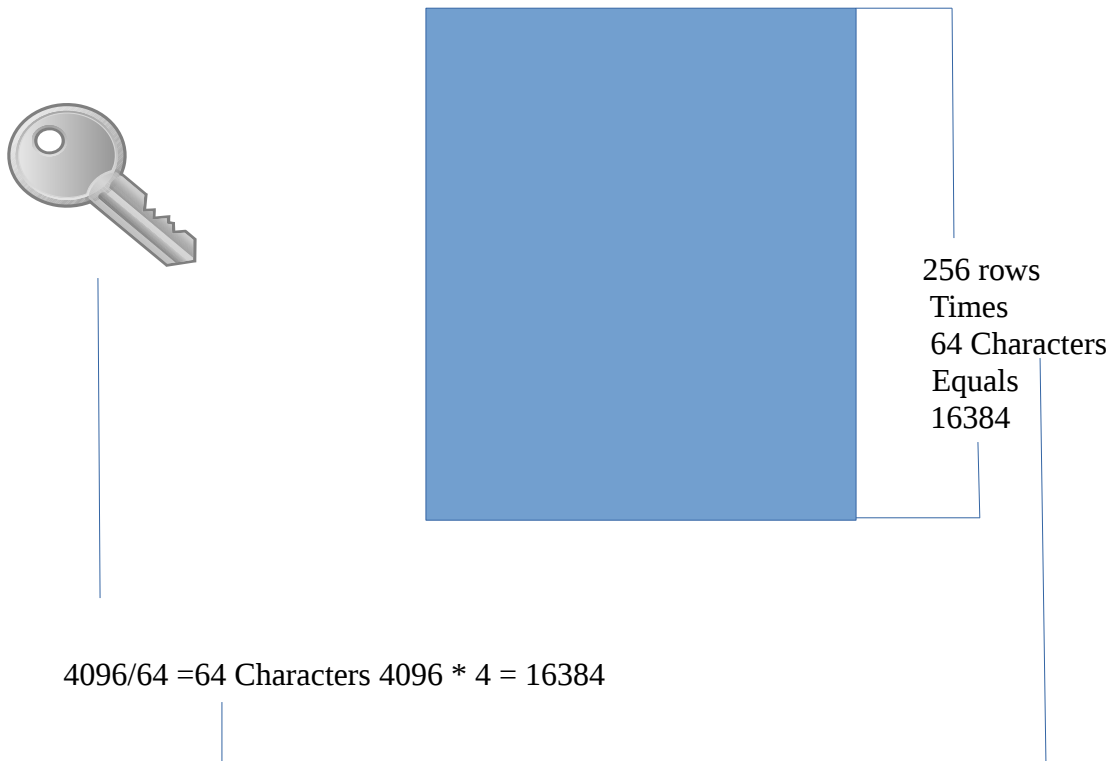
The Fiber Optic Cable is encased twice to protect it from any hacker. This is the Hardware portion of this design. In phase two, This was built adding the keys to allow this to transmit data safely and securely. The communication protocol I will use was $16384 / 512$ equals 32. The reason for this is 4096 bits is transmitted using a communication protocol of 512 so this can be used for 16384 and another reason if I take $2 * 5^{\text{th}}$ power I can create a four dimensional space and counters the number 8 used in many science equations in constant form. The switch used is platinum metal because the melting point is 3200 degrees Fahrenheit and it is not so pricey to use this type of metal. The visual models have been updated 1A and 2A to include the Quantum keys, data blocks, dual fiber optic wiring. I will now explore possible ways to use this to communicate by entangling the off and on switch in dimensional space and create some menu screens entangling and using Multiple time lines. I have also added data strings that are used for Event expansion this will be covered in the next chapter along with the new Equation named **Barry Infinity Equality Equation**. The equation basically expands on the **Barry cosmological dynamic binary position** written several years ago. I would like to comment on the equation. The g variable gravity binding places limitations on this equation. The equation can be used within a defined system but outside of the system that is non gravity dependent it would not work. The equation can be used for time and spatial expansion through binary strings of data in dimensional space and be used for Infinite loops. In COBOL, if you make a mistake by not placing limitations or conditions on goto coding you create Infinite loops within a system that has limitations same principle in this equation that I proposed. The model after completing research is named Quantum tunnelling.

Chapter 3

Quantum Keys

The process of creating Quantum keys is taking a photon beam splitter and using this device to produce the keys. This chapter covers the Post key creation after the photon beam of light creates the qubits.

The key is distributed into the double layered tunnel I created in Chapter two this allows for distribution of the key to goto a secure site. In evaluating this, I have decided that the key has four fields of qubits totalling 4096 each giving a total of 16384. This allows for Random distribution of the Private Keys to secured sites and it is accessed by using the 256 rows that are masked in Chapter one when we created the block of data. The key has to match the 64th Character in the field so the 16384 block of data that has 256 rows and has the 64th character in the field is used for validation and authentication. Please remember that this character is masked behind 512 characters. The key contains four sets 4096 qubits each totalling 16384 see visual below



I have created four sets of 4096 qubits totalling 16384 qubits. If I take $16384/64$ I have a total of **64 characters** so the key equals the 16384 Block of data that is used to set up a matrix 256 rows with each having **64 characters** in math **A equals B**. The key has 4 sets for random distribution so if One key is ever compromised there are still three others to use examples can be Employee theft. Spies, anything you can think of.

Chapter 4

Switch Entanglement

I will now create the Possibility of how the switch can be entangled. As discussed I will now create 16 possibility's using dimensional space. Please note this can be expanded as needed. I have created a menu screen see example Quantum Menu Screen 5-A and 6-A you can first entangle and than use the 1st or 2nd Optic wiring represented as time lines.

1 st Dimension	1 = on	0	= off
Entanglement	1 = off	0	= on

4 chances

2 nd dimension	1 = on 0= off {on}	0= off 1 = off
2 events 1 time line entangled	1 = off 0 = on {on}	0 = on 1 = off

4 Chances

3 rd dimension	1 = on 0 =off 1 = on {on}	0=off 1 =on 0=off
3 events 1 time line entangled	1= off 0 = on 1 = on {on}	0=on 1 = on 0 =on

4 chances

4 th dimension	1 =on 0=off 1 =on 0=off	0=off 1 =on 1=on 0=off
4 events 1 time line entangled	1=off 0=on 1=off 1 =on	0=on 1 =off 1=off 1 = on

4 Chances

As you can see each dimension has 4 events nice and symmetrical but as you can see as more events are added on one infinite time line it is not so symmetrical but asymmetrical each time line is expanding variables and possibility's. In example 4-A, I am showing a Multiple Linear Time line one is Atomic and the other is Subatomic this now shows time is dynamic and the Equation can be rewritten now as a result of using Multiple time lines I have created a example so that those who insist on a constant state in science **have just been shown why they are just plain wrong.** The idea of $8\pi r^2 / G$ just does not work here either because I have 16 not 8. I can bind the quantum or qubits to Gravity but as far as $8\pi r^2$ should look more like $16\pi r^2$ * linear space looks a little more workable see example below.

$\infty = ((\uparrow E)) ((\Delta L \Delta \pi r^2 * \Delta d)) / g$. This shows I am recognizing time and space as Dynamic and infinite along in a system and subsystem binded to gravity. I am recognizing both linear and Elliptic as Infinite not assigning a constant number but dynamic that is expanding within our Universe and greater than the speed of light random variable. The $\uparrow E$ shows in the above example that the number 8 or 16 is being expanded by a string of events through sub atomic particles that are binded by gravity within our Universe. In this equation, I use both Δ linear and Δ Elliptic space as being Dynamic and asymmetrical. The ΔL represent Linear space time {1, -1, 0, > d}. The ΔL variable recognizes 1 = positive space time, -1 = negative space time, 0 = null or empty space, d = fractional space time basically anything greater than the speed of light example 2nd dimensional space. Example 4-A below shows Dynamic Time Lines thus expansion of Events is multiplied by the change of Linear and Circular and the d variable this principle is called shelled within a shell. The d variable is now tied to dynamic time lines. The Equation uses the Greek symbol Δ to show change in the L, π , and d variables binded by gravity. I can create a distributive property for these variables by rewriting the equation below:

$$\infty = ((\uparrow E)) \Delta(L \pi r^2 * d) / g$$

In the Key creation, I created 4 sets of keys 4096 qubits each creating a subsystem that arrives at the total 16384. I have just provided a example of the L variable with a subsystem. I could have created 3 sets for the Quantum keys $8192 + 4096 + (\sqrt{4096})$ 2nd power as another example of a subsystem that compresses Fractional and expands positive space time. The equation that is being used is Quantum Cosmology.

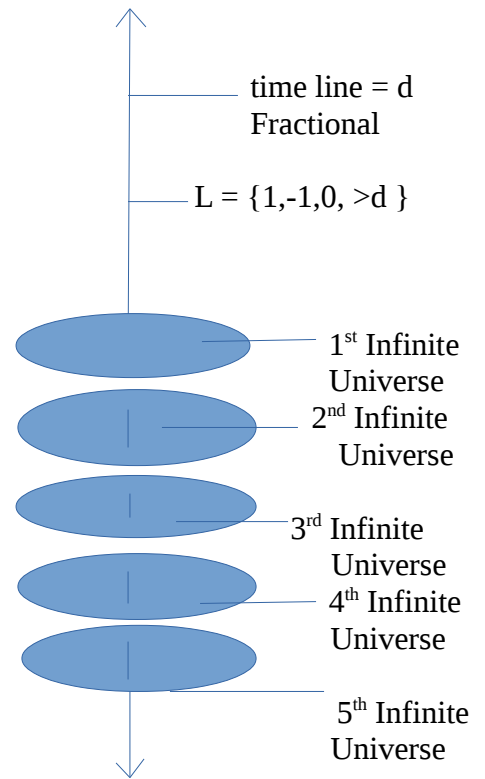
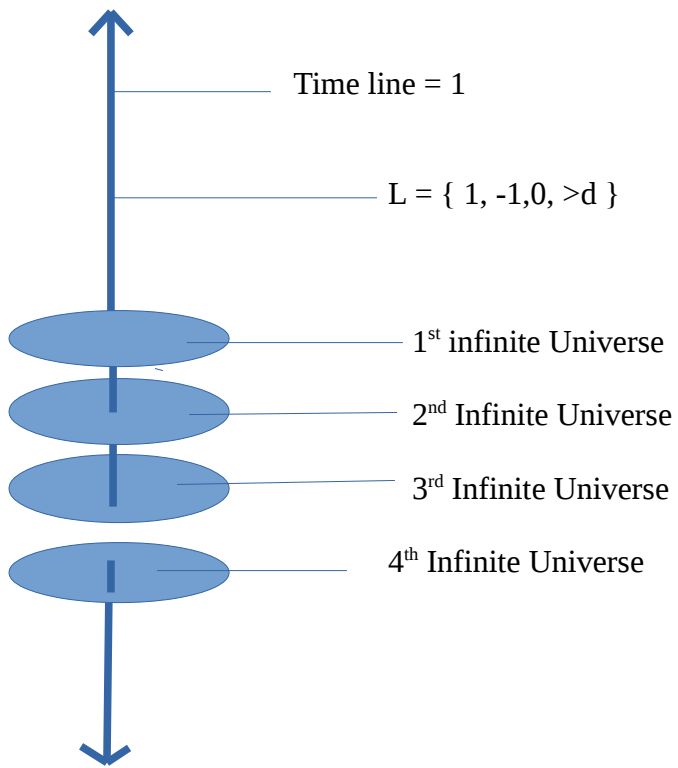
I have to add additional information because some people came out on my last approved copyright and asked about No Point Boundary's by Stephen Hawkins and Associates. Please note I have updated the equation to show $\Delta (\Pi * L * d)$ The triangle (Greek symbol) shows Change of Pie, linear and dimensional space also this can be used in subatomic particles with Regular Particles as shown as $\Delta \Pi$ shows Dynamic and Asymmetrical. I would like to make a statement after completing research I found that some scientist classify my model as a no point boundary in Physics. After viewing the model by Hawkins, there are distinct differences as follows:

1). Hawkins and Associates use 1 time line for no boundary time lines. I use Multiple Atomic and Sub Atomic represented as Infinite.

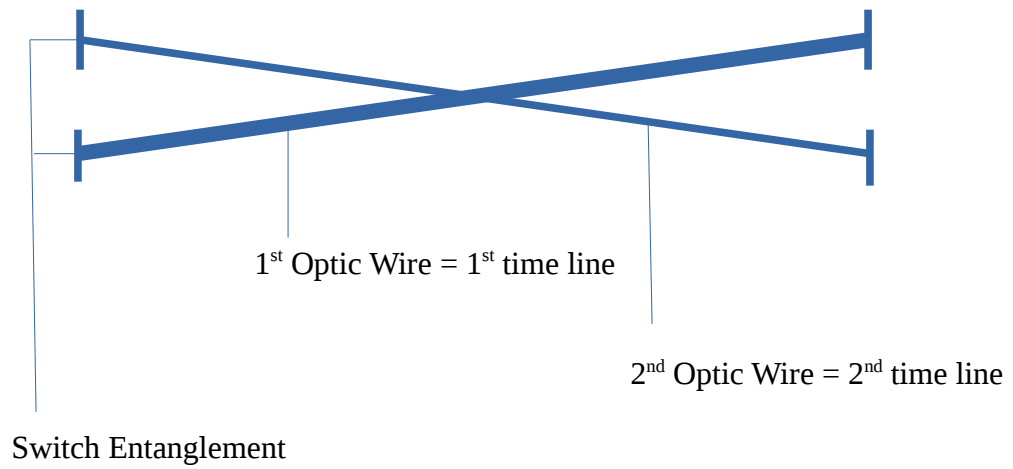
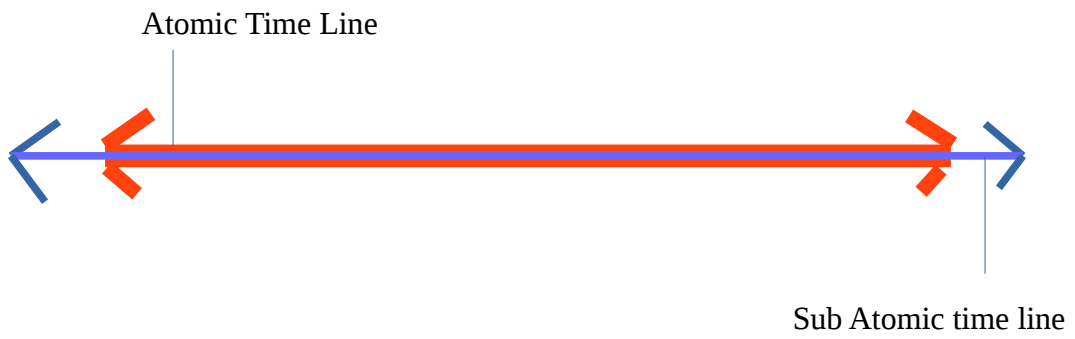
2). Hawkins and Associates use a "Replacement Theology" for their statements regarding God, Time and space accepting as always existed before the Big bang following the 1st law of Thermo-Dynamics "Energy cannot be created nor Destroyed". My Equation is based on God as being above Time and space and has always existed before. This falls under Intelligent Design vs Secular view.

3). I did notice that Hawkins and Associates use a combination of Linear and Curvature motion to describe their model but from the looks of it it has no dimensional space or drawing to reflect the other side or make a attempt to show it. if you traverse dimensional space Hawkins and Associates just cannot reconcile this notion of Dimensional space where particles do not recognize our time and space and exceeds past the speed of light. My equation has this ability unifying particles that decay subatomic to Atomic creating a **Quantum Cosmology Theory on Unification of the 1st and 2nd dimension using a tunnelling effect.**

Example 3-A



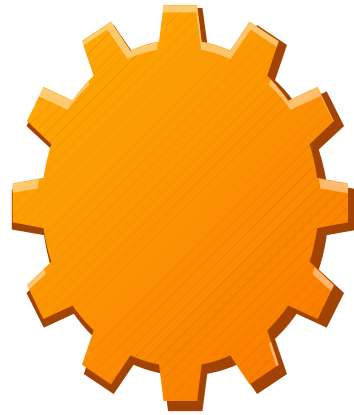
Example 4-A



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Quantum menu Screen 5-A

- 1). 1st Dimension Entanglement
- 2). 2nd Dimension Entanglement
- 3). 3rd Dimension Entanglement
- 4). 4th Dimension Entanglement



```
If "1" goto Quantum Menu Screen 6-A  
  else  
If "2" goto Quantum Menu Screen 6-A  
  else  
If "3" goto Quantum Menu Screen 6-A  
  else  
If "4" goto Quantum Menu Screen 6-A  
  else  
  exit
```



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Quantum menu Screen 6-A

- 1). 1st Optic Wire = 1st Time Line Entangled Switch
- 2). 2nd Optic Wire = 2nd Time Line Entangled Switch



Chapter 5

Final Thoughts

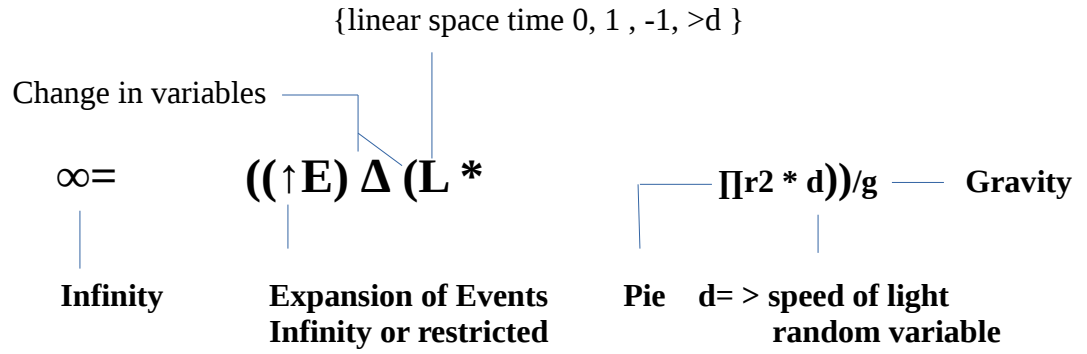
I have finished building this Post cryptographic system by using a 524,288 bit system using 16384 characters as a block of data. The communication protocol is 512 bits well known. The keys are in sets of four sets of 4096 each totalling 16384. The method used 16384 blocks of data with 256 rows with 64 characters and it equals the 64 character field Quantum key. A=B

I have also created a double layered tunnel system and Dual Fiber Optic wiring representing multiple time lines that can be entangled with switches see menu screens 5-A and 6-A. This helps prevent system attacks also using platinum metal that has a melting point of 3200 degrees Fahrenheit. One of the key features here is expanding a time line of events in multiple dimensions this basically refutes constant form equations with assigned variables instead demonstrating dynamic energy that can either take the form of symmetry or asymmetry. I have updated the equation combining subatomic particles recognizing infinite time and space but is binded within our system. The Equation expands on the Barry Cosmological Dynamic Binary Position written several years ago.

1). The process I used falls under quantum tunnelling

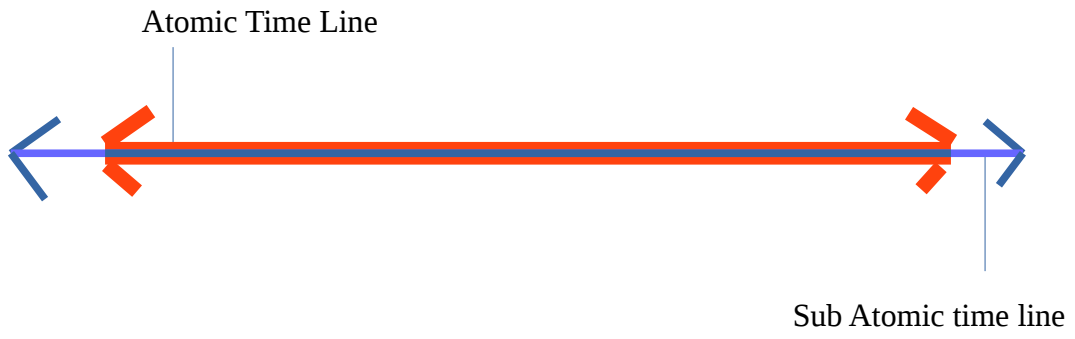
2). The equation falls under Quantum Cosmology and based on Intelligent Design-God with the final equation below showing dynamics and Asymmetry

Barry Infinity equality Equation



$$\infty = ((\uparrow E) \Delta (L \pi r^2 * d)) / g$$

Infinite Time Lines No final point (Expansion)



Barry Infinity equality Equation

$$\infty = ((\uparrow E) \Delta(L \pi r^2 * d)) / g$$

The equation shows now subatomic particles are infinite through expansion of multiple events and time lines using a string of dimensional events multiplied by multiple elliptic and linear space also recognizing fractional space time binded to gravity within our Universe. I would like to also note subatomic particles have been tested and found to exceed the speed of light so because of this fractional space time must be recognized in any serious equation. The L variable recognizes 1 = positive space time, -1 = negative space time, 0 = null space, d = fractional space time example you divide 372000 and 186000 depending on your calculator you arrive at $.5 < 1$. The variable π is a infinite symbol pie. The d = random variable anything greater than the speed of light example $.5 = 372000$, $1 = 186000$. I have to add that this equation does not support Singularity reaching a final point in space because Energy cannot be created nor destroyed 1st law of Thermo Dynamics. I wanted to point out that if you notice in the Equation there is only expansion but no decay this can be updated if you wish to use a decay of Events by simple using exponentiation. I have also included a decay of linear time lines as a example to show multiple time lines that change see examples below:

1).
$$\infty = ((4-2) \Delta(4096-2048 \pi r^2 * d)) / g$$

This is only a example how this can be applied and used Expansion and decay in this scenario. The equation can be completed showing Asymmetry and Dynamics also the door has been open for Asymmetrical super string theory to be introduced using the ΔL variable but that is another topic in itself.

$$\Psi > \infty = ((\uparrow E) \Delta(L \pi r^2 * d)) / g$$

The final Equation shows the Divine Authority-God is greater than our Universe and this equation thus the idea of Energy as being constant cannot stand because God created the Universe along with time and space when it was null and void so the only real conclusion can be that God is above the Infinity of the Universe.

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