
Part XIII Evolution and Consciousness

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Before we shine a light on another one of the 4 Essential Elements of the universe that are key to solving the enigma of the simulation puzzle, we should take a look at life on Earth. The Torah says it stretches back about 5778 years. Evolution says it stretches back hundreds of million. And before we look at the math involved in that, let us consider creativity as a possible bridge to hyperspace. For anyone that has not been following this series from its inception, you can find the [entire work here](#).

How does creativity occur? We conceptualize an innovated shape, add a few tweaks, maybe even a few more weeks or months of study, then we get a 3-d printed prototype of some new product, invention, or innovation. It is not always so simple, but that first step is where the whole process collapses before it even gets started. That first thought of an innovative shape did not just happen. Consciously or unconsciously you went through millions upon millions of variations and iterations of your insightful invention. This is how you came up with the *one* that fit your search criteria that you came up with on your own, or that you may have had an embedded memory of from a prior consciousness journey. You obviously did not have time to do that consciously. If you have access to a powerful computer and AI system, it can already do that for you.



Nevertheless, right now most of do not. So that leaves unconscious access when we are

sleeping or daydreaming. What happens is that we are unwittingly accessing hyperspace. The cosmic simulation program can work that same trial and error program millions of times faster than our best computers and it does not cost us anything. It can also add both intuition and an access to a vast library of final products from parallel and past simulations to speed the process even more. You simply go to sleep, thinking about a problem you want to solve with as many aspects of it that you think need to be incorporated in it, and then you wake up with the answer. Some of us just stare off into space and it happens.

Kabbalah calls this Light. It speaks of G-d as an all sharing force. It speaks of our world as the land of restriction, a realm where that all-sharing light is restricted, limited. Yet, one world away it is there for us and easily accessible to our consciousness. That is indeed all-sharing. Yes, there is a formidable opponent in this world, simulated or not, but we were given all the tools we need and then some to win.

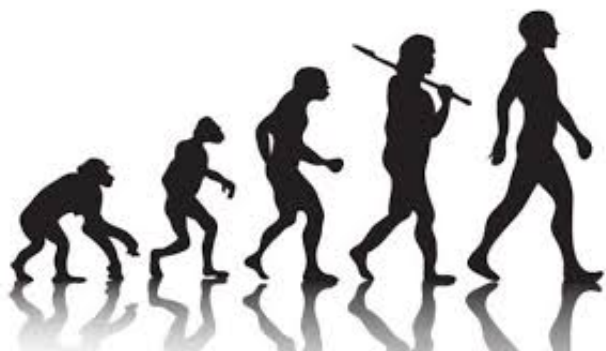
Since we do not have the brain power to go through all the myriad design options on our own. We cannot process and eat food fast enough for our body conversion mechanism to generate enough energy for our brains to operate on that level. We were not designed that way; there was no reason for it, since our consciousness could tap into those resources for free. Free Energy. Tesla was working on it, and yes, he most probably found it. All-sharing.

Given our physical limitations, there are two possible processes.

1) Our consciousness taps into the enlightenment, a higher-level environment, where our consciousness gets briefly integrated into a plasmatic universal consciousness until the task is completed. Then when it disengages, we wake up. During this time period the body must go on auto-drive as the consciousness is disengaged. Note, the simulation does not pause, we just sleep through it.

2) There is an algorithm within the simulation that allows the player to temporarily suspend play while requesting a necessary download from the program. The program does all the processing as per the parameters of the request and once the download is complete the player resumes. We see the analogy to this in our video games when a player receives a new weapon or materials. Some people get really skilled at this and accumulate and switch weapons and materials at a high rate. They win the contests. In “real” life simulations we say they are really good at thinking on their feet. They tend to be very successful by our standards, though not necessarily evolved at all. It depends on what they do with that thinking.

Based on what I have seen and read about the first option is more probably, though it can also be a combination of the two possible systems that are incorporated seamlessly within our simulation matrix.



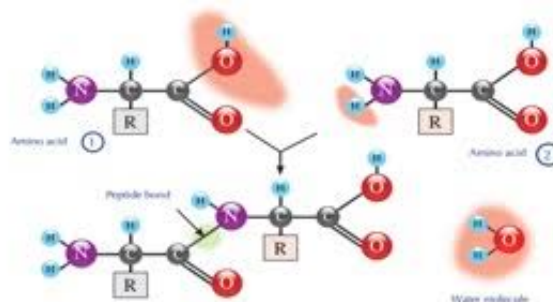
This takes us back to evolution. Darwin’s theory, an academic livewire, maintains that all life forms mutations and the resultant mutant traits that prove advantageous for the individual go through natural selection and get passed on to the species. The problem is that the mutations do not just happen on the surface or the skin level. They must first occur on the protein and

gene sequencing level, and then after a long, complicated process and possibly many years, or even generations, appear on the surface. Moreover, there is nothing stopping more than one mutation from happening simultaneously, and several ultimately beneficial mutations may get canceled out long before they can take hold. In fact, whatever caused the mutation is likely to cause numerous ones at the same time. These include radiation from thousands of open air, atmospheric, and oceanic nuclear tests. They include environmental toxins in our homes, offices, schools, food packaging, food products, fields, farms, waterways, airways etc. They include chemical byproduct additives purposely added to our water, prepared foods, and genetically modified foodstuffs as well. They include geoenvironmental skies full of metals and salts that blanket the earth in white veils that greatly increase UV and storm intensity. They give us very beautiful but odd pink, purple and orange sunsets and lots of double rainbows, but at the expense of blue skies and our health.

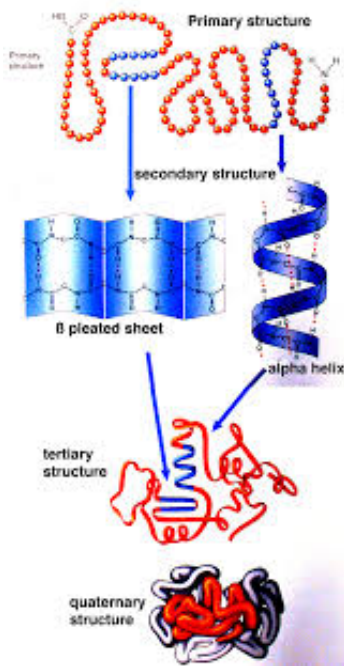
The Numbers Do Not Add Up



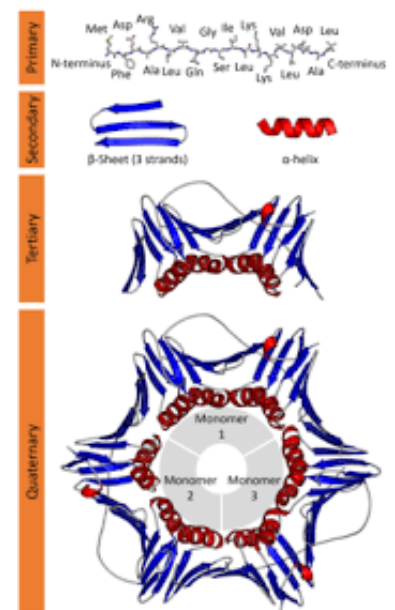
All those are topics for another day. One of the basic flaws in Darwinism is that there are 10^{195} different and possible combinations of amino acids that need to be sorted through to create an original small protein. Then for every successful functioning protein structure there are 10^{77} that do not work, far more than the number of atoms in the Milky Way. Since scientists estimate that there have been 10^{40} different organisms or all sizes and kinds that have existed in the history on the earth in the last 3.5 billion years, it means that by evolutionary methods only



$1/10^{37}$ of all the possible protein structures could have been searched. In other words, **not even one new functional protein could have formed on earth** in all that time, let alone species, phylum, kingdoms and civilizations. And that is being extremely generous because it assumes every procreative attempt included a mutative experiment, when our observations show it was in actuality a rare occurrence.

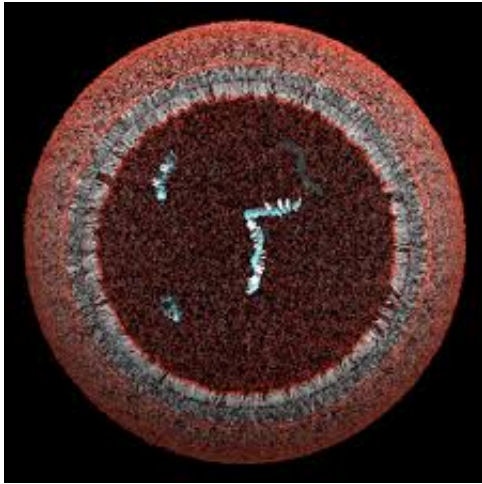


These numbers are not mine. Some came about through simple combinatorics like we used at the outset of this series with the chances of the *alef-bet* working out so perfectly as they did. The rest of the numbers were painstakingly produced in rigorous laboratories using strict peer reviewed scientific and academic methods. That some of the numbers align with our Torah numbers, well that would only make sense in an intelligently designed universe. Indeed, the possibility of creating that very first protein is $1/10^{164}$. Good luck. That would take more time than scientists think the universe was in

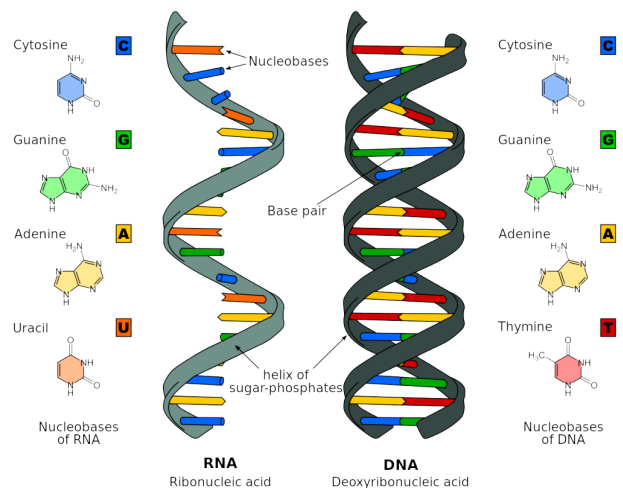


existence. Even if they got lucky. They would have to get lucky a dozen more times to create the other mechanisms in a cell, and all those lucky happenings would have to occur within a singular cellular membrane because all the mechanisms must integrally work together within a safe protective environment before life and evolution could move on. Moreover, because they cannot exist without the support of one another, all that luck would have to happen simultaneously. Sure makes intelligent design sound a lot more plausible! Moreover, unlike our product innovation, where you have to run through millions of iterations that mostly result in structural, functional, or esthetic failures, with life and biological evolution,

most of those trillions of iterations end in catastrophic failure, known as death.



In fact, if all 20 components of that first extraordinary protein survived the UV saturation, the lava flows, solar winds, and asteroid attacks, and had been present collectively and then by some chance miracle that first extraordinary protein came into being, without all the other cellular components being present, it simply would have died.



Way down the evolutionary road, even if a few of the mutated organisms actually get born, they may turn out to be ineffective, unattractive, a weakened variation, or even a deadly one that may not reach its full potential like schizophrenia until 20 years later, or something else that does not take hold for several generations because it is a recessive gene and must meet up with someone else with the same mutation. Only then does natural selection take place, which does not explain why schizophrenia would get passed down, or autism would be such a successful trait based on its rapid rise and frequency in the 100 years since the first radio and TV broadcasts.

What if a mutation occurred that made people more susceptible to cancer at age 40, yet also made them slightly more attractive, would it not have a degenerative effect on the population? What if a mutation occurred that made people less susceptible to cancer, yet also made them slightly less attractive, what are the chances of it getting passed on?

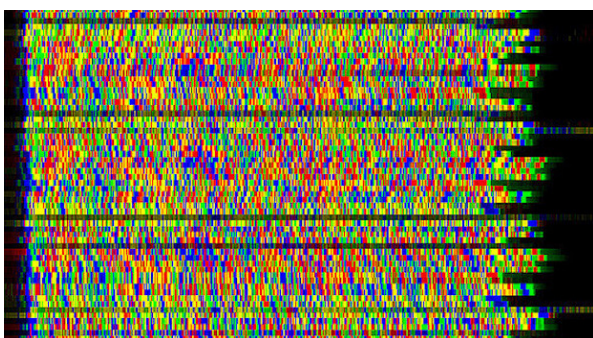
What if the greatest beneficial mutation of the generation got swallowed up in a plague, a battle, a fire, or even a random flu? It would seem that the random benefit of a successful mutation would face similarly random chances of not surviving.



If a single beneficially sequenced code mutation can make someone more fit, smarter, or more attractive, is it not more likely that a single sequenced code mutation would kill off, maim, or somehow be harmful to someone? How many chances do we get? It is not like each couple has hundreds of kids. It also seems like we are “evolving” to have less children. It is a lovely theory based on hyper-inefficiency. It is also not remotely possible. Without divine guidance or intelligent design interference, it is almost impossible for a single successful mutation to work its way into a higher organism. It does not ever work timewise on micro-organisms.



You realize that in order for a mutated trait to be passed it must occur in either the chosen egg or the sperm and if it survived in one of the millions of sperm not chosen or dozens of unfertile eggs it would be lost forever. For a healthy baby to be born, the mutation would have to be that one in a trillion one that by *chance* causes no harm, as its code affects every cell in the developing embryo and fetus. Then, of course, the child would have to survive to adulthood and procreate and if that code did not get deactivated in the commingling with its counterpart genetic material that trait might finally get passed on.



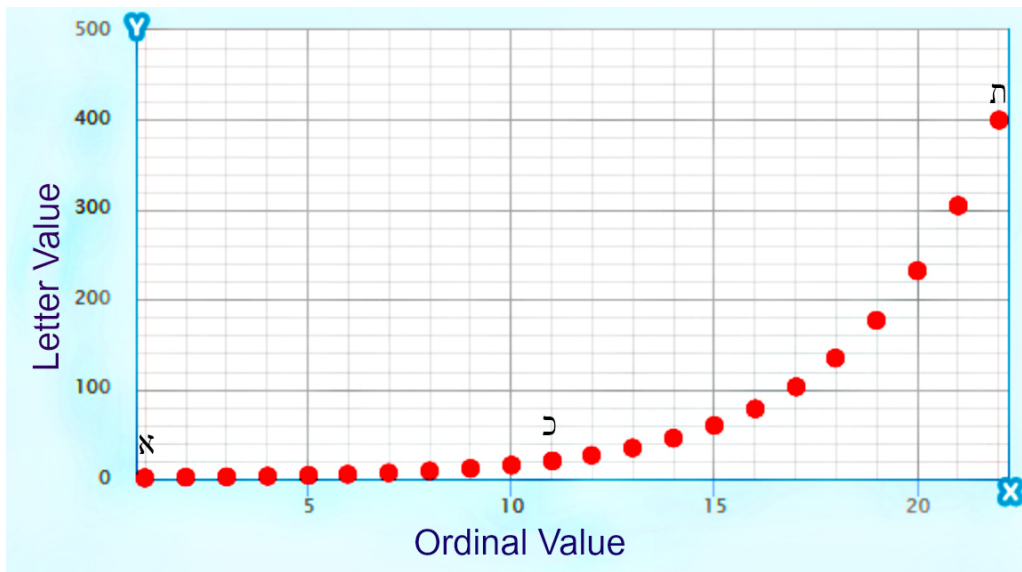
Now, you are probably thinking about small changes when we said trait, like hair color. The

larger the change, the less likely for the organism to survive, and if it did, to find a mate. So, if it is so impossibly difficult to make small changes how would we ever get from a baboon to a human? You can run the math, but it would probably take more time than we attribute to the age of the universe, or for sure, earth. But evolutionary biology tells us it had to start with a chance encounter of molecules, then eventually single celled organisms. How many successful mutations do you calculate it took to get from an ameba to the Baboon? Never mind that we were told by those same adherents of evolutionary biology that at several different moments in earth's history, nearly all life was wiped out by asteroids, ice ages, volcanic eruptions, floods and other natural causes.

The Problem of Novelities

There is also the "problem of novelties." Take the stomach for example. How many mutations did it take to create a functioning stomach? Though what good would that have been without the simultaneous chains of mutations to create intestines, an esophagus, mouth, teeth, jaw....? That problem exists on every level of evolution and in every process.

What about before the amoeba? Each individual cell is chock full of mechanical features and biochemical processes that require numerous complex components, each one essential for it and the cell to function properly. Where Darwinism falls flat yet again is that until all this multitude of disparate components are in place and working together in the aggregate, they are completely useless to the cell and the future of life. Therefore, there was no selective advantage to assembling them in the first place. Every step of evolution seems to mandate divine intervention so that the random component will work out positively 95% of the time and so that the trial and error process will work out for the most part without error. The truth is that unless the entire coding of the organism is viewed and taken into account in order to test out an improvement through multiple corresponding changes, there is not enough time in the universe for short segments of code changes to affect a generational string of incremental improvements. Finally, like the patterns in the constants, the prime numbers, the dimensions of the solar system that we have highlighted, which are probably a small fraction of what is there once people start looking for them, there are undoubtedly patterns in our DNA and protein sequencing, and in our "evolution." Our lives resulted from a string of random coincidences that happened to repeatedly be beneficial and do the impossible at impossible speed, out of an infinitesimally large number of possible wrong choices. There must be an underlying and guiding pattern, or blueprint there. It is just a matter of looking for it. You can start with the hint provided by the Creator: the four(4) nucleotide bases in [nucleic acids \(DNA\)](#) that code for [amino acid](#) chains in [proteins](#) are adenine (A), guanine (G), cytosine (C) and thymine (T), and their Hebrew initials (????) add up to **424**, *Moshiach Ben David*. With their ordinal value they have a complete numerical value of **460** as in **10 x 46** Chromosomes. And like the **3**-letter root in the Hebrew language the language of DNA is arranged in **3**-letter codes made up of these **4** letters, **3** (?) of whom (???) were the **3** letters that conformed perfectly to the *alef-bet* exponential function.



Whether we find the pattern, or not, the rules that evolutionists believe belie the very laws of nature they cherish. Evolution violates the second law of thermodynamics because it supposedly causes order to arise from chaos, repeatedly and endlessly. The creation of life defies entropy every step of the way from its inception; entropy is a law of physics the dynamics of our entire universe is predicated upon.

Darwinism may explain how attractiveness, strength, and intelligence can get more concentrated in certain segments of the population and it makes sense for those beneficial traits that do survive the daunting gauntlet, but big picture it is a total failure and impossibility. It also fails to explain how traits like intolerance and ignorance are spreading so rampantly; is there a flaw in the evolutionary process or are there other intervening factors.

Information

This brings up yet another flaw in evolutionary biology: Information. Where does it come from? We have seen it purposely embedded in the constants of the universe, and we have seen it embedded in the Torah long before man was capable of intelligent writing, but what about all that information encoded in our DNA? Did that too, like the origins of life, just happen by random chance. Our chromosomes and DNA are long strings of information, 6.4 billion nucleotides long and like computer coding they tell the components of life what to do. They are not consciousness though; if they were then computers would have consciousness too. They are not life in of themselves, but they are the source code for life and for maintaining life. But who programmed them?

Our DNA strands are raw information, very specific and crucial information. Like the words on this page, changing only a few points of grammar or punctuation can change the meaning of the information and drastically alter the outcome of events. For example, "Great hit, Jack!" is not the same as, "Great, hit Jack!" Accuracy is extremely important, especially where life is concerned and so is intention. Higher level information presupposes that the information can and will be used to illicit a specific response. Higher level Information does not come about spontaneously. There is no example of that anywhere in the universe. We can infer things from non-intentional information, like that contained on the surface of a random rock. Some can even speak the language of rocks, but anything we glean from the rock is inference, our interpretation, not actual unequivocal information meant specifically for transmittal. Random typing is information, lower level worthless information, gibberish. Gibberish in DNA is

a dead-end, and results in death. There are 100,000 characters in a novel. Imagine trying to randomly type 100,000 characters and create a flawless masterpiece. Even if you had 100,000 typewriters, they would all still be spewing out random gibberish each and every time. Nevertheless, there are 6.4 billion nucleotides in the human genome, meaning that the equivalent in writing is not randomly typing just one 100,000-character masterpiece, but an entire library of 64,000 of them. You would have a better chance of physically counting all the atoms of the universe.

Which brings up one final question, if one believes in the hyper-fast, one-in-a-quintillion-quintillion evolutionary biology theory, why are not humans better? If evolution could create life, speed us through the food chain, create these miraculously accurate banks of information, and usher in consciousness so seamlessly and so quickly, how come we are not incrementally smarter, more sociable, stronger, more flexible, faster, healthier, happier, more attractive, less inclined to hatred, or less willing to kill each other? How come no mutations for any of these attributes worked their way through mankind; why did the mutations stop at the quarterbacks. Everything was happening at lightspeed, why did it slow down to a crawl and stall out when it reached mediocrity?



It appears that some people looked at the beginning and the end and



invented a process that defies all the laws of physics to get from point A to point Z, and everyone was quick to buy into it so they would not have to contemplate the alternative. What they did was akin to seeing a vein of marble in the earth and then Michelangelo's David, and conclude that it was formed by erosion. And that does not even include the jump to life and then

to consciousness.

Consciousness

Two questions arise, even if this one-in-a-quintillion scientific miracle of life did unfold without the hand of the Creator:

1) What is life without consciousness? Without consciousness, how is life any different to the universe than simple self-replicating carbon chains. Does life without consciousness add anything to a stoic universe? At the end of a day, year, 20 years, or 120 years it becomes a puddle of carbon again.

2) How did consciousness come about? Was it a Darwinian mutation, a single mutant nucleotide or fortuitous flaw in the genetic coding that suddenly gave rise to consciousness? When did this happen? If evolutionary biology could condense billions of years into a couple hundred thousand it could theoretically separate homo sapiens from apes, but they would still be primitive, using primitive tools, only standing taller and much less hairy. So unless you believe in prior advanced civilizations on Earth, which means you already believe in advanced intelligence in the universe, then you would have to match science with the Torah and conclude consciousness “spontaneously” arrived in a single person (Adam) about 5778 years ago.



Though without divine intervention, that would have taken another one-in-a-quintillion scientific miracle. How many different mutations had to occur correctly and in sequence before one of them formed a what-if network in their head and decide not to run away from a forest fire, and instead turned, grabbed a burning branch, brought it back to his cave, kindled some dried wood that he would have had no need to previously gather and start cooking with it. And is that even really consciousness?

If it were so easy genetically to jump the shark, we would be having conversations already with our pets and seafood. And we would be a whole lot more afraid of our mechanical carbon and silicon based A.I. systems suddenly sprouting consciousness.

Finally, without consciousness what was the motivation for proteins to assemble, life to form, and DNA sequencing to run through quintillions of random mutations? If they did not have a consciousness and thus an end-goal, why would inert substances exhaust all that energy with nothing to gain? It is hard enough to install drive in many of our kids, let alone in a rock. How does this make any sense at all? It defies the laws of physics.

Darwinism and evolutionary biology are beautiful theories on paper and on high school whiteboards, but they do not add up. We do not even need to bring religion or divinity into the equation. If the math does not add up, you need a new theory. As far as fantasy and fiction, the one laid out in the Torah is the least farfetched of the two competing theories, especially if you combine it with a type of simulation theory.

Tree-of-life

Kabbalists call the Tree-of-life a metaphor for the 10-dimensional 3-column parallel structure of the universe. What if it was also literal? What if the Tree-of-life was also what evolutionists, botanists, biologists, etc. call it, the branching Tree that includes all the forms of life on earth. That would literally mean that Adam (man) was warned not to mess with this Tree that G-d created, and not to mess with DNA, and moreover that the evolutionary process was G-d's. And what has man been doing for the last 50 years or so? Messing with the Tree. We have done more in the last 100 years to force mutations upon life, and in the last 20 year to directly manipulate our own DNA than has occurred in the entire history of our planet, in direct violation of the very first thing the Creator warned us about. Just a thought.

The Image of G-d

Genesis 1:27 "And God created man in His own image, in the image of God created He him; male and female created He them."

“וַיִּבְרָא אֱלֹהִים אֶת-הָאָדָם בְּצַלְמוֹ, בְּצֶלֶם אֱלֹהִים בָּרָא אֹתוֹ: זָכָר וּנְקֵבָה, בָּרָא אֹתָם.”

There is so much hidden knowledge here.

Just to begin to unfold this we have a possible reference to the E_8 root lattice in **248**-dimensional Lie algebra through "In G-d's image (????????) (????????)" of numerical value **248**. Out of the **13** words in the verse, the word created (?????) is repeated **3** times, and according to the kabbalists the word image (?????) has the same gematria as *Etz* (tree) because it refers to the image of the **10** sefirot (dimensions) of the Tree-of-life. As we explained much earlier in the series, the full tree is comprised of **3** iterations of the **10** sefirot (dimensions) or $10^3 = 1000$. In [G-d's] image (????????) has the complete gematria of $(162 + 45) = 207$, the gematria of Light (???) , the opposite of physicality. The value **45** as we have previously explained is that of Adam (Man) and the aspect of the Tetragrammaton associated with the dimension of Man.

Meanwhile, both "In G-d's image (????????) (????????)" and "in the image (????????)" begin and end with *Mem-Bet* (??) or **42**, just like the **42** journeys of the soul and the **42**-Letter Name of G-d.

So, one interpretation of "in the image" is in the likeness of G-d, which itself is very odd, because if you believe in a true Creator, why would He have any of the limiting aspects that are in man. How could He? Another interpretation is that an image is an image, a projection, a simulated reality. Within the image of G-d He created him, male and female. Within the simulation He created him, male and female. This could refer to a nested program simulation, but it may make more sense as a simulation system directly set up by G-d. Moreover, the phraseology "image in the image" would suggest a lower image within a greater image, or a base simulation within a higher-level one.

There is much more here, but let us get on with the more concrete stuff.

Pronic Numbers and the 8th Dimension Hyperspace

There is another pattern to the even Pronic Numbers that formed a path through the wilderness

from Egypt to Exodus. That is $[x_{n-1} + 8(n-2) + 14]$ where n = the level of the Pronic number within the square spiral. There is a reason beyond reason that the number **8** is critical in this pathway to Exodus, as we will see shortly. Before we do, and before we examine one element of the **4** Essential Forces, the **72** Triplets, let us consider the **112** Triplets and note that **112 = (8 x 14)**.

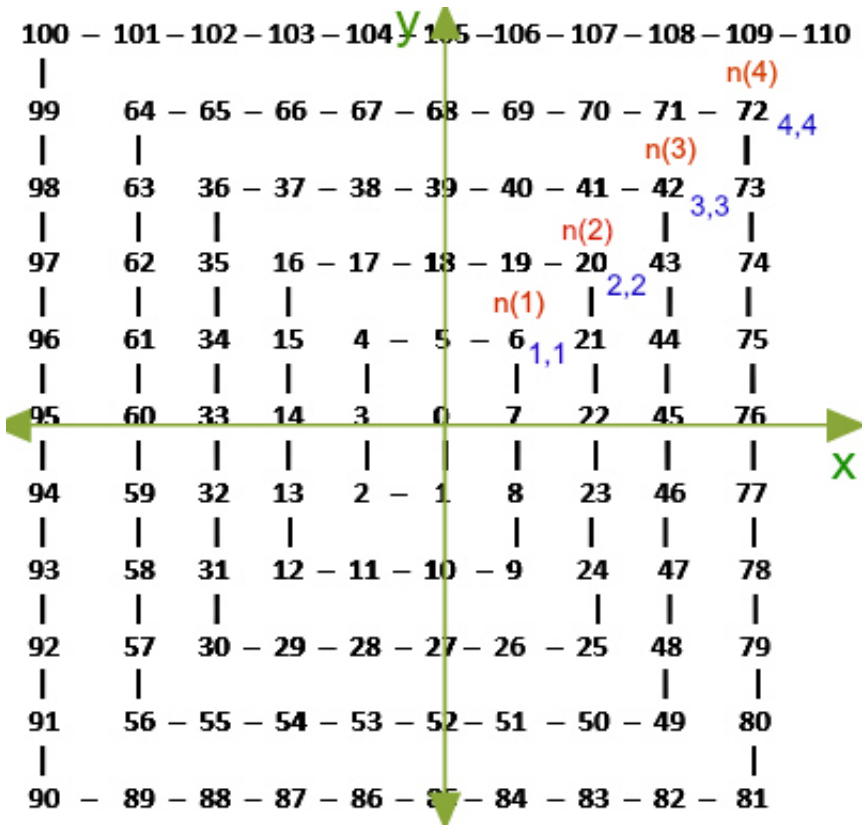
$$f(x) = x_{n-1} + 8(n - 2) + 14$$

$$(8 \times 14) = 112$$

$$f(x) = (2n)^2$$

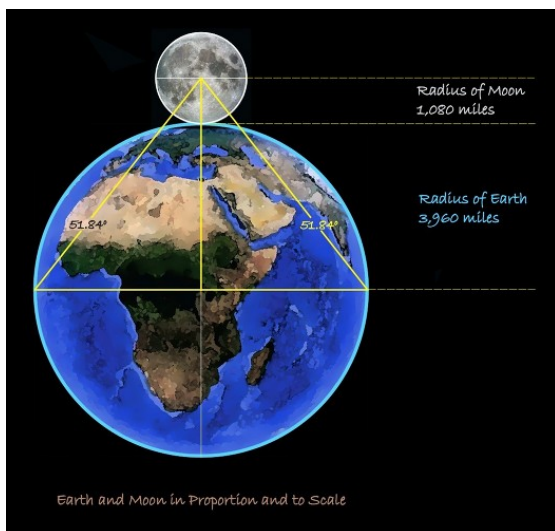
$$a(n) = 2n(2n + 1).$$

These patterns within the number spiral are not magic, they are mathematical. There is also a concrete mathematical reason that **8** works into the Pronic number equation and it has to do with the Pronic numbers forming a diagonal of the square spiral. That they align with the Torah's Exodus number is, though, somewhat magical, at least by the limitations of our physical world. When contemplating the number spiral, envision an x, y axis through the central "0" so that each number would have their own (x, y) grid point, which would correspond to the number of rings they were from the central "0" point. That would also mean that each (x, y) grid point on a diagonal would be equivalent to (n, n) so when calculating any diagonal, even ones that do not go through the central "0" point, each number is necessarily some iteration and variation of (n x n) or n^2 . Moreover, because the spiral is square and each expansion (iteration) expands outward on the corner by 1 unit on the x-axis and 1 unit on the y-axis, each expansion by one ring (level) expands outward by (4 corners times (1+1)) = **8** units in total. Numerically, this means that with each expansion set, whether (6,20,42,72...) or (5,18,39,68...) or (5,19,41,71) or (4,19,36,64), etc. the difference between the numbers increases by **8** more than the previous one.



Hidden Clues and Data in the Pronic Integer Spiral

If we extend out the spiral 56 levels, we would get to the 56th Pronic number whose pair 112 x 113, can possibly be said to correspond to the 112 Triplets. The corners of the Pronic square formed by the 56th Pronic number sum to the Pronic number 50400. This is, though, a more compelling argument for the 112th even Pronic number as corresponding to the 112 Triplets. That number is 50400, or 10 x 5040, which is the product of the 1st, 2nd and 3rd even Pronic numbers combined (6 x 20 x 42), which is also 120 (years of Moses' life) X 42.



We have already explained that simple math converts these consecutive Pronics to 7! or (7 x 6 x 5 x 4 x 3 x 2 x 1), and that 5040 miles is also the sum of the Earth's radius and the Moon's

radius together, which brings us to the purpose of this discussion. There are 5 Books in the Torah, and the name of the 4th Book has a value of **248** while the value of the 5th Book has a value of **256**. The sum of these two is $(248 + 256) = 504$, like the midpoint of the 91 doubled words running through the Torah, with each word having a numerical value **504**. What is this like? There are **50** chapters in the 1st Book of the Torah and **40** in the second, where we find the 10 Commandments halfway through at chapter **20**. So, while the Torah, which is integrally connected to the number **248**, is housed in the Ark of the Covenant of numerical value **256**, the **248** dimensions of the E8 Lattice are included in the E8 Lie algebra and **256** is both 2^8 and also **8** more than **248**.

Are these clues? Is it also a clue that $(5040/8) = 630$ and $(504/8) = 63$, the numerical value of the Tetragrammaton aspect associated with *Binah* (the hyperspace dimension)?

It is a function of **8**, that the integer spiral is based in increments or **8**, or is it a clue as to a connection between the *Binah* hyperspace dimension and the seemingly innocuous ordering or the integers?

And if these associations keep connecting us to *Binah* and (????????????), what about $(5040/112) = 45$, the Tetragrammaton aspect associated with *Zeir Anpin* and Man (????????????)?

And what about the **4** Essential Forces reflected in the **112** Triplets, which can be factored into $112 = (8 \times 14)$ as we saw above relating to Pronic numbers? Is it a reflection of **8**, representing *Binah* and **14**, as the gematria of *Yad(??)*, meaning hand? Do we see the Hand of G-d in this? Are we meant to see it?

יוד-הי-וי-יהי

יוד-הי-וא-יהי

יוד-הא-וא-הא

יוד-הה-וה-הה

Is *Yad(??)* found at the beginning of every aspect of G-d's Name (????????????)? Is *Vav* (?) there as well, the letter of numerical value **6**, the first even Pronic number? Does the second even Pronic number, **20**, represent the fusing of the two in *Yud* (??), the first full letter in G-d's Name? Does the third even Pronic Number **42**, represent the spelling out of the first two letters (?? ??), or the same two masculine energy letters? What about the fourth even Pronic number, **72**, does it represent the full aspect of G-d's Name (????????????) at the higher level of *Chochma* (Wisdom)? And somehow this was all built on increments of **8**.

יוד-הי-וי-יהי

Clues are meant to be followed, like the yellow brick road.

100	–	101	–	102	–	103	–	104	–	105	–	106	–	107	–	108	–	109	–	110
99		64	–	65	–	66	–	67	–	68	–	69	–	70	–	71	–	72		
98		63		36	–	37	–	38	–	39	–	40	–	41	–	42		73		
97		62		35		16	–	17	–	18	–	19	–	20		43		74		
96		61		34		15		4	–	5	–	6		21		44		75		
95		60		33		14		3		0		7		22		45		76		
94		59		32		13		2	–	1		8		23		46		77		
93		58		31		12	–	11	–	10	–	9		24		47		78		
92		57		30	–	29	–	28	–	27	–	26	–	25		48		79		
91		56	–	55	–	54	–	53	–	52	–	51	–	50	–	49		80		
90	–	89	–	88	–	87	–	86	–	85	–	84	–	83	–	82	–	81		

72 Triplets

There is a unique structure to the **72** Triplets. Keep in mind throughout this section that the letters that form each Triplet come from 3 separate verses of the Torah, one of which is purposely taken in reverse order. And please do not forget that the sum of their **72** square roots for the **72** Triplets was **720.0** and the sum of the square roots of the **9** rows was **280.0** for a total of **1000.0**

והו	ילי	סיט	עלם	מהש	ללה	אכא	כהת
הזי	אלד	לאו	ההע	יזל	מבה	הרי	הקם
לאו	כלי	לזו	פהל	זלך	יזי	מלה	זזהו
נתה	האא	ירת	שאה	ריי	אום	לכב	ושר
יזזו	להזז	כוק	מזד	אזי	זזעם	רהע	יזז
ההה	מיכ	וול	ילה	סאל	ערי	עשל	מיה
והו	דזי	הזזש	עמם	ננא	זית	מבה	פוי
זמם	ייל	הרזז	מזר	ומב	יתה	עזו	מוזי
דמב	מזק	איע	זזבו	ראה	יבמ	היי	מום

We know that the number **702** is the Pronic Number resulting from the Tetragrammaton pairing (26 x 27). This is why **702**, with its connection to Shabbat and with the location of **42019** in Pi, is all the more relevant with its connection to the **72** Triplets. The value **702** is also the sum of the **9th** row of the **72** Triplet Matrix, the final **8** Triplets. The number **702** is dramatically graphic at the bottom of the **72** Triplets, whose some of square roots is **720**.

In descending order, the **702** row is the **9th** and final tier. The value **702** divided by **9** for the **9th** row is **78**, which is the value of the triple Tetragrammaton (???? ???? ????) as explained by the Arizal. Then, the value of the **9th** row, **702**, divided by **8** for the **8** columns, in other words the average value of the **8** Triplets of the **9th** row, is **87.75**. Could this be an allusion to **5778**?

The 1000 Year Shabbat

To the kabbalists, there is a **1000**-year period called Shabbat that is supposed to be soon upon us. This **1000**-year period is an elevation beyond our physical realm and commences once the final redemption occurs. It is also an interim period, as yet another elevation occurs once that simulation period is concluded. The number **1000** stems from the energetic value of *Alef*(?) as **1000**. Each millennium is counted as another steppingstone or tier toward evolvment, the final redemption. We are currently concluding the **6th** millennium, corresponding to the **6** *Alefs*(?) in the Torah's first verse. They foresaw two additional periods of **1000** years each, though they are both beyond time.

והו	ילי	סיט	עלם	מהש	ללה	אכא	כהת
הזי	אלד	לאו	ההע	יזל	מבה	הרי	הקם
לאו	כלי	ליו	פהל	זלך	ייי	מלה	זזהו
נתה	האא	ירת	שאה	ריי	אום	לכב	ושר
יזו	להז	כוק	מנד	אני	זעם	רהע	יז
ההה	מיכ	וול	ילה	סאל	ערי	עשל	מיה
והו	דני	הזש	עמם	ננא	זית	מבה	פוי
נמם	ייל	הרוז	מצר	ומב	יהה	ענו	מוזי
דמב	מנק	איע	זכו	ראה	יבמו	היי	מום

Let us continue. Since the total value of the 72 Triplets is 9143, and the first row of the 72 Triplets has a value of exactly 1143, the remaining 8 rows have a value of exactly 8000, or on average precisely 1000 per row. Hmm! Eight (8) periods of 1000?

If you recall while discussing the Pronic Numbers and their Exodus path from Egypt, the sum of the first 8 even Pronic numbers was 888 or 8 x 111, or 8 *Alafim*, which is also 8 x 1000.

The value 8000 for the remaining 8 rows would also form a cube of 20³ or 8000, as in the tower of truth hidden within the center of Joseph's Pyramid. This is the tower of 20 stacked nested cubes from 1³ to 20³, for a total of 210 units in height and a volume of 44,100 cubic units or 210². Also, since the sum of the Torah's first 3 word's lengths is 19.99, just about an even 20, the first three words together can form a separate cube of 20³ or 8000, possibly reflective of the Torah's 2nd word's 203.

והו	יֵלֵי	סִיטָ	עֵלָם	מֵהֵשׁ	לִלְהָ	אִכָּא	כֹּהֵת
1000 הֵזִי	1000 אִלְדִּ	1000 לֹאוֹ	1000 הֵהֵעַ	1000 יֹזֵל	1000 מִבֵּה	1000 הֵרִי	1000 הֵקָם
לֹאוֹ	כִּלֵּי	לֹוֹ	פֵהֵל	זֵכֶךְ	יִי	מִלְהָ	זֹהוֹ
נִתְהָ	הֵאָא	יֵרֵת	שֵׁאָה	רֵיִי	אוֹם	לִכְבֵּ	וֵשֶׁר
יִזּוֹ	לֵהֹזֹ	כּוֹק	מִנְדִּ	אֲנִי	זֹעֵם	רֵהֵעַ	יִיזִי
הֵהֵה	מִיכֵ	וּוֹל	יֵלְהָ	סֵאֵל	עֵרִי	עֵשֶׁל	מִיָּה
והו	דֵנִי	הֹזֵשׁ	עֵמָם	נִנָּא	נִית	מִבֵּה	פֹיִ
נָמָם	יֵיֵל	הֵרוֹז	מֵצֵר	וּמָב	יֵהֵה	עֵנּוֹ	מֹזִי
דֵמָב	מִנְקֵ	אֵיעַ	זֹכּוֹ	רֵאָה	יֵבָמו	הֵיִי	מֹוֹם

Please note that separating the first row creates an 8 x 8 square that totals 8000, meaning that the average row value and the average column value are both exactly 1000. This also means the average for those 64 Triplets is exactly 125 or 5³ or a 5 x 5 x 5 cube.

Given that there are 127 combinations of the Torah's first 7 words and within them 64 empty cells how odd, or meaningful, is it that the 72 Triplets split so dynamically into the first row and the 64 square Triplets and that the value of that first row (1143) divided by 9 = exactly 127.

Moreover, the average of each of the 72 Triplets is 9143/72 = 126.99, or extremely close to 127 again. Talk about a magic square!

Why a square? What is a matrix? What do mathematicians and physicists use matrices for? Many things, but there is use that might be germane to our discussion. In order to determine the curvature of space in multiple dimension you need a matrix squared to that dimensionality. For example, in 4-dimensional space time you need a 4 x 4 matrix, and in to get from point to point in the 5th dimension you would need a 5 x 5 one. So is our 8 x 8 inner matrix pointing us to 8-dimensional hyperspace? Could the 64 Triplets be coordinates and or a roadmap for that dimension? Certainly, an advanced intelligence would be able to provide that for us.

$$K = - \frac{\begin{vmatrix} H(F) & \nabla F^\top \\ \nabla F & 0 \end{vmatrix}}{|\nabla F|^4} = - \frac{\begin{vmatrix} F_{xx} & F_{xy} & F_{xz} & F_x \\ F_{xy} & F_{yy} & F_{yz} & F_y \\ F_{xz} & F_{yz} & F_{zz} & F_z \\ F_x & F_y & F_z & 0 \end{vmatrix}}{|\nabla F|^4}$$

The flipping or mirroring of the middle verse sandwiched between the other two 72-Letter verses may in of itself indicate that advanced knowledge since a higher dimensional being can flip or reverse a lower dimensional object while lower dimensional beings cannot do that themselves.

For example, a picture of a car on a flat page cannot flip itself and replace its trunk with its hood but we can lift it off and paste it back on backwards. In the same way we cannot swap the right side of our bodies with our left, but a higher dimensional being would be able to do it as simply as we cut and paste a picture. This may indeed be a message to us from beyond.

As we are about to see, the **1143** for the first row of the 72 Triplets is even more special, besides squaring off the rest of the Triplets. Before we do, we should note that the first and last rows which we have highlighted are $(1143 + 702) = 1845$ and if we add the small gematria value (**173**) of the 14 Triplets of the 42-Letter Name we get $(1845 + 173) = 2018$, the Western Calendar equivalent to **5778 HC**.

As promised, there is more.

We know that the separate first row of the 72 Triplets has a value of **1143**, meaning it has an average value per Triplet of $1143/8 = 142.875$, which is exactly **1000** less than the average value for the **8** columns, or $9143/8 = 1142.875$ and most significantly 1142.875 obviously rounds up to **1143**, which as the total of the **72** Triplets first row is necessarily a round (whole) number.

First Row (1143) = Column Average (1143)

1143	1143	1143	1143	1143	1143	1143	1143
כהת	אכא	ללה	מהש	עלם	סיט	ילי	והו
הקם	הרי	מבה	יזל	ההע	לאו	אלד	הזי
זזהו	מלה	ייי	זלך	פהל	לוו	כלי	לאו
ושר	לכב	אום	ריי	שאה	ירת	האא	נתה
ייו	רהע	זזעם	אזי	מנד	כוק	להוז	יזו
מיה	עשל	ערי	סאל	ילה	וול	מיכ	ההה
פוי	מבה	זית	ננא	עמם	הוזש	דזי	והו
מוזי	ענו	יתה	ומב	מצר	הרוז	ייל	נמם
מום	היי	יבמ	ראה	זזבו	איע	בנק	דמב

That is pretty extraordinary and screams for us to pay attention. Moreover, like add on runs in the 8th inning, the average of the 4th row is 244.778 or **244.8**, the Year of the Exodus (**2448 HC**), and while that of the 2nd row is 69.778 or just about **70**, the average of the 6th row is 110.889 or just about **111**.

Not Just 72 Triplets, but 216 Letters.

We have already highlighted that there are **32 Heis(?)**, **32 Yuds(?)** and **20 Vavs(?)** in the **72**

Triplets. They alone total $(32 \times 5) + (32 \times 10) + (20 \times 6) = 600$, as in the **600,000** Israelite Men who were part of the Exodus and the **600** choice Egyptian chariots laid to waste by (????) in the Sea of Reeds. We also discussed that $(32 + 32 + 20) = 2 \times 42$ and what that means. We have also already spoken about the connection of the letter *Lamed*(?) to the level of *Binah* and the number **42**. So let us further note that the letter *Lamed*(?) has the numerical value 30, and there are exactly 20 of the in the **72** Triplets, totaling $(30 \times 20) = 600$ equaling the value of the **32 Heis**(?), **32 Yuds**(?) and **20 Vavs**(?) in them.

It is not just the number of the **20** letter *Lamed*s(?). It is their placement that is also interesting. The Zohar divides the **72** Triplets into **3** quadrants of **24** Triplets each and we find that there are **13** *Lamed*s(?) in the first quadrant; **6** *Lamed*s(?) in the 2nd quadrant; and only **1** *Lamed*(?) in the 3rd quadrant.

והו	יְלִי	סִיט	עֵלֶם	מֵהֶשׁ	לִלְה	אִכָּא	כְּהַת
הָיִי	אִלְד	לֹא	הֵהֶע	יֹזֵל	מִבְּה	הָרִי	הֶקֶם
לֹא	כְּלִי	לֹו	פֶּהֶל	זֶכֶךְ	יִי	מִלְה	זֹהוּ
נְתָה	הָאָא	יֵרַת	שֵׁאָה	רִיִּי	אֹוּם	לִכְב	וְשֵׁר
יִזּוּ	לֵהֹז	כּוֹק	מִנְדֵּ6	אֲנִי	זֹעֵם	רֵהֶע	יִיז
הֵהָה	מִיכ	וּוֹל	יִלְה	סֵאֵל	עֵרִי	עֵשֶׁל	מִיָּה
והו	דְּנִי	הֹזֵשׁ	עֵמֶם	נְנָא	נִית	מִבְּה	פֹּי
נְמֶם	יִיל	הֶרֶז	מִצֵּר	וּמֶב	יֵהָה	עֵנּוּ	מֹזִי
דְּמֶב	מִנְק	אֵיע	זֹכּוּ	רֵאָה	יִבְמ	הָיִי	מֹוּם

Whether we are talking about the **8** millennia divided into six(6) and one(1) and the One (**13**) or the uppermost worlds (Oneness,13) and the bundled 7 dimensions of *Zeir Anpin* divided in to 6 and 1 we see it deftly woven into the **72** Triplets.

The Other Pyramid of 210

We have covered the Great Pyramid, Joseph's Pyramid, with emphasis on its connection to the number **210**, its height in levels and cubits, and the Pronic number stream exiting from Egypt. Yet, there was another pyramid concealed in Egypt and it had everything to do with that Exodus from exile. If we take a peek at the center of the **72** Name Triplet matrix, we see that the **4** letters (????) add up to **210**. Here we go again.

What is it with **210**?

Now, if we draw lines from the **4** corners to that **4**-letter summit, we get **4** quadrants of **54** letters each, rising to summit capstone of **210**. Yes, the **216** letters divided by the **4** sides of the resultant pyramid conveniently equal **54**, just like our **54**-unit shift of the *alef-bet*.

וְזָמַן	יְלִי	סִיטָה	עֲלָם	מֵהֶשֶׁךְ	לִלְהָ	אֲכָא	כִּתְהַת
הַיְיָ	אֱלֹהִים	לֹא	הֵהָעֵ	יִזְלֵ	מִבְּהָ	הַיְיָ	הַקָּמִים
לֹא	כֻלִּי	כֻלִּי	פִּהֶלֶךְ	זִכְרֵךְ	יְיָ	מִלְכָה	זֹהֵאוֹ
נָתַתָּה	הָאֵאֵל	יִרְתֵּךְ	שִׂאֵהָ	רֵי	אוֹם	לִכְבֹּב	וְשֵׁר
יִזְוֹ	לְהַזְוֹ	כּוֹקֵךְ	מִנְדֵךְ	אֲנִי	זֹעֵם	רַהֵעֵךְ	יִיזֵךְ
הֵהָהָה	מִיכֵךְ	וּוֹלֵךְ	יִלְהָה	סֵאֵלֵךְ	עֵרִי	עֵשֶׁלֵךְ	מִיֵּהָה
וְהֵאוֹ	דְּנִי	הַזֹּזֵשׁ	עֲמֹם	נָנָה	נִיתֵךְ	מִבְּהָ	פּוֹי
נָמֹם	יֵלֵךְ	הַרְזֹזֵךְ	מִצֵּרֵךְ	וּמִבֵּךְ	יֵהָהָה	עֵנֹךְ	מִזְזִי
דְּמִבֵּךְ	מִנְקֵךְ	אֵיעֵךְ	זֹכּוֹ	רֵאֵהָהָה	יִבְמוֹ	הַיְיָ	מוֹם

Then looking closer, we see that there are 5 different Triplets that contain the adjacent letters *Mem-Bet* (??) or 42 and of course $5 \times 42 = 210$.

וְזָמַן	יְלִי	סִיטָה	עֲלָם	מֵהֶשֶׁךְ	לִלְהָ	אֲכָא	כִּתְהַת
הַיְיָ	אֱלֹהִים	לֹא	הֵהָעֵ	יִזְלֵ	מִבְּהָ ⁴²	הַיְיָ	הַקָּמִים
לֹא	כֻלִּי	כֻלִּי	פִּהֶלֶךְ	זִכְרֵךְ	יְיָ	מִלְכָה	זֹהֵאוֹ
נָתַתָּה	הָאֵאֵל	יִרְתֵּךְ	שִׂאֵהָ	רֵי	אוֹם	לִכְבֹּב	וְשֵׁר
יִזְוֹ	לְהַזְוֹ	כּוֹקֵךְ	מִנְדֵךְ	אֲנִי	זֹעֵם	רַהֵעֵךְ	יִיזֵךְ
הֵהָהָה	מִיכֵךְ	וּוֹלֵךְ	יִלְהָה	סֵאֵלֵךְ	עֵרִי	עֵשֶׁלֵךְ	מִיֵּהָה
וְהֵאוֹ	דְּנִי	הַזֹּזֵשׁ	עֲמֹם	נָנָה	נִיתֵךְ	מִבְּהָ ⁴²	פּוֹי
נָמֹם	יֵלֵךְ	הַרְזֹזֵךְ	מִצֵּרֵךְ	וּמִבֵּךְ ⁴²	יֵהָהָה	עֵנֹךְ	מִזְזִי
דְּמִבֵּךְ	מִנְקֵךְ	אֵיעֵךְ	זֹכּוֹ	רֵאֵהָהָה	יִבְמוֹ ⁴²	הַיְיָ	מוֹם

We also briefly highlighted a few of the astonishing equations embedded into the relationship between Joseph's Pyramid's measurements. There are 3 different Triplets with corresponding

Pyramid measurements, forming a 4 triplet by 4 triplet right angle in the South-Western corner and a 4th adjacent to it:

The 39th Triplet has a value of 275 as the 27.5" cubit;

The 48th Triplet has a small gematria value of 55, as in the 55' height of the entrance and the square root of the pyramid's base perimeter (55 = √3025);

The 60th Triplet has a value of 330, as in the same base measure in cubits and;

The 63rd Triplet has a small gematria value of 756, as in the 756' measure of that same base.

The 4 Triplets have combined position value of (39 + 48 + 63 + 60) = 210.

והיא	יולי	סיט	עלם	מהש	ללה	אכא	כדת
הוי	אלד	לאו	ההע	יזל	מבה ⁴²	דוי	הקם
לאו	כלי	לוי	פהל	זכך	י	מלה	זזהו
נתה	האא	ירת	שאה	הי	אום	לכב	ושר
יזו	להזו	כוק	מנל	אני	זזעם	רהע ^{27.5"}	יין
ההה	מיכ	וול	ילה	סאל	ערי	עשל ^{55'}	מיה
והו	דני	הזש	עמם	ננא	זית ^{5.7}	מבה ⁴²	פוי
נמם	ייל	הרוז	מצר ^{330 cu}	ומב ⁴²	יהה	ענז ^{756'}	מוזי
דמב ⁴²	מנק	איע	זזבו	ראה	יכבו ⁴²	היי	מום

Moreover, there are 12 levels (counting by letters) to the summit point in this pyramid of 216 blocks and $330/12 = 27.5$.

As for the locations of the 5 Mem-Bet's (??) in the 72 Triplets, they are found at Triplet positions #14, 55, 61, 65, and 70 respectively and the sum of their locations, $(14 + 55 + 61 + 65 + 70) = 265$ as in the 7th decimal place in Pi (3.14159265...). More tellingly, is the equation $\text{Phi} - 42/26 = .00265$ and the sum of these 5 Mem-Bet's (??) locations $(14 + 55 + 61 + 65 + 70)$ less those of the Pyramid ones $(39 + 48 + 60 + 63)$ is $(265 - 210) = 55$, reminiscent of the 5 Kings vs 4 Kings confrontation at the valley of Siddim in Genesis 14:1. Perhaps that is a stretch and not a hint, but the Western (left side) base of the 72 Triplet Pyramid totals 318, as in the 318 men with Abraham, in that battle saga. The opposite Eastern (right side) base is 156, as in the numerical value of Joseph's name.

5 (גב) locations: (14 + 55 + 61 + 65 + 70) = 265

$$\varphi - \frac{42}{26} \cong .00265$$

4 Pyramid locations: (39 + 48 + 63 + 60) = 210

$$(265 - 210) = 55$$

It turns out that the additional letters in those **5** Triplets that contain the letters **Mem-Bet** (??), or **42**, are (?????) which spells out the name Yehuda, one of the 12 sons of Jacob and the main tribe of Israel. These **5** letters and thus the name Yehuda (?????) add up to the numerical value **30** and the name Yehuda (?????) is found **42** times in the Torah. As it further turns out, the value **30** is directly connected to the value of the mir cubit (**27.5** inches).

$$\sum_{n=1}^{\infty} x + (-1)^{n+1} \left(\frac{x}{10^n} \right)$$

$$30 = \sum_{n=1}^{\infty} 27.5 + (-1)^{n+1} \left(\frac{27.5}{10^n} \right)$$

This fancy looking formula is a recurrent progression such that value **27.5** increases and decreases by an ever-smaller amount (**27.5 + 2.75 - .275 + .0275 - .00275 + .000275...**) until it eventual reaches **30.000000000000000000...**

And since **3** is essentially **30/10**, we also have

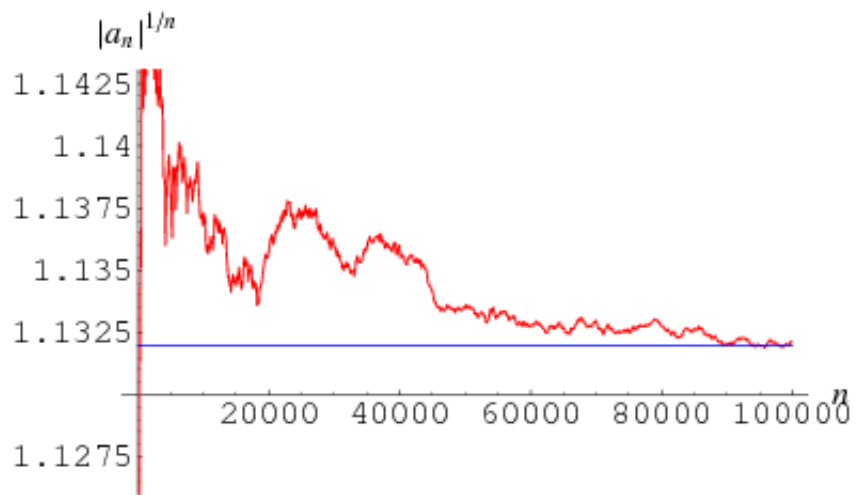
$$3 = \sum_{n=1}^{\infty} \frac{27.5}{10} + (-1)^{n+1} \left(\frac{27.5}{10^n} \right)$$

Thus the **210**-cubit height of the pyramid which is **5775"** and thus **(5778 - 3)** is equivalent to:

$$5778 = (210 \times 27.5) + \sum_{n=1}^{\infty} \frac{27.5}{10} + (-1)^{n+1} \left(\frac{27.5}{10^n} \right)$$

There is yet another connection between the hidden cubit (**27.5"** and Phi). The growth rate of the random recurrent Fibonacci sequence is equal to 1.1319882487943, known as Viswanath's constant.

$$\lim_{n \rightarrow \infty} |a_n|^{1/n} = 1.13198824 \dots$$



$$\text{Viswanath's constant} + \varphi = 2.7500222 \dots \cong \mathbf{2.7500}$$

$$1.1319882487943 + 1.618033988749895 = 2.75002223751 \dots \cong \mathbf{2.7500}$$

Represented Measures

The mir cubit is 27.5"

The standard base is $756.25 = 27.5^2$

The standard base is 330 cubits = 12×27.5

The height is 210 mir cubits

39th, 48th, 63rd, and 60th Triplets; $(39 + 48 + 63 + 60) = 210$.

5×42 (גלג) = 210

210 cubits = 5775"

The entrance is 55' off the ground or 2×27.5

Perimeter = 55^2

$210 \text{ cu} + 330 \text{ cu} + 1 = 541$ (Israel)

וְהָא	יְלִי	סִיט	עֵלָם	מִהֶשׁ	לָלָה	אֲכָא	כֹּהֵת
הָזִי	אֵלֵךְ	לֹאֵ	הֵהֶע	יִזְל	מִבָּה ⁴²	דְּרִי	הֶקָם
לֹאֵ	כִלִּי	לֹנֵי	פֶהֶל	זֶכֶךְ	יִי	מִלָּה	זֹהֵו
נָתָה	הָאֵא	יֵרֵת	שֶׁאֵה	רִי	אֹוֵם	לִכְבֵּ	וְשֶׁר
יִזְו	לֵהֶזֶז	כֹּוֶק	מִנְר	אֲנִי	זֹעֵם	רֵהֶע	יִיז
הֵהֵה	מִיכ	וֹוֶל	יֵלָה	סֵאֵל	עֵרִי	עֵשֶׁל	מִיָּה ^{55'}
וְהֵו	דְּנִי	הֶזֶזֶשׁ	עֵבֵם	זֵנָא	נֵיֵת	מִבָּה ⁴²	פֹּי
נָבֵם	יֵל	הֶרְזֹז	מִצֵּר	וּמֵב ⁴²	יֵהֵה	עֵנֹו	מִזְזִי
דְּמֵב ⁴²	מִנְק	אֵיע	זֹזְבו	רֵאֵה	יֵבְבו	הֵיֵי	מִוֵם

Furthermore, the letters in the 72 Triplet Matrix have the tagins, or crowns added, which the kabbalists explain act as antennae, enhancing the strength of the energy transmitted though the letters. Only two of the Triplets have side by side triple crowns, the one at the 5th column, 7th row and the one at the 7th column, 8th row, or 57.78 as in the 42.22-57.78 Adam/Eve Tetragrammaton ratio we have already covered.

If we climb the pyramid in a spiraling fashion and start at the first letter (?) of the first Triplet we wind up at that summit with the Letter (?) of the Triplet (???) which spells out the word *Ani* or "א" in Hebrew. In other words, it ends in a point with the number 1. The four (4) letters (????) beside the summit platform (????) that add up to 210 have the value 111, that of *Alef*(?), representing both 1 and 1000.

Of possible import is also that both the first and last letters of the 72 Triplets (??) and the last two letters (??) have the value 46, and value of the Hebrew word for cubit, and (46 + 26) = 72.