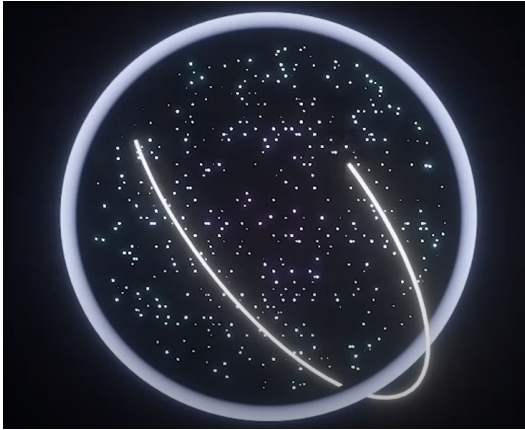# Part XXIV –The Spherical Universe

**Author :** Meiliken

**Date :** 29-07-2020



One of the most beautiful teachings in the previous chapter about the Flow of Creation that created the **10** *sefirot* (dimensions) has to do with the shape of the universe. In the *Sefer Yetzirah*, Abraham relates what physically can be described as light circulating around a universe size sphere to complete a great circle with complementary dimensions on opposite poles.  In higher dimensional spherical space, or hyperspheres, what appears to us as a straight line through the universe is actually a curve all the way around it. The reason we do not see this or the effects that we are about to describe is that the vast size of the universe obscures the curvature. For anyone that has not been following this series from its inception, you can find the [entire work here.](#)
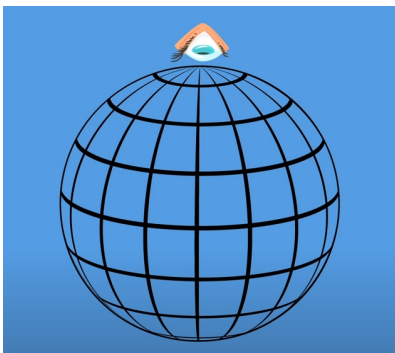


When light follows a straight line path around a higher dimensional spherical universe, or when we circle around a sphere longitudinally (a great
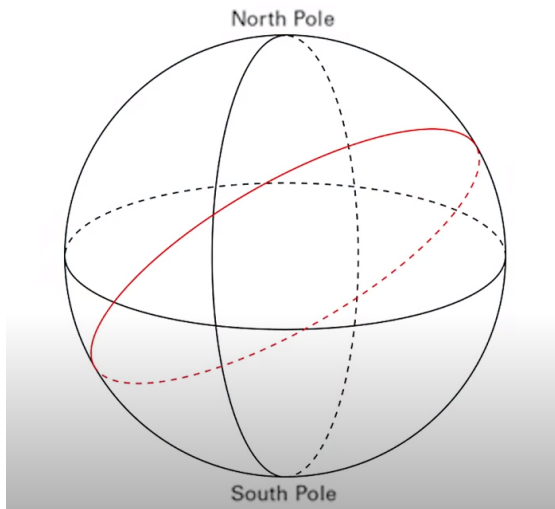
circle) two things happen to our vision of an object (or even a world or planet) that is located at our starting point.  The reason light travels around the sphere is because it must adhere to its surface. If the entire universe is this sphere then light cannot fly off into a non-universe.
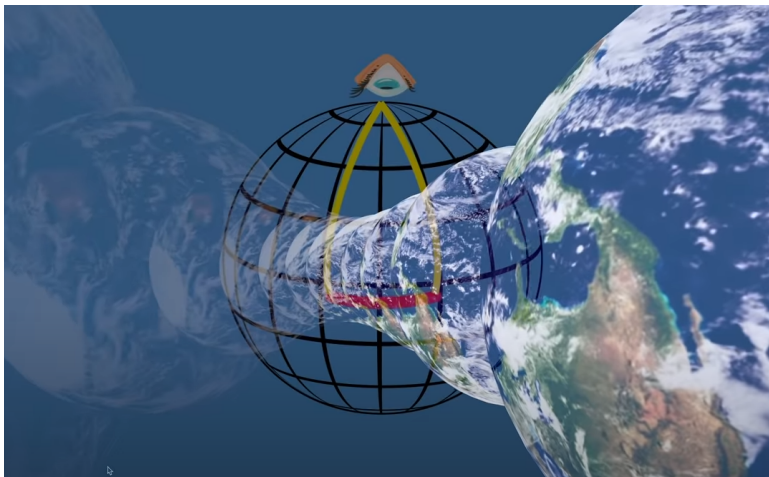


The first point is that as we get closer to a point midway between the poles in our spherical universe, we still see the initial image as if it were still in front of us, but it gets smaller (further away). The second point is that as we go from that midpoint to the opposite pole the image gets larger again and inverts.  This is because, as the beams of light converge at the antipodal or diametrically opposite side of the universe, they recreate the

image upside down.  Simplistically, imagine you were standing at the top of the sphere and walked all the way to the bottom: your feet would now be above you relative to the sphere (the universe), and your right arm would be on the left side of the sphere. Relative to you, nothing would have changed.
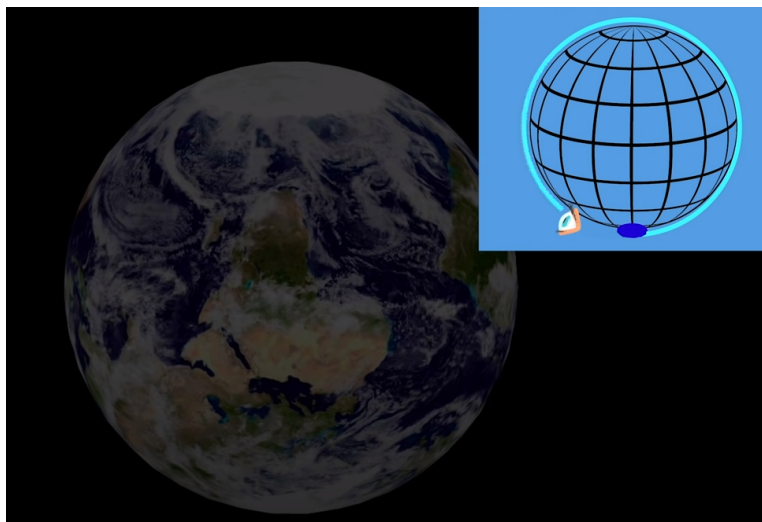


In other words, we could travel in a straight line to the far side of our universe and we would see the Earth again, the exact same size, but everything would be inverted and backwards.

This begs the question: do the people in the imaged earth on the opposite side of the universe, or indeed anywhere along
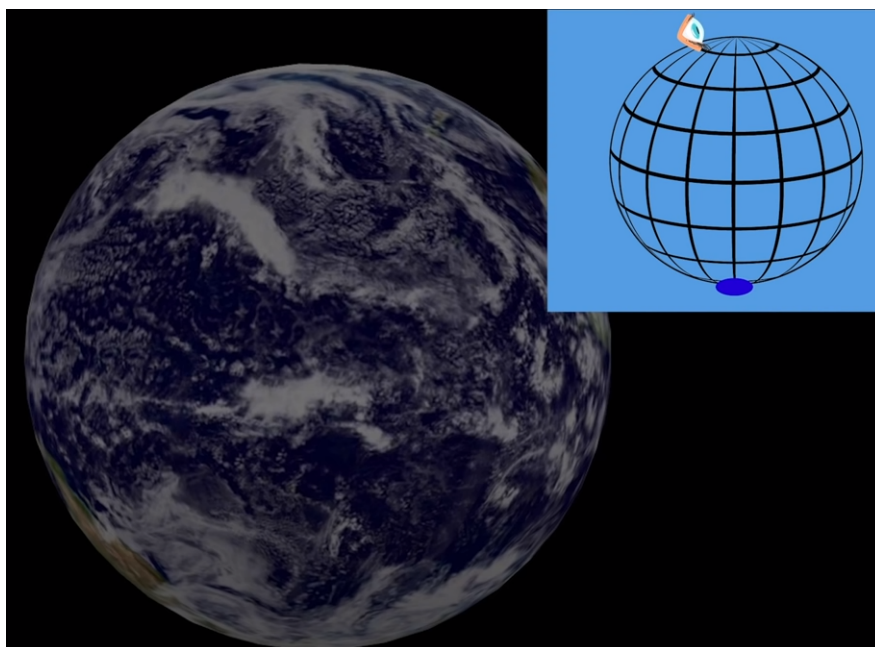


the way know that they are inverted, including their bodies and organs?

We may also ask: Do they know anything at all? If we answer no, then given that we may be that actual projection, or as previously discussed a projection from a higher dimension, do *we* know anything?

If we are watching them (this inverted image) as they go about their lives, at what point do we get lost in their continuous movie and begin to think it must be real?

If we travel around the universe and see all those images of ourselves do they all exist, yet as minutely different versions of our world?

If light were instantaneous in our spherical universe, then changes in time would not exists for us and the worlds would all exists in a synchronous moment in time. But in our physical universe we have observed light to be fast, but nowhere near instantaneous, and these images are made up of light reflections. Do not get me wrong, so is the image of the car you may be looking at through your window.  If light did not reflect off its energy and its infinitesimally small amount of matter, then you could not see it and hence it would not exist for you.



So given that light takes time to complete its curved circuit, each image (recreation) of Earth (for argument's sake) would exist in a distinct moment in time, either in the future or past relative to our viewing station (perspective) and these multiple earths would all exist at once.

Okay, that is a bit abstract for the moment, so let us get back to what we do know.

As we traced the Flow of Creation around the scaffolding of the **27** numbers of the Essential Cube of Creation, we realized that, as the **5** opposite **5** *sefirot* unfolded, every number had an inverted backwards facing complementary number along its path of opposite spin.  Just as it would in a spherical
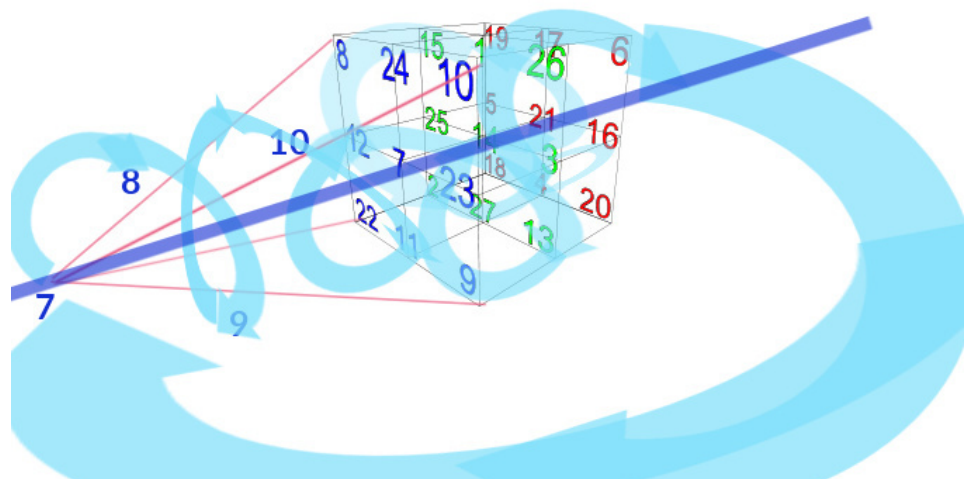


universe, the position 22 in the lower left of the front face of the Cube complements the position

6 in the upper right on the rear face. Likewise, the position 13 on the lower middle of the right face complements the position 15 in the upper middle of the left face. No matter how we travel longitudinally around a higher dimensional sphere (metaphoric cube), front rear, left right, or top bottom everything inverts symmetrically.

Not only did we fully observe that concept in the Flow around the Cube, but we also saw the encircling get smaller and tighter toward the midpoint coming from opposite sides of the Sphere/Cube.
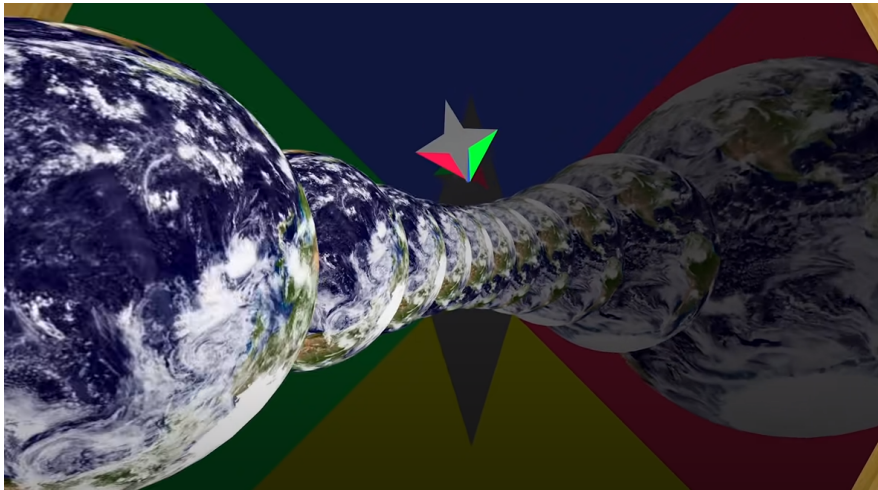


An animated computer model of a 4-d hypersphere generated the images above, but *we* did not design the Cube. The numbers were placed around it in the *only* positions possible so that all the rows, columns, diagonals, etc. sum to **42**, and in the *only* way possible that the *alef-bet* would line up to create symmetrical alignments of rays, triangles, and *Magen Davids*. The Creator gave us this Essential Cube of Creation. With it, He gave us a special gift

We can now extrapolate that our physical universe is also spherical. If you thought that that was a given, please note that there are 3 physical options (spherical or positively curved, flat, or open and negatively curved) and that most physicists think our universe is actually flat.
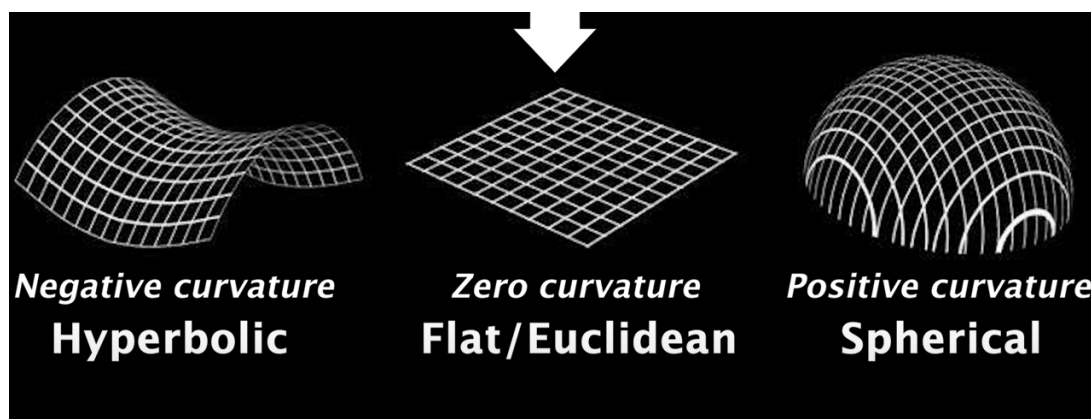


Thanks to the Cube and Flow, which were gifted to us as illustrations, we now *know* that it is spherical, which explains why everything is expanding away from each other, assuming an expanding sphere. Knowing this can help Man develop the actual physics of our universe.

For those chosen for the path of enlightenment, we can now better understand the design of the upper dimensions and the palindromic nature of certain numbers.

If the dimensions of the universe are spherical, would not time be as well?

# 173553719826446289

One of the most important palindromic numbers is the one derived from the Fibonacci sequence and the Tower of Truth. It is reflective of the total gematria in the Torah, has much to do with the **72** Name matrix, and like the Flow of Creation is simply derivable from the juxtaposition of the digits **1 – 9** with the opposite spin digits **9 -1**.

One of the many odd properties of Phi involves the Fibonacci numbers (0,1,1,2,3,5,8,13,21,34,55,89,144…) in that every **4$^{th}$** Fibonacci number is divisible by **3**, like 3/3, 21/3, 144/3… and when we examine those results (1, 7, 48…) sequentially in mod **9** (in other words divide by **9** and record the remainder) we get (**1-7-3-5-5-3-7-1-9-8-2-6-4-4-6-2-8-9**). That **18**-digit sequence, that splits into two palindromic numbers (**17355371** and **9826446289**) repeats itself over and over again.

Does the **8 -10** digit split reflect *Chai* (**??**)? Perhaps.

If you recall in our discussions of the Tower of Truth that it is a perfect stack of the **20** cubes, each incrementally 1 cubit smaller in height, width, and length from **1$^3$ – 20$^3$**. It has a total volume of **44,100** or **441**, the numerical value of *emet*/truth) x **100** and a total height of **210** cubits, meaning it fits precisely in the center of the **210**-cubit high Pyramid.  While, the Hebrew word for **100**, *me'ah* (**???**), is the permuted form of the Hebrew word for cubit, *amah* (**???**), it is significant to note that **441** is **21$^2$** and that **21** is the value of the Name *Ehyeh* (**????**) associated with *Binah*.

The volume of the **20$^{th}$** cube in the Tower is (**20 x 20 x 20**) or **8000** cubits$^3$.  If we were to add one more cube of (**21 x 21 x 21**), which metaphysically would connect to *Binah*, its volume would be **9261** cubits$^3$ and the height of the Tower would now be **231** cubits, as in the **231** Gates associated with the **22** Hebrew letters arranged in a circle with their **231** paired paths between them, as Abraham explained in his *Sefer Yetzirah* over 3700 years ago. Nevertheless, the cumulative or total volume of the Tower would now be **53361** cubits$^3$.  The **21$^{st}$** cube's volume would also be exactly **21%** of the **44,100** cubits$^3$ Tower of **20** cubes and exactly **.173553719** of the Tower of **21** cubes volume (or **9261/53361** cubits$^3$).  Neither of these facts are mandated by proportional mathematics; they just work out that way. Nor is it mandated that (**9 + 2 + 6 + 1**) must equal (**5 + 3 + 3 + 6 + 1**) or that they must both equal **18**, yet they do.

**9261/53361 = 21$^3$/(?(1$^3$ - 21$^3$) = .173553719**

Reflecting that same connection to *Binah*, the total gematria value of all the words in the Torah is **21009826**, which can be broken down into **2100** and the numeric string …**9826**… at the center of the mysterious **18**-digit sequence 173553719**826**446289. Please note that while **2100** can reflect the full value of **21,000,000** or **21** x (**1000$^2$**) it also reflects (**21 x 100**), as in *Ehyeh* (**????**) x cubit, *amah* (**???**) or **21** cubits.
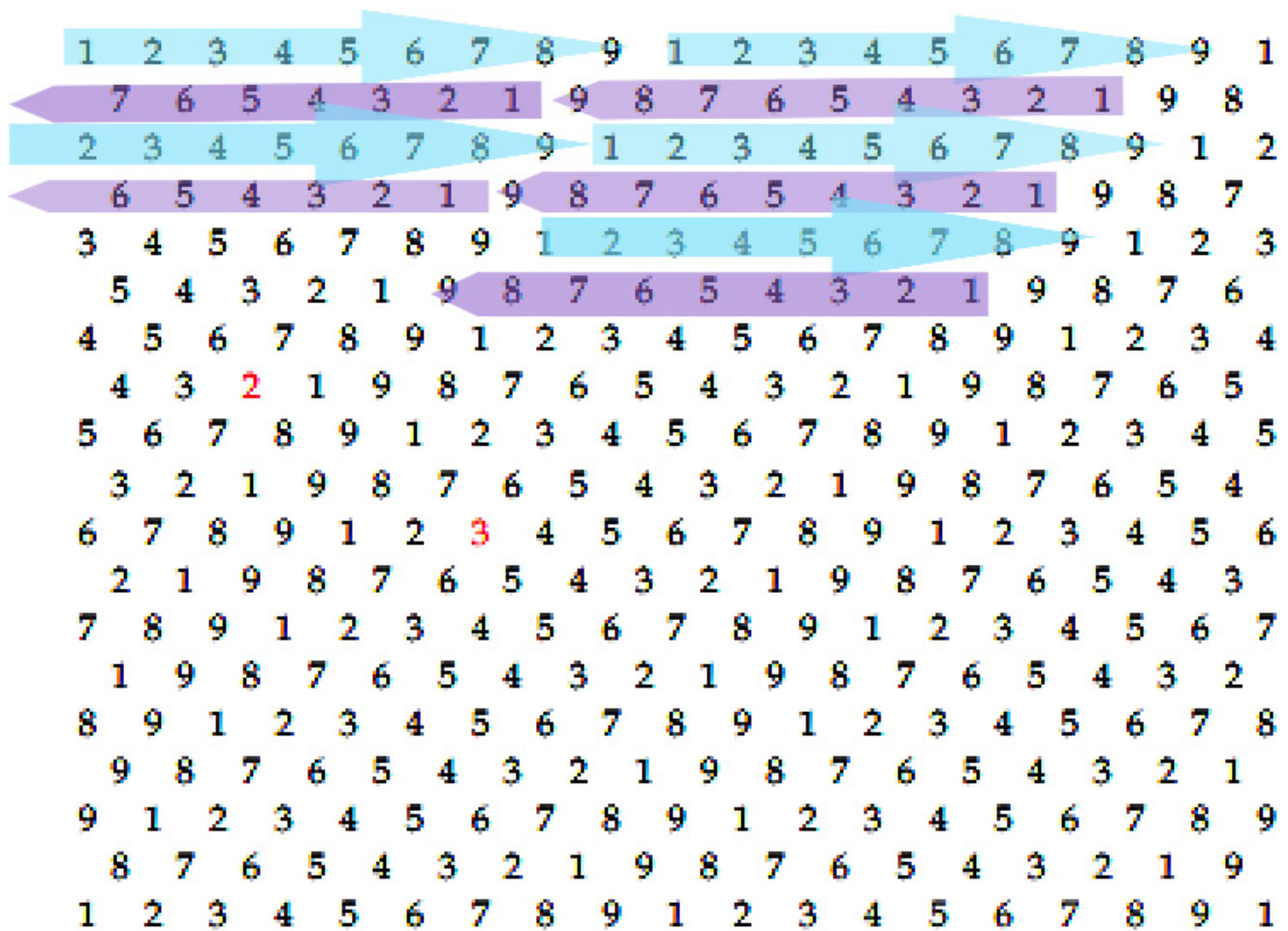
Moreover, ($21009826 - 17355371$) = **17.3**% of **21009826**.

Is there a reason the **18** mysterious digit sequence (**173553719826446289**) derived from both Phi(*?*), and independently from the **21**<sup>st</sup> cube (**21**$^3$) sums to **90**, the numerical value of water(**???**), the **21**<sup>st</sup> word in the Torah? Or that there are **90** words in the first two paragraphs of the Torah? There most probably is, given the direct Fibonacci connection and the fact that the first paragraph in the Torah ends in verse **5**, the next in verse **8** and the 3<sup>rd</sup> in verse **13**.

The sum of the digits in the mysterious repetitive **18**-digit sequence (**173553719826446289**) is **90**, the numerical value of water, and the two palindromic sections (982**644**6289 and 17**355**371) sum to **58** and to **32** respectively.  Their proportionate ratios **32/90** and **58/90** give us **.355**… and **.644**…, the middle values respectively of each sequence. Moreover, (**3+2+5+8**) = **18**.  There is no reason those proportions should work out so perfectly either.

And let us not lose sight that **58** = (**100** – **42**) or that **173** is the sum of the small gematria of the **42**-Letter Name.

Marko Rodin came up with the idea of layering the forward and reverse streaming of the numbers 1 through 9 and 9 through 1. We can think of them as reaching the end of the spherical universe and coming back around. Nevertheless, any segment of this endless scaffolding forms a visible grid where the number 7 will always fall between the pairs 1 – 2 and 2 - 3 or 2- 1 and 3- 2; and the number 6 will always fall between the pairs 2 – 3 and 3 - 4 or 3 - 2 and 4 - 3; and the number 8 will always fall between the pairs 1 – 2 and 9 - 1 or 2 - 1 and 1 – 9; etc. as below.

```
1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1
   7  6  5  4  3  2  1  9  8  7  6  5  4  3  2  1  9  8
2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2
   6  5  4  3  2  1  9  8  7  6  5  4  3  2  1  9  8  7
3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3
   5  4  3  2  1  9  8  7  6  5  4  3  2  1  9  8  7  6
4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4
   4  3  2  1  9  8  7  6  5  4  3  2  1  9  8  7  6  5
5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5
   3  2  1  9  8  7  6  5  4  3  2  1  9  8  7  6  5  4
6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6
   2  1  9  8  7  6  5  4  3  2  1  9  8  7  6  5  4  3
7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7
   1  9  8  7  6  5  4  3  2  1  9  8  7  6  5  4  3  2
8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8
   9  8  7  6  5  4  3  2  1  9  8  7  6  5  4  3  2  1
9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9
   8  7  6  5  4  3  2  1  9  8  7  6  5  4  3  2  1  9
1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1
```

What also happens in this grid is that the number **9** stripes endlessly diagonally, and the 4 complementary pairs (**181818**, **272727**, **363636**, **454545**) also stripe diagonally endlessly parallel to the **9**-stripe.  These are natural and to be expected.

```
1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1
   7  6  5  4  3  2  1  9  8  7  6  5  4  3  2  1  9  8
2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2
   6  5  4  3  2  1  9  8  7  6  5  4  3  2  1  9  8  7
3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3
   5  4  3  2  1  9  8  7  6  5  4  3  2  1  9  8  7  6
4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4
   4  3  2  1  9  8  7  6  5  4  3  2  1  9  8  7  6  5
5  6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5
   3  2  1  9  8  7  6  5  4  3  2  1  9  8  7  6  5  4
6  7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6
   2  1  9  8  7  6  5  4  3  2  1  9  8  7  6  5  4  3
7  8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7
   1  9  8  7  6  5  4  3  2  1  9  8  7  6  5  4  3  2
8  9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8
   9  8  7  6  5  4  3  2  1  9  8  7  6  5  4  3  2  1
9  1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9
   8  7  6  5  4  3  2  1  9  8  7  6  5  4  3  2  1  9
1  2  3  4  5  6  7  8  9  1  2  3  4  5  6  7  8  9  1
```

What was no less natural, but completely unexpected was that the **18**-digit string (**173553719826446289**) spontaneously emerges diagonally and continuous ceaselessly in the opposite direction.
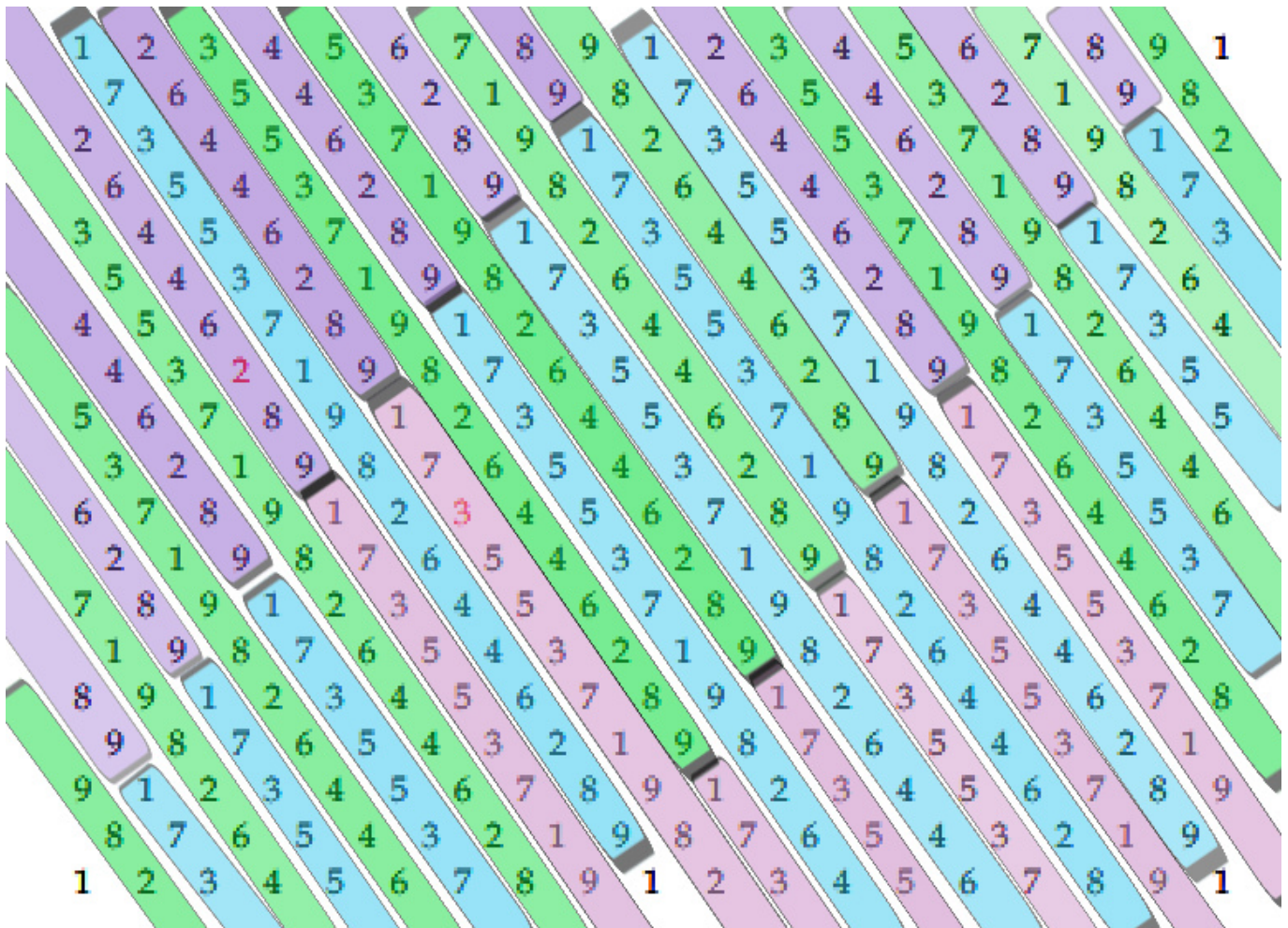
Then, also naturally, we see that across the endless diagonals, the numbers **2198** lines up every **9** numbers in every other row.  These are the same **4** positive digits we see sequentially in the total gematria of the Torah, followed by the value (**26**) of the Tetragrammaton: **21**00**98**26.

And dividing the diagonal line by the horizontal line, (**173553719826446289/123456789123456789**…) gives us **1.4**05785142, which may or may not relate to the number **14** at the center of the Essential Cube of Creation.

# 8 x 9 = 72

From the mod**9** derivation of the Fibonacci numbers to the 1-**9** and **9**-1 derivation from the simple contiguous forward and reverse layering grid of the **9** digits, the **18**-digit sequence (**173553719826446289**) that sums to **90** is based on the number **9**.   Completely independent from the grid, when the two palindromic sequences (**0173553710 + 9826446289**), using zero(**0**) as a placeholder, are added together, we get **9999999999**. In other words, each complementary digit pair (**1 + 8**, **7 + 2**, etc.) in the sequence sums to **9**.

What happens with this special grid arrangement is that every number when added to the number up and to the right of it (or conversely lower and to the left) sums to 9, except the 9's which sum to **18**. And every number when added to the number up and to the left of it adds up to either **8** or **10**.

Then when we split the **18** mysterious number sequence (**173553719826446289**) into **9** sequential pairs (1+7, 3+5, 5+3, 7+1, 9+8, 2+6, 4+4, 6+2, 8+9) and when we reduce them to small gematria, we get (**8+8+8+8+8+8+8+8+8**) = **72**.  Keep in mind that to get these **18** repetitive numbers, we took every **4th** Fibonacci number, meaning the sequence repeats every (**4 x 18**) or **72** Fibonacci numbers. That is the beauty of a coherent design Created in a mind that can see infinite symmetry and how all things are connected.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| כהת | אכא | ללה | מהש | עלם | סיט | ילי | והו |
| הקם | הרי | מבה | יזל | ההע | לאו | אלד | הזי |
| זהו | מלה | ייי | נלך | פהל | לוו | כלי | לאו |
| ושר | לכב | אום | ריי | שאה | ירת | האא | נתה |
| ייז | רהע | זעם | אני | מנד | כוק | להח | יזו |
| מיה | עשל | ערי | סאל | ילה | וול | מיכ | ההה |
| פוי | מבה | נית | נגא | עמם | הזוש | דני | והו |
| מזזי | ענו | יהה | ומב | מצר | הרוז | ייל | נמם |
| מום | היי | יבמ | ראה | זבו | איע | מנק | דמב |

When we divide the two directions by each other (**123456789/987654321**) we get **.124999999** or 1/**8** and likewise (**987654321/123456789**) = **8**.000000**729** with **729** = **9³** and to the 2nd line of the **42**-Letter Name matrix.  Another equation between the two directions that ties in the **8** and **9** elements is (**123456789** x **8** + **9**) = **987654321**. And we wanted to point at yet another sequence in Pi, this one beginning with digit #**756**: …**72**113**499999**83**729**780**4995**…

We have illustrated numerous times in this series in different connotations that dividing the number **9** by the numerical string formed by the **42**-Letter Name of G-d gives us **9/.1230490… = 73.141593** or **70 + Pi (3.14159365…)**. Yet when we divide **9** by the **18**-digit Fibonacci sequence we get **9/.17355371**… = **51.85**…, quite close to the Phi angle **51.84**, which is also **72²**.

The repetitive **9**'s and **8**'s are the dimensions of the **72** Triplet **8** column by **9** row matrix.

There is yet another previously undisclosed mod**9** pattern derivable from the same set of every **4th** Fibonacci number (3, 21, 144, 987, 6765, 46368, 317811…). It is found when we sum up the digits in each one sequentially and take their mod**9** results.  The resulting sequence is **330660330660330660**… This means that the total digit sum for the same **18** Fibonacci numbers that gave us **173553719826446289** is **54**, making the sum of the resulting 36 digits: (**54 + 90**) = **144** = 2 x **72**. Moreover, the sum of their ordinal positions within the Fibonacci series is (4 + 8 + 12…**72**) = **616**, the numerical value of *H'Torah*.

## Base 3

In the beginning of this series we spoke about how the ordinal values of the first **11** letters of the Torah were all in the form of base **3**, meaning that their ordinal values were comprised of the digits 0, 1 and/or 2 only. We also showed how they added up to **112**. That was over a hundred pages before we first mentioned the **112** Triplets of Creation embedded in the Torah, when that number took on real meaning for us.  If we think in terms of active higher dimensional numbers, it was inevitable.

Another active number we had already began connecting to was **54**, the ordinal value of the first **5** letters (**?????**) of the Torah and we just saw it again above.

# ?????????????

Plotting out those first **11** letters in terms of their ordinal values revealed that:

The sum of their **11** ordinal values is **112**;

$$(2 + 20 + 1 + 21 + 10 + 22 + 2 + 20 + 1 + 1 + 12) = 112.$$

and the product of their **14** positive digits is $2^8$ or **256**, like the Ark of the Covenant;

$$(2 \times 2 \times 1 \times 2 \times 1 \times 1 \times 2 \times 2 \times 2 \times 2 \times 1 \times 1 \times 1 \times 2) = 2^8 = 256.$$

and the sum of their **14** positive digits is **22.**

$$(2 + 2 + 1 + 2 + 1 + 1 + 2 + 2 + 2 + 2 + 1 + 1 + 1 + 2) = 22$$

How conveniently extraordinary is it that the base **3** number for **8** is **22**, not to mention that **112** = (**8** x **14**).

As previously explained, using base **3** and converting it to base **10** we see that the two twin triplets (**???**) equal **73**, the numerical value of *Chochma* and the higher dimension equivalent of the Torah's first verse, which is **2701**, the sum of the integers from 1 – **73**.

<div align="center">

**2201  21  10 22  2201  112**

**BRE  Sh  Y T      BRE  EL**

**73  7 3 8 73 14**

</div>

Of the **27** letters of the *alef-bet* there are only **8** whose ordinal values conform to base **3** (**????????**), yet only these letters were chosen to comprise the first **11** letters of the Torah. Their collective ordinal value is **99**, and their collective gematria value is **963**—shades of Tesla. Only one of the **11**, was not utilized in those first **11**, or indeed in the entire first verse, the letter *Caf*(**?**), representing *Keter*, meaning that **10** of the base **3** letters were used. The letter *Caf*(**?**) was not used until the end of the 7th verse in the Torah.

# 22012110222201112

# BREShYTBREEL


Adding the **12**th letter of the Torah, the *hei*(**?**) of *Elohim*(**?????**), the **3**rd letter of the **3**rd word, and lining up all the ordinal values shows us that just like the Cube, these first **12** letters can be split into **3** groups of **9**, or **27** in total. It also means that like the *alef-bet* and the negative space of the Essential Cube (**22,005**) they are literally and figuratively split into **22** and the **5** final letters.


## 220121-102222-011125

## 9 – 9 - 9

## BREShYTBREELH

## 22 - 5

## 22012110222201112-5


And just in case we were to think that this was a coincidence the Creator arranged it so that the number **12** in base **3** is the number **5** in base **10**, as in the **12**th letter (**?**) in the Torah of ordinal value **5** and complete value **10**. Moreover, He arranged it so that the first **12** letters, whose collective ordinal value is (**112 + 5**) or **117** when added to the sum of their **18** digits, gives us (**117 + 27**) = **144**, which is **12$^2$** and the **12**th Fibonacci number.  This is also equivalent to the total digit sum for both mod9 values for the **18** Fibonacci numbers that gave us **173553719826446289**: (**54 + 90**) = **144.**


## 220121-102222-011125

## BREShYTBREELH


Interestingly enough, the base **3** number **112** equals **14** in base **10**, and the base **3** number for **42** is **1120**. How about that for universal symmetry! Is this redundant conveyance of information using base 3 another way of communicating with us or is it a necessary and integral step in transforming the Flow of Creation into the Torah and eventually our world?

And yet Man chose base 2 as his means to elevation through computers and his technology.

Did the Creator choose ***Echad*(???)** for **One (***Alef***) because He liked the way the letters looked or because their numerical value was 13, and 13 in base 3 is 111, the numerical value for *Alef*(???)?**

Why utilize base **3** in this transformative stepping down from *Binah* to *Zeir Anpin*?

Perhaps it has something to do with **27** being equivalent to **1000** (*Binah*) or **10$^3$** in base **3**.

Utilizing base **3** converts the **10³** Cube to the **3³** Cube. It helps us understand the role **1000** or the **10³** Cube played in the other 4 Essential Elements that make up the **112** triplets: with the **1000** letters of the *Shema*; the **1000** average value in each row and column of the **8** x **8** matrix, the **20³** cubic array within the **72** Triplets; and the **1000** difference between **42**-Letter Name and the Torah's first verse. Are the Cube of **27** and the Cube of **1000** one and the same but on different dimensions?

This is why the first **1000** digits in Pi are so important.
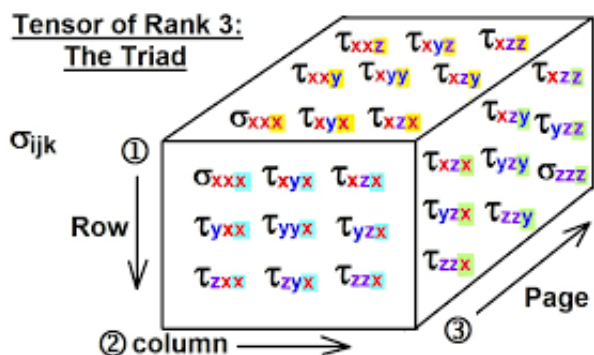


Furthermore, in describing the Essential Cube with its **27** positions we must always keep in mind that it is a **3³** array and as such has **3** coordinate points (x,y,z) for each position. Each of those coordinates can either be (**0**, **1** or **2**), the **3** numeric components of base **3** math.  When we look at the cube from that perspective the **27** positions range from (0,0,0) or (000) to (**222**) and their base **10** equivalents range sequentially from 0, 1,2,3… to **26**, making their combined value range from 0 to (**222 + 26**) or **248**.

This is feeling reflective of the much more complex **248** dimensional **E8** Lie Group and the **E₈** lattice, where each point in it is surrounded by **2160 8**-orthoplexes and **17280 8**-simplices in a 1 to **8** ratio, and each **8-orthoplex** is a regular [8-polytope](#) with 16 [vertices](#), **112** [edges](#), 448 triangle [faces](#), **1120 tetrahedron** [cells](#), 1792 [5-cells](#) 4-faces, 1792 5-faces, **1024 *6-faces***, and **256 *7-faces***.

Where have we just seen a **1/8** ratio?

## (123456789/987654321) = 1/8

What if each position within the Essential Cube of Creation reflected a set number of higher dimensions that grew cumulatively from (0 + 000) to (1 + 001)…to **248** for the **27th** Cubic position by counting the sum of their base 3 and base 10 equivalents together?

The Phi(*?*) proportion plays a large role in the structure of the **E₈** lattice, as you might expect, so given that there are **401,273** Words, Letters, Verses, Rows and Columns in the Torah and **401,273** = **248,000**/ Phi(*?*), there is a possibility that each dimension would be reflective of exactly **1000 *?*** elements of the Torah and/or 1 of the **248** columns in the Torah.

Now **401,273** is not some random number that the Creator came up with because it was evenly divisible by Phi(*?*). We have parsed it many ways already; nevertheless, it is a number built up from **248** then expanded by **1000** (*Binah*) then expanded by Phi(*?*).  It is also built up from the

**390,625** or **5$^8$** Words, Letters, Verses in the Torah combined with the **22$^3$** Rows-Columns in the Torah, or **5$^8$ + 22$^3$ = 248,000** Phi(*?*), which places the connection to the **E$_8$** lattice on both sides of the equation, and shows us how the 10,648 Row-Columns can fold up, or more appropriately, unfold from a perfect **22$^3$** cube.

Moreover, the **248** dimensions of the **E$_8$** lattice are broken down into **240** and **8** dimensions and likewise **248,000** is broken down into **240,000** and **8000,** which is the **20$^3$** array cubic value of the square (**8** x **8**) matrix within the **72** Names.

The **22$^3$** cube obviously reflects the **22**- Hebrew Letters, and when we use the turn "reflects" we are referring to a higher dimensional connection between the numbers or objects, much like an image reflecting off a mirror is the same, yet dimensionally very different. This cube follows in the series of **1$^3$ - 20$^3$** that includes the **3$^3$** and the **10$^3$**, **21$^3$**, and now **22$^3$**.

# Inside the Pi Cube

Within those **1000** digits of Pi there are **3** appearances of the numerical string …**5778**… and they occur at digits #**633**, **948**, and **954** respectively.  We have illustrated



numerous significant sequences already within those same **1000** digits and here is one more: …**644622948954**… To begin with it contains the numerical string **64462**, which is a segment of the key sequence **173553719826446289**, but that is inconsequential. What is significant is that within this sequence …**644622 948 954**… we have the exact digital mapping of the **3** appearances of the numerical string …**5778**: the average of **644** and **622** or **633**; then sequentially in order **948** and **954**.

All this occurs 451 digits before the first **5778** at digit #**633**. It begins at digit #182, as in the gematria of Jacob, the 3$^{rd}$ Patriarch, yet the sequence actually begins earlier at digit#**173**, as in the small gematria of the **42**-Letter Name and the **173** keys to Heaven given to Moses:…**2110555**9**6446229489544**9… This segment of the sequence begins with **2110555**, which is the number of days in **5778.28** years.

# It Always Comes Back to 42

Regarding the relative mass of a Neutron and Proton to the Electron, it is quite precisely (1+.99862349) to 0.00054386734. Thus allowing us to use Phi($?$)$^2$ to complete a fundamental balancing equation:

### (1+.99862349)/0.00054386734 + 26.180339887 = 3701.0

Therefore, the ratio of the (Neutron + Proton) to the Electron + 10$?$$^2$ = the 42-Letter Name.

### (Neutron + Proton)/Electron + 10$?$$^2$ = the 42-Letter Name

We gave an example at the outset of this chapter of a car consisting of an infinitesimally small amount of matter and being mostly energy, so let us consider the atoms that comprise it.  It takes a relatively large amount of energy to keep the electrons in orbit, but the electrons themselves have very litter mass, only 1/1839th that of a neutron, as Peter recently mentioned, which works out to the .000**54**… in the equation above. A proton has slightly less mass than a neutron (99.86%), but neither the neutron, nor the proton are solid and who knows if the electron is either.
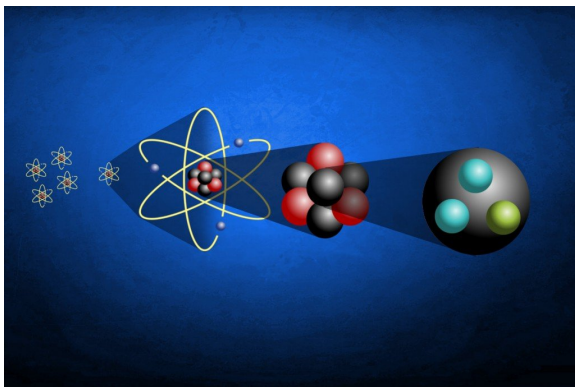


What we do know is that the neutrons and protons are comprised of quarks and that the combined mass of these quarks account for only 2% of the atom, meaning the actual physical mass of the atom is only 2% of what we observe it to be.  Physicists account for this 98% differential by using mathematics ($E=mc^2$) to substitute the kinetic and potential energy generated by these incredibly fast quarks that are spinning around (orbiting) a central point at nearly the speed of light. Ergo, the atoms consist of mostly energy, and we do not even know if quarks are solid either; they may be comprised of even smaller particles.  And that is assuming they all are not reflections of pressure mediations on inertial fields.

As for that car, please note that each atom, according to what we know so far, is **99.9999999999996**% empty space and while being a solid they are relatively close to together there is still even more empty space between the atoms.
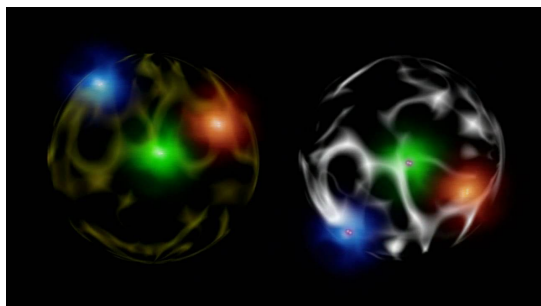
As far as our known universe goes, you can add several more 9999's at the back side of that empty space figure above and know that roughly 98% of the visible mass in the universe is virtual and that within each tiny atom there is limitless infinite and endless free energy powering the spinning quarks. Of course, this is at the lowly level of *Malchut*, the furthest end of the curved line away from *Keter*, the initial source of Creation.

Have an easy fast everyone and B'H may we see Moshiach soon

Ezra

For anyone that has not been following this series from its inception, you can find the entire work here.