

The New Jerusalem Cube

by Craig Paardekooper (December 2009)

Revelations - the last book of the Bible - contains the striking picture of the New Jerusalem coming down out of heaven. The New Jerusalem is depicted as a cube of side 12000 - having a volume of 12000 x 12000 x 12000 and having 12 gates.

"Then I saw a new Heaven and a new Earth, for the first heaven and the first earth had passed away, and there was no longer any sea. I saw the Holy City, the new Jerusalem, coming down out of heaven from God, prepared as a bride beautifully dressed for her husband.

And I heard a loud voice from the throne saying, 'Now the dwelling of God is with men, and he will live with them. They will be his people, and God himself will be with them and be their God. He will wipe every tear from their eyes. There will be no more death or mourning or crying or pain, for the old order of things has passed away'

He who was seated on the throne said, '**I am making everything new!**' Then he said, 'Write this down for these words are trustworthy and true.'

He said to me: '**It is done. I am the Alpha and the Omega, the Beginning and the End**'.....

And he carried me away in the spirit to a mountain great and high, and showed me the Holy City, Jerusalem, coming down out of heaven from God. It shone with the glory of God, and its brilliance was like that of a very precious jewel, like a jasper, clear as crystal. It had a great high wall with 12 gates, and with 12 angels at the gates. On the gates were written the names of the 12 tribes of Israel. There were three gates on the East, three on the north, three on the south and three on the west. The wall of the city had 12 foundations, and on them were the names of the 12 Apostles of the Lamb.

The angel who talked with me had a measuring rod of gold to measure the city, its gates and its walls. The city was laid out like a square, as long as it was wide. He measured the city with the rod and found it to be 12000 stadia in length, and as wide and high as it is long. He measured its wall and it was 144 cubits thick, by man's measurement, which the angel was using. "

Revelations 21 v 1 - 18

What is quite remarkable is that Genesis 1 v 1 (the beginning of the Bible) also contains a cube. In fact the very first verse of the Bible consists of 7 words made up of 28 letters. When the gematrical value of these letters are multiplied we obtain 288 cubed.

Genesis 1 v 1 = **288 x 288 x 288**

Also, the letters of the First, Middle and Last words multiply to give **12 x 12 x 12**

And the letters of the remaining words multiply to give **24 x 24 x 24**

7	6	5	4	3	2	1
200 90 1 5	400 1 6	300 40 10 40 5	400 1 40	30 5 10 40 1	200 1 2	200 1 300 10 400 2
: הארץ	ואת	השמים	את	אלהים	ברא	בראשית
.earth the	and	heavens the		God	created	beginning the In
296	407	395	401	86	203	913

Two other cubes occur in Genesis 1v1.

The letters of the first 5 words multiply to **48 x 48 x 48**

The letters of the last 2 words multiply to **6 x 6 x 6**

So all together we have 4 inner cubes -

Cube A: **6 x 6 x 6**

Cube B: **12 x 12 x 12**

Cube C: **24 x 24 x 24**

Cube D: **48 x 48 x 48**

Each cube forms part of a mathematical sequence - separated from the next cube by **2 x 2 x 2**

All within the entire cube of **288 x 288 x 288**

God said "I am the Alpha and the Omega, the Beginning and the End" - and this strange cube appears in the beginning (Genesis) and at the end (Revelations)

In both cases the cube is a multiple of 12 cubed, and in both cases the cube manifests with the creation of a new Heavens and new Earth.

All this is quite remarkable - the beginning reflects the end. But what is the meaning of this pattern? What is this mysterious cube that appears with the creation of the world?



The Name of the Cube

We have seen that the cube in Genesis 1 v 1 is **288 x 288 x 288**

We saw that this cube parallels the cube found in Revelations 21 which has the dimensions **12,000 x 12,000 x 12,000**

In both cases the cube is a multiple of 12 cubed, and in both cases the appearance of the cube coincides with the creation of a new heavens and earth.

Well, in Revelations the cube is given a name. It is called "Jerusalem" - in fact "the New Jerusalem"

The gematria for the name "Jerusalem" (as it is used here in Revelations) = 864

864 = Ierousalem = 'Jerusalem'

and we find that

864 = 288 + 288 + 288

It seems a remarkable coincidence that the cube in Genesis has dimensions of 288 x 288 x 288.....a numerical embodiment of the very same name..

Perhaps the cube is God, since God is a Trinity, and so could be represented geometrically as a cube.

$$288 = 2 \times 3 \times 6 \times 8$$

$$\text{So } 288 \times 288 \times 288 = (2 \times 3 \times 6 \times 8) \times (2 \times 3 \times 6 \times 8) \times (2 \times 3 \times 6 \times 8)$$

and 2368 is the gematria for Jesus Christ

The occurrence of this mysterious cube at both the beginning and end of the Bible, caused me to look for other parallels between these verses. This impression was reinforced by the fact that both references to this cube occur in the context of the creation of Heaven and earth.

Consequently I decided to see if the creation verse in Genesis 1 v 1 bore any gematrical relationship to the creation verse in Revelations 21 v 1

The New Heavens and New Earth of Revelations 21 v 1 is spoken of in these words -

"Then I saw a new heaven and a new earth, for the first heaven and the first earth had passed away, and there was no longer any sea"

This verse parallels the Genesis 1 v 1 verse

"In the beginning God created the heavens and the earth"

Vernon has shown that Genesis 1 v 1 is a multiple of 37

$$\text{Genesis 1 v 1} = 37 \times 73$$

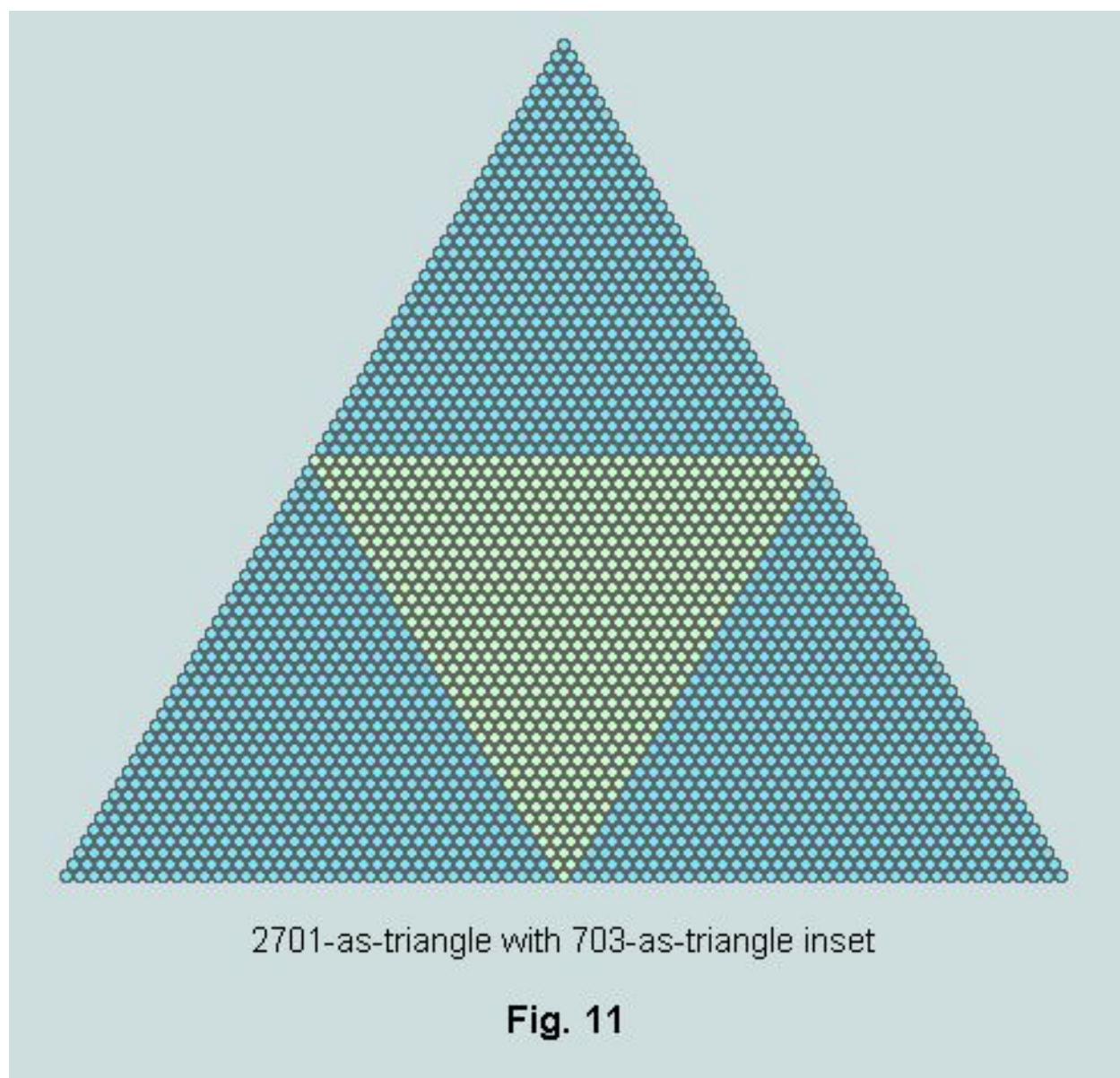
Vernons Web

Vernon also has shown that Genesis 1 v 1 forms two distinct parts -

- the last two words add to 703, the 37th triangular number
- the first five words add to 1998 = 3 x 666

This structure has been very thoroughly demonstrated by Vernon.

Genesis 1 v 1 may be represented by a triangle - thus -



Notice how the verse consists of a central triangle (703, the 37th triangular number) surrounded by three triangles each of 666

Now let us turn to the creation verse in Revelations 21 v 1

Using Richards Gematria database ([Database Link](#)) and the NestleAland Greek NT we obtain a gematria of 7326 for this verse

7326 is a multiple of 37

$$7326 = 37 \times 3 \times 66$$

$$7326 = 6600 + 660 + 66$$

$$\text{Genesis 1 v 1} = T37 + 3 \times 666$$

$$\text{Revelations 21 v 1} = 37 \times (3 \times 66)$$

The parallelism is extraordinary

What's more, when the two verses are combined we get

$$2701 + 7326 = 10027 \text{ a digital rearrangement of } 2701$$

$$10027 = 271 \times 37, 271 \text{ being itself a digital permutation of } 2701$$

Here is an interesting pattern

Genesis 1 v 1 gives

$$703 + 3 \times 666$$

Combining the verses (Genesis 1 v 1 + Rev 21 v 1) gives

$$37 \times (73 + 3 \times 66)$$

The number 271 is itself a microcosm of the triangle 2701. Compare -

- $2701 = 703 + 3 \times 666$

-

- with

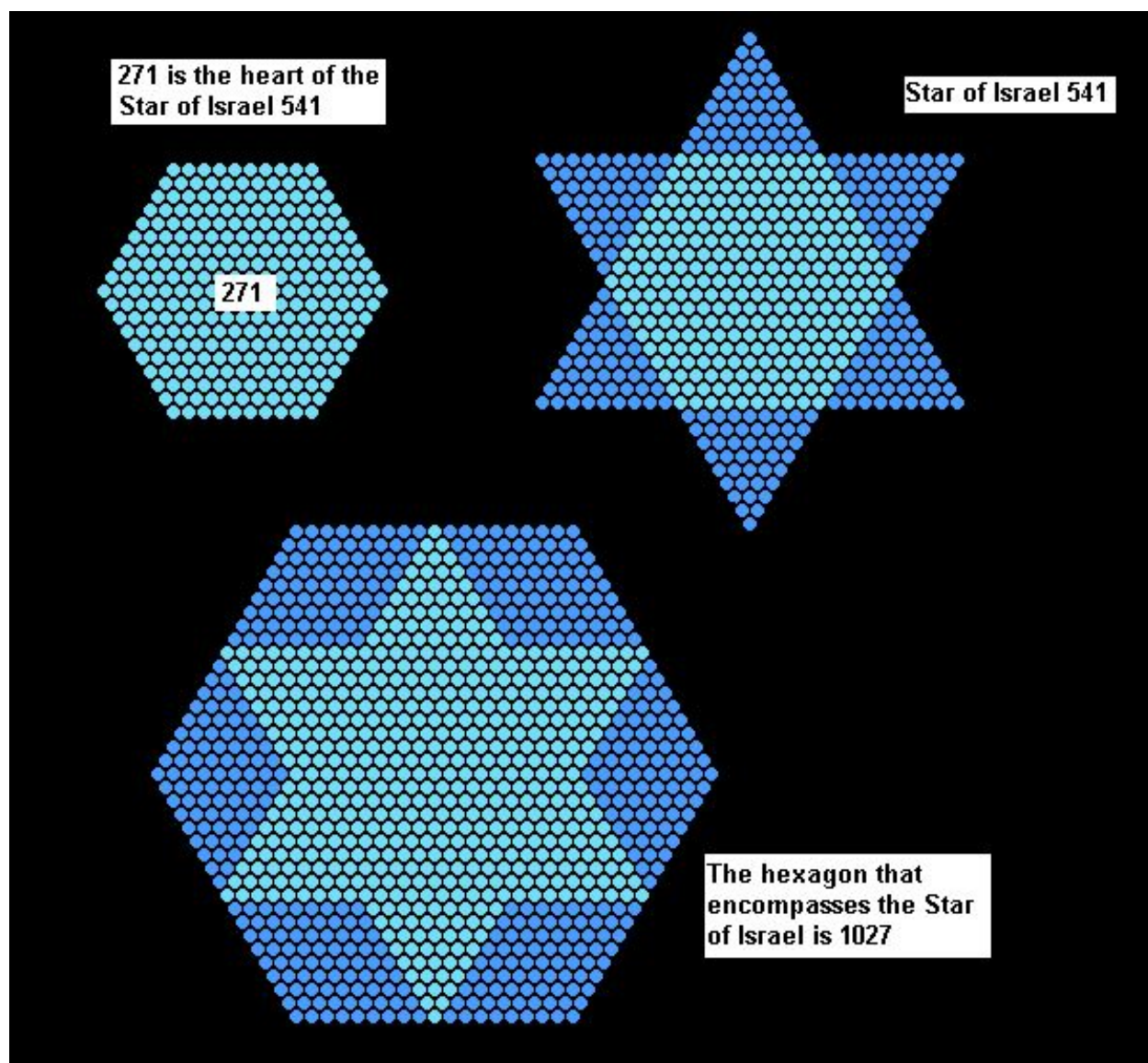
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- $271 = 73 + 3 \times 66$

-

-

It would be interesting to explore the geometrical relationship between these two creation verses.



What is really remarkable is that the number 271, and 1027 are digital permutations of 2701, the Creation verse.

And 271 is the hexagon at the heart of the Star of Israel

And 1027 is the hexagon that surrounds the Star of Israel

The reason why this is so remarkable is that the Book of Genesis is about the beginning of the world, and the beginning of the nation of Israel.

It begins with Creation, and ends with the birth of a nation.

The Triple Star of Creation

The Hebrew words (reading right to left) may be alternatively, and fairly, read as a set of 7 natural numbers, thus:

7	6	5	4	3	2	1
90 200 1 5	400 1 5	40 10 40 300 5	400 1	40 10 5 30 1	1 200 2	400 10 300 1 200 2
בראשית	ברא	אלהים	את	השמים	ואת	הארץ :
beginning the In	created	God		the heavens	and	the earth.
913	203	86	401	395	407	296

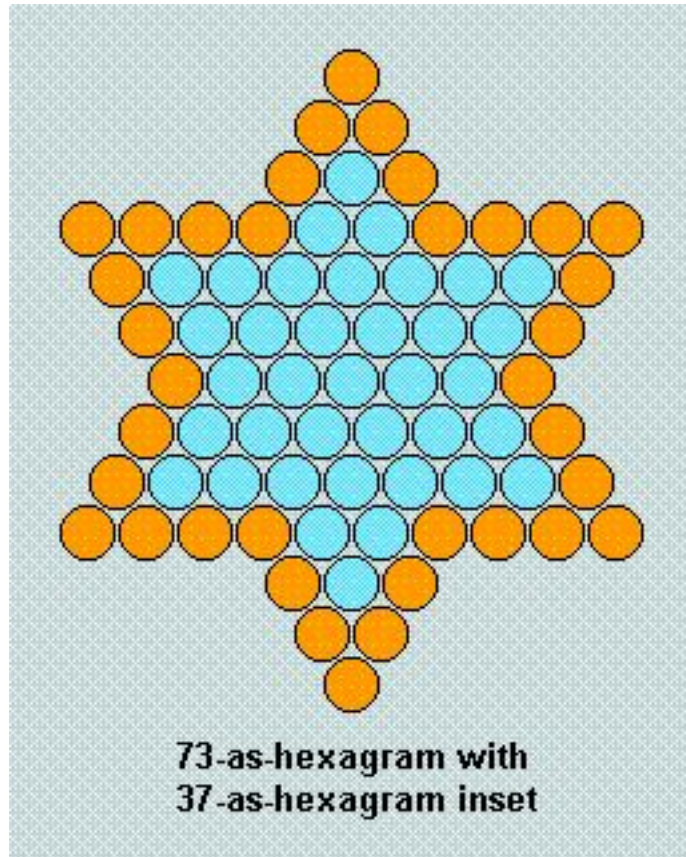
$$296 + 407 + 395 + 401 + 86 + 203 + 913 = 37 \times 73$$

Genesis 1 v 1 has an alpha-numeric value of **37 x 73** which is interesting because -

1. both 37 and 73 are **prime** numbers
2. 37 is a **digital reflection** of 73.

Here is a geometrical representation of 37 and 73. You can see that -

1. both 37 and 73 are **Star numbers** - they both form hexagrams
2. The Star of 37 fits perfectly within the Star of 73



Genesis 1 v 1 consists of 7 words

The Odd words have values of $913 + 86 + 395 + 296 = 1690 = \mathbf{13 \times 130}$

The first and last odd number = $913 + 296 = \mathbf{13 \times 3 \times 31}$

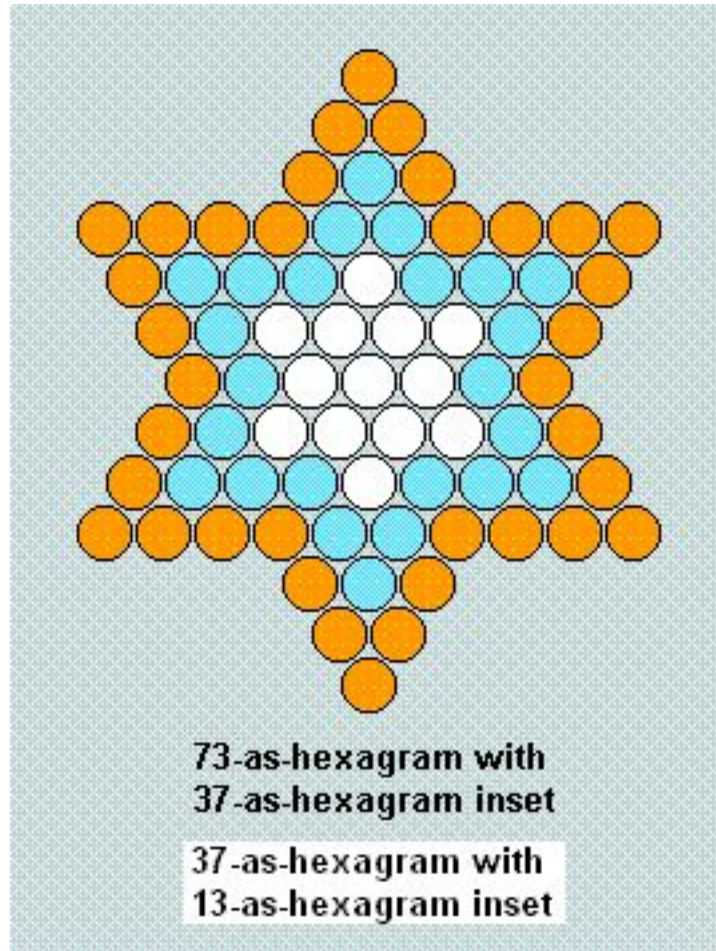
The middle two odd numbers = $86 + 395 = \mathbf{13 \times 37}$

Both 13 and 31 are **prime** numbers

13 is a **digital reflection** of 31

13 is a **Star number** - it forms a hexagram

The Star of 13 fits perfectly within the Star of 37



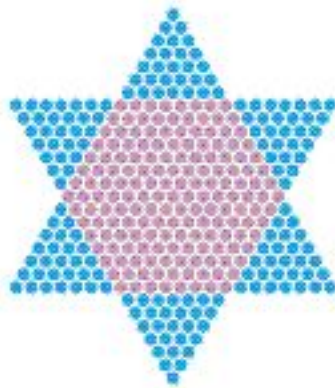
The Even words are $203 + 401 + 407 = 1011$

$1011 = 3 \times 337$

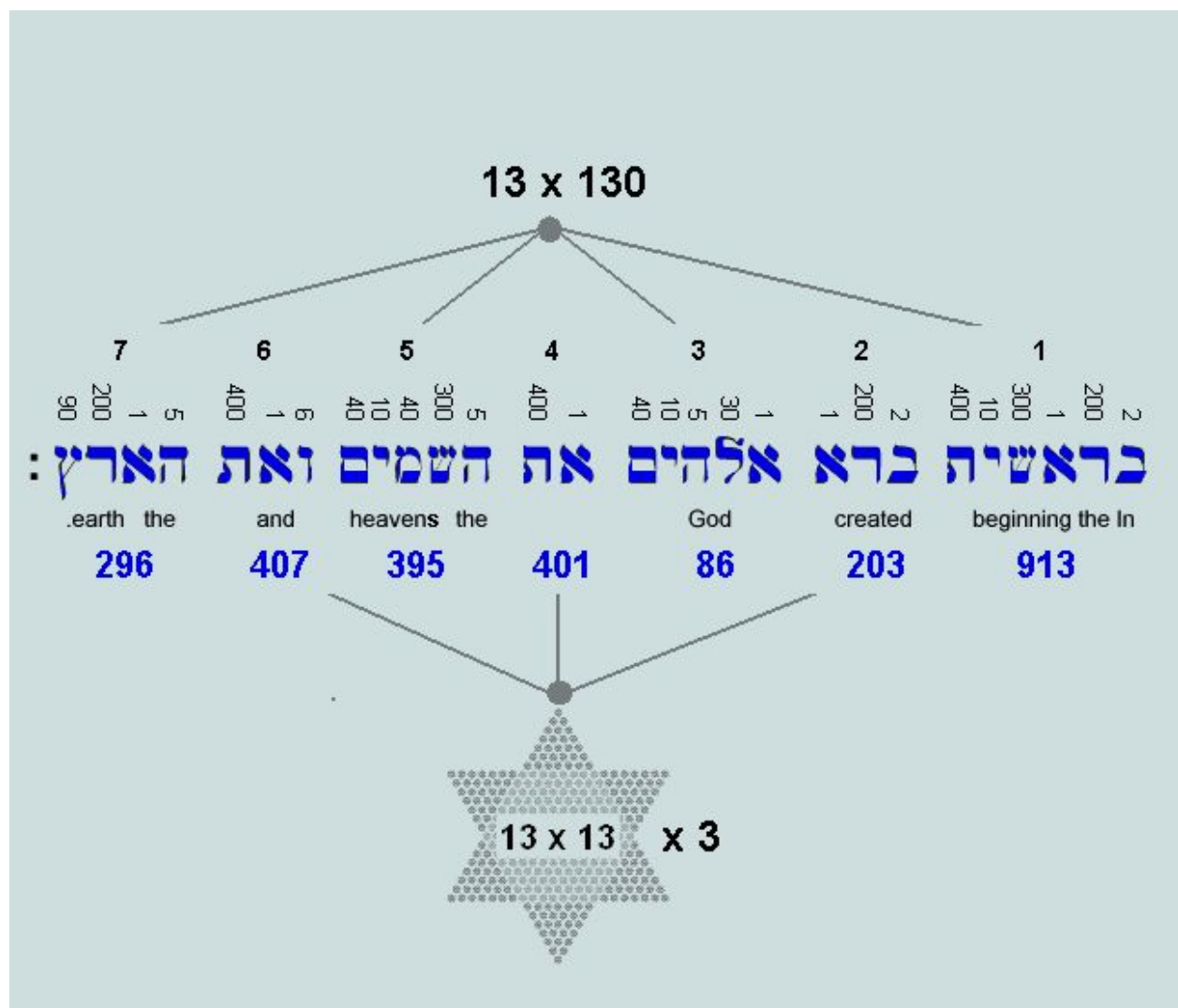
1. 337 is a prime number
2. 337 is a Star number

The odd words are related to the even words because the heart of the 337 star is the hexagon of $169 = 13 \times 13$

13×13 forms the heart of the 337 star, just as 37 forms the heart of the 73 star. They are related in exactly the same way.



337 as Star with
169 as Hexagon



John 1 v 1 is the Creation verse in the New Testament.

It also consists of factors that are digital reflections of each other : 39 x 93

The the prime factors are 13 and 31 .

13 is a Star number

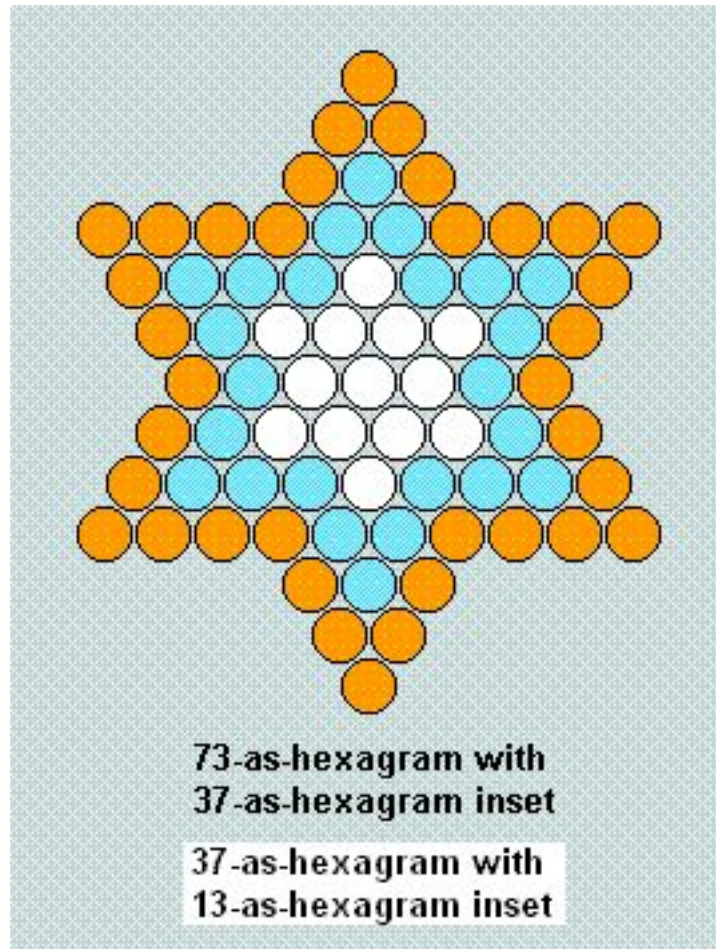
13 fits perfectly inside the Star number 37, just as 37 fits inside the Star number 73. In this sense 13 is foundational to 37.

2701 combines with 3627 to form the 112th triangle. The 3627 section is 3 x 13 deep and averages 3 x 31 wide. This compares to the 2701 section that is 73 deep and averages 37 wide.

So 37 x 73 (Genesis 1 v 1) rests upon a foundation of 13 x 31 (John 1 v 1)

Creation is born out of love and unity

The Triple Star of Creation refers to the three Star numbers 13, 37 and 73 that fit inside each other and embody the prime factors of Genesis 1v1 and John 1v1.



The Star of Israel

Israel

The name of Israel has a gematrical value of 541

541 is a prime number

541 is a Star number

Each of the three diagonals is 37 units long, so the Israel Star fits into the 703 triangle

The inner hexagon is 271

The outer hexagon is 1027

12 Sons of Israel

The names of the 12 sons of Israel sum to $37 \times 86 = 37 \times 73 + 13 \times 37 =$ a perfect Triple Star.

These names form three axes - 888, 31×37 , 31×37

$31 \times 37 + 31 \times 37 = 1480 + 814$ (digital permutation of 1480)

The Messiah as the Son of Israel - $888 + 1480$

The Law

The people were given the Shema as the summation of their law

$\text{Shema} = 13 \times 86 = 13 \times 73 + 13 \times 13$

The Clustering Principle & Genesis 1:1

In this rapturette, let us take a math lesson from the Wonderful Numberer, the Creator of Genesis 1:1. The Clustering Principle, discovered by Ian Mallett, states that when a number is greater than 999, the comma is replaced with a 'plus' sign. Much like the digital root of a number (e.g. digital root of 26 is $2+6=8$), the clustered value of a number greater than 999 reveals underlying numerical significance and meaning.

The seven word values of Genesis 1:1 (G11) are 913, 203, 86, 401, 395, 407 & 296. By arranging the 20 digits in ascending order, 00011223334456678999, Ian confirmed the principle he propounded when he performed clustering on the reordered string to obtain a total of **2701** ($00+011+223+334+456+678+999$) -- the gematria total of the seven words.

Is this the kind of math worthy of our great Creator? Isn't this child's play? It is revealing that Jesus said in Matt 18:3, "Verily I say unto you, Except ye be converted, and become **as little children**, ye shall not enter into the kingdom of heaven." To be sure, the Lord knows calculus and algebra (He invented them!), yet, there are simple arithmetic principles which involve addition and subtraction that ordinary folks like you and me can follow easily. :)

Out of curiosity, I multiplied the seven word values of G11 using the Big Number Calculator (see [link](#)), and obtained a very large number: $913 \times 203 \times 86 \times 401 \times 395 \times 407 \times 296 = 304,153,525,784,175,760$; the clustered value of this product is also **2701** ($304+153+525+784+175+760$)!

Then I arranged the digits in ascending order just as Ian did: 304,153,525,784,175,760 >> 001,123,344,555,567,778; the clustered value of the reordered string is **2368** ($001+123+344+555+567+778$), the Greek gematria of JESUS CHRIST!

JESUS CHRIST (**2368**), the Creator of Genesis 1:1 (**2701**), confirms the Clustering Principle THREE TIMES in the opening scripture of the Bible He authored!

Reference

http://www.fivedoves.com/rapturette/RAPTURETTE_0009.htm

Genetic Patterns

Mathematical Patterns within the Genetic Code

by Craig Paardekooper February©2007

(latest update 9th July 2011)

Discussion Forum : [Forum](#)

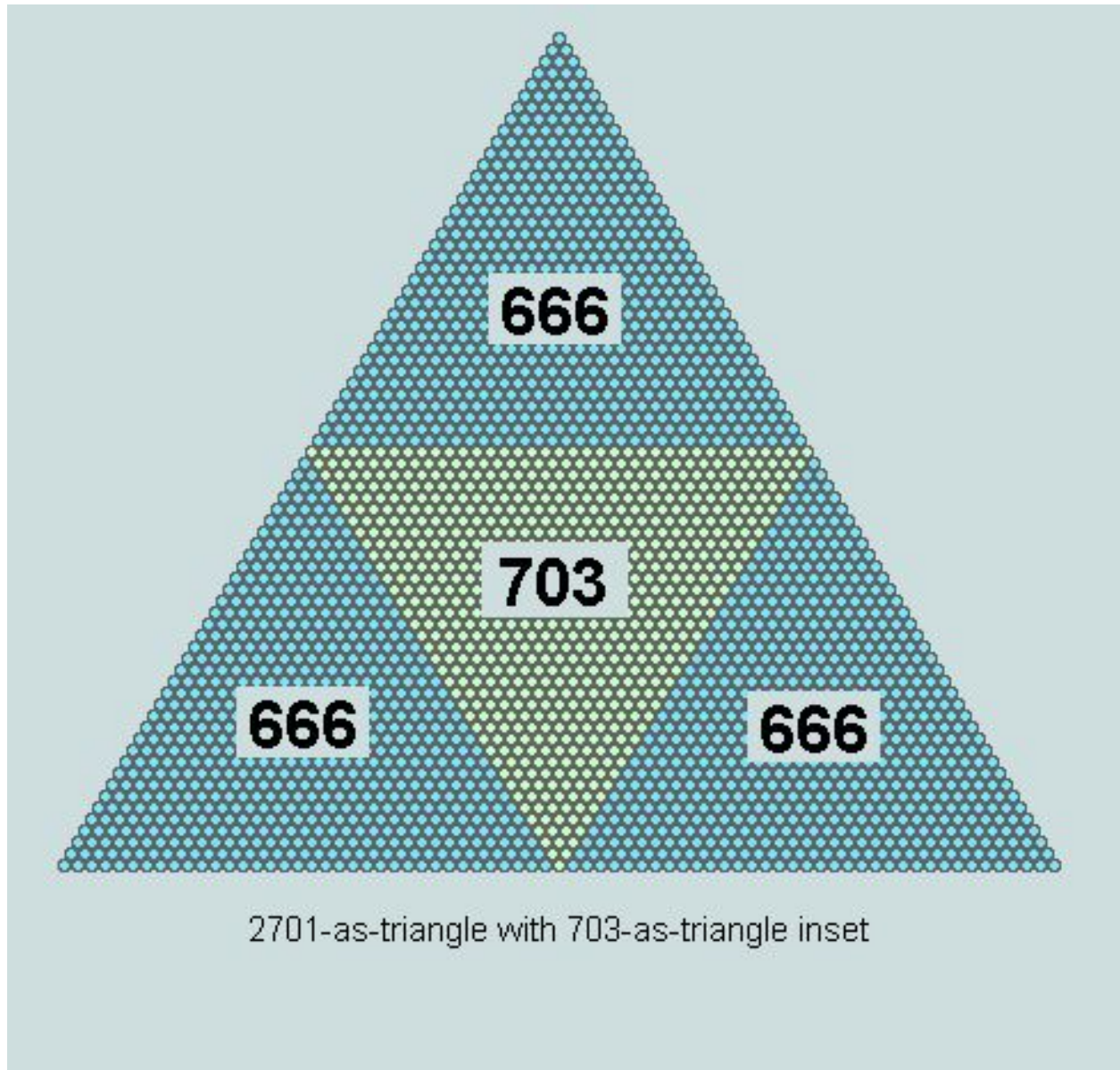
Abstract

In this blog I explore some very interesting mathematical patterns recently discovered by scientists in the Genetic Code. The patterns are quite beautiful, and they are a fairly strong indicator of Intelligent Design. However, in addition, these patterns bear a surprising resemblance to similar patterns found encoded in the Genesis narrative.

Background

Previously, Vernon Jenkins, discovered a mathematical pattern encoded within the Hebrew text of the Old Testament creation narratives. His work is displayed here - <http://www.otherbiblecode.com>.

Here is the central pattern found encoded in Genesis 1 v 1



I was deeply impressed by the mathematical consistency of the patterns that Vernon discovered and I studied his work for about 2 years, contributing insights now and then. One of the things I discovered early on was the occurrence of the ratio 1: 1.2732, the ratio for a squared circle. This

led Vernon to the discovery of pi in Genesis 1. This, in turn, led Peter Bluer to the discovery of e in Genesis 1 also.

Putting the Pieces Together

The patterns that Vernon discovered in Genesis were very clear and strong, so I reasoned that these patterns were unlikely to be the product of chance, and so were probably put into the narrative deliberately. I surmised that if God had encoded the patterns in the creation narrative, then perhaps the patterns would also manifest in the things that God supposedly created - ie in the living things He made.

In our generation we have become familiar with the genetic code as THE repository of all the information and instructions necessary for life, so my attention turned to the genetic code to see if Vernon's patterns were found there.

Initially I sent out an email to Vernon, Iain Strachnan and Richard McGough asking them if they were aware of any occurrence of Vernon's patterns in the newly published human genome. Nothing came to light, and for a few months I allowed my thoughts about the subject to gather dust.

Then, as 2006 drew to an end, I decided to look at the current research of scientists from around the world. I soon discovered that over the last decade many scientists have begun exploring the mathematical patterns found within DNA.

Vernon's pattern was intriguing, and it served as a guide telling me where to look, and what to keep my eyes open for. His patterns served as a kind of "treasure map" suggesting what I might find, and where to probe deeper....

Results

January 2007 : In January 2007,* I came across the work of Shcherbak, a mathematician and geneticist. Shcherbak had written several papers on a curious mathematical pattern that he had found in the genetic code. I obtained his papers at the British Library, and made a careful study of them - and produced a simplified booklet that I published online. What was quite surprising was the resemblance between Shcherbak's genetic patterns and those found by Vernon in the creation narratives. I remember the moment I saw the similarity - I was so struck that I forgot to breath. Time seemed to freeze. For several days I was completely stunned - in a state

resembling shock and euphoria. I knew that this was going to have an impact. Our world views would be changed forever.

I have summarised Shcherbak's work in a booklet found here.

<http://www.freewebs.com/genetics37/shcherbakPages.htm> See "Genetic Patterns"

February 2007 : In February 2007 I created a website where I gathered a bibliography of current research on mathematical patterns within the genetic code - found here -

<http://www.freewebs.com/genetics37>

I sent this information to Vernon Jenkins, Richard McGough and Iain Strachnan. Vernon has since independently investigated and peer reviewed Shcherbak's findings. He has confirmed these resemblances and has created his own web page where the findings are clearly depicted

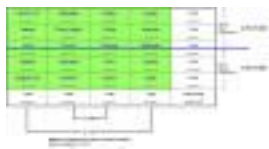
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http://www.whatabeginning.com/Misc/G...enetics_VS.htm

Then Peter Bluer, a friend of Vernon's, wrote about these findings in his online pdf here, adding some discoveries of his own -

<http://www.biblemaths.com/dna.pdf>

February 2010 : Three years passed by, then in February 2010, prompted by Steve Coneglan to carry on the genetics research, I made a careful study of the work of another geneticist - M. M. Rakocevic. The resemblances between Rakocevic's genetic patterns and those in the creation narratives are astounding. Here is an example -



Amino Acid	Molecular Mass
Alanine	75
Arginine	174
Asparagine	132
Aspartic Acid	119
Cysteine	121
Glutamine	144
Glutamic Acid	119
Glycine	75
Histidine	155
Isoleucine	163
Leucine	133
Lysine	146
Methionine	149
Phenylalanine	165
Proline	97
Serine	105
Threonine	119
Tryptophan	204
Valine	117

The diagram above shows the 20 amino acids that are the building blocks for ALL living creatures on our planet. The figure next to each amino acid is its accepted molecular mass (relative to Carbon 12) as can be found on Wikipedia or in any accurate biochemistry manual.

These findings have been submitted to Vernon Jenkins, Steve Coneglan, Richard McGough and Peter Bluer. Steve Coneglan has peer reviewed Rakocovic's work and confirmed the accuracy of these startling patterns.

<http://www.craigdemo.co.uk/aminoacidmass.htm>

Peter Bluer has also reviewed these findings and independently confirmed the accuracy of the numbers. He has confirmed both the vertical and horizontal symmetry found in the amino acid table, and has proceeded to find some new patterns where by the amino acid table divides symmetrically into 3×666 and $703 + 37$. He found these new patterns by moving one column whilst still preserving all the original patterns.

You can view his patterns here -

<http://www.craigdemo.co.uk/aminoexcel.xls>

Vernon Jenkins is intending to publish these new findings on his website at www.otherbiblecode.com. Here is Vernon's web page -

[Vernon's new web page on Rakocovic's pattern](#)

Apart from the horizontal AND vertical symmetry, incredible in itself, the occurrence of both of the key numbers from Vernon's pattern, 666 and 703, is immediately obvious. The result is quite stunning.

December 2010 : Most recently, in early December 2010, I became aware of the extraordinary research of Jean Claude Perez, a french geneticist and mathematician. This very year he published a very interesting discovery that shows some very remarkable symmetries within the genetic code. These symmetries are perfect balances in the frequency of occurrence of the 64 codons within the human genome. I found this article quite helpful -

<http://www.craigdemo.co.uk/perez.htm>

You can read Perez's paper here - <http://www.resurgence.be/pdf/ADN-perez.pdf>

I have carefully studied his paper, and his findings are truly accurate and remarkable. Not only are perfect symmetries revealed, but also these symmetries are based on the ratios 1 and phi (the Golden Ratio). I would highly recommend reading and making a copy of his paper.

February 2011 : In February 2011 I took a closer look at the pattern discovered by Rakocevic. Closer analysis revealed a new set of patterns shown in the diagram below.



We can see the developing pattern.

The outer columns = $2 \times 666 + 2 \times 37$

The inner columns = $2 \times 703 - 2 \times 37$

The odd columns = $2 \times 703 - 2 \times 73$

The even columns = $2 \times 666 + 2 \times 73$

February 13th 2011 : On February 13th Steve Coneglan, using more accurate figures for the mass of each amino acid, was able to confirm that my observations were correct PRECISELY. Here are his equations (C1 = column 1, C2 = Column 2, C3 = Column 3, C4 = Column 4)

$$C2 + C3 = 828.87 + 503.50 = 1332.37 = (2 \times 703) - (2 \times 37) + 0.37$$

$$C1 + C4 = 755.77 + 649.86 = 1405.63 = (2 \times 666) + (2 \times 37) - 0.37$$

$$C1 + C3 = 755.77 + 503.50 = 1259.27 = (2 \times 703) - (2 \times 73) - 0.73$$

$$C2 + C4 = 828.87 + 649.86 = 1478.73 = (2 \times 666) + (2 \times 73) + 0.73$$

February 25th 2011 : I published my paper on Rakocevic's patterns here - [The Creation of the Genetic Code](#)

March 4th 2011 : I received a copy of a paper written by Stephen Coneglan. Stephen had taken a deeper look at Rakocevic's table and had rearranged the amino acids by their chemical properties so that they are symmetrically placed. When Stephen did this he found that the numerical pattern that emerged possessed precise symmetry both vertically and horizontally.

Here is a link to his paper - [Stephens Paper](#)

March 12th 2011 : Stephen sent to me an updated version of his paper that includes much new material in the appendices. Here is the updated version -
Updated Version

In this paper Stephen demonstrates that when the amino acids are arranged symmetrically according to several of their chemical properties, then a very precise numerical symmetry emerges. On 13th March I shall email these results to Shcherbak, Perez and Rakocevic, since their feedback would be invaluable.

March 19th 2011 : I submitted two papers to Shcherbak for review - The Creation of the Genetic Code and Updated Version.

Here is the response we received from Shcherbak -
Dear Craig,

thank for your longstanding interest to my research. You have attached two articles. Article by Stephen Coneglan updates 5x4 table of 20 canonical amino acids published by Miloje Rakocevic in JTB while your article gives geometrical interpretation to these results. I think that Miloje Rakocevic finding became even more brilliant due to your scrupulous research.

However, pure mathematical approach to the genetic code and its numerical parameters threatens to be the scholastic one. To avoid scholasticism I try, for example, to interpret my results as instruction on possible universal arithmetic grammar of genomes. By the way, I recommend you to pay attention to the second Chargaff's rule (see attached articles). This phenomenon and its total power may be a continuation of the genetic code arithmetical order, this time in genomes. Therefore we – I and my young colleague Maxim Makukov – are searching now for analogous numerical grammar in genomes.

There are two squared numbers of total sum $2 \times 37^2 = 2738$ in your articles. On the other hand there is equation $12^2 + 35^2 = 37^2$ among Pythagorean numbers. I would like to ask you and Stephen: is it possible to bisect regularly 5x4 table and its total sum producing the same equations $12^2 + 35^2 = 37^2$ and $12^2 + 35^2 = 37^2$? I ask this question because the genetic code has shown already the first Pythagorean number.

Yours sincerely

Vladimir

July 2nd 2011 : I came across the work of Wohlin. Here is a link to it.
"The Genetic Code: Mathematical patterns in the assignment of codons to amino acids"

July 9th 2011 : Steve Coneglan has finished his booklet "A New Table of the Amino Acids". This extends the work of Rakocevic.
"New Table of the Amino Acids" by Steve Coneglan

Thoughts

The mathematical patterns found in the genetic code indicate Intelligent Design. They suggest that life came from some Cause that possessed arithmetical ability, that enjoyed harmony and balance and perfect order. Even scientists like Shcherbak are forced to admit that arithmetic seems to have preceded life itself. To quote Shcherbak -

Quote:

The genetic code turns out to be a syntactic structure of arithmetic, the result of unique summations that have been carried out by some primordial abacus at least three and half billion years ago.

Quote:

They refute traditional ideas about the stochastic origin of the genetic code. A new order in the genetic code hardly ever went through chemical evolution and, seemingly, originally appeared as pure information like arithmetic itself.

I am sure that this is only the beginning. Something truly incredible lies hidden within the genetic code. It will only emerge as our knowledge advances.

The specific similarity of the genetic patterns to Vernon's patterns is interesting. It was on the basis of Vernon's patterns that I expected to find similar genetic patterns. Vernon's work suggested "if you look you will find". I don't think it is an exaggeration to say we have found something.

Regards

Craig Paardekooper

Dating of the Exodus

1. Based on Bible Data

During his lifetime, Ussher was outstanding as a theologian, textual critic, linguist, and historian. But he is known today as a historian--and only for one of his works, though he actually wrote three compendious histories in all. The one for which he became so infamous was his final one, written in retirement during the final years of his life; it wasn't actually released in his native language until after his death.

To start out with, I'll allow a [hostile witness](#) to explain the facts concerning how *Annals* was compiled:

"James Ussher (1581-1656) was the Anglican archbishop of Armagh Ireland, and "Primate of All Ireland", meaning the head of the Anglican church in Ireland. He was one of the most respected scholars and theologians of his time, and traveled widely in search of original documents, or at least the oldest versions of them he could find. The many books and documents he collected through his life were to form the nucleus of the great library at Trinity College in Armagh.

"Ussher is primarily known today for his chronological work, in particular for the precise date he fixed for the Creation of the world. This date is so often misquoted, usually to get a cheap chuckle from the reader or a lecture audience, that I think it is worth not only putting Ussher's work in its proper historical perspective, but also to make his words on the matter available for people to read for themselves.

"Contrary to popular misconception, Ussher did not simply count up years by following who begat whom in the Book of Genesis. Rather, he undertook a careful, critical synthesis of historical documents including Biblical, Middle Eastern and Mediterranean sources, knowledge of the calendrical systems of antiquity, Roman history, and any ancient documentary sources he could get acquire and verify (then as now the lucrative traffic in antiquities lead to numerous counterfeits in circulation). His scholarship was impeccable, and the end of that scholarship was not so much to fix the date of Creation (although that was the one result we remember), but rather to compile as complete and historically correct a chronology of human history as the documentary evidence would allow. It is well to remember that in the 17th century this was a topic of great scholarly interest, as it is now. Ussher was instrumental in putting this endeavor on a sound scholarly basis, as well as for exposing numerous counterfeit documents. "

[James Ussher](#), in [The Annals of the World](#), placed the Exodus at 1491 BC. He based his calculations on -

1. Accepting 586/7 BC for the destruction of Jerusalem
2. A direct reckoning of the dates-of-accession of the Kings of the Divided Kingdoms [Northern](#) and [Southern](#).

3. The Bible's explicit statement that [Solomon](#) broke ground on the [Temple of Jerusalem](#) exactly 479 years after the Exodus.^[22]

With the almost unanimously accepted date of **586/7 B.C** (a few accept 588 and WTS uses 607) for the destruction of Jerusalem, this chronology starts by adding back the total of the ruler-ships of the kings of Judah from Rehoboam to Zedekiah. This amounts to approximately **390** years. Ussher took a literal reading of the Bible. He did not try to reinterpret the Bible in the light of any non-biblical source.

586 B.C + 389 years = 975 B.C for the 1st year of Rehoboam.

1 Kings 11:42:

“...the time that Solomon reigned in Jerusalem over all Israel was 40 years.”

975 B.C + 40 years = 1015 B.C for the beginning of Solomon's reign.

1 Kings 6:1 NJB:

“In the 480th year after the Israelites came out of Egypt, in the fourth year of Solomon's reign over Israel...he began building the temple of Yahweh.”

1015 B.C less 3 years = 1012 B.C for Solomon's fourth year.

1012 B.C + 479 years = 1491 B.C for the date of the Exodus.

It is **390 years** from Rehoboam's first year to Zedekiah's last year. During this period there is only one co-regency which is that of Jehoshaphat and his son Jehoram, whose rulerships overlap by 4 years (2 Kings 3:1; 8:16; 8:25; 9:29).

Ussher assumed:

1. That he knew for certain the date of the death of [Nebuchadnezzar II](#)--which was 562 BC.^{[1][2][3]}

2. That this was also the date that Nebuchadnezzar's son [Evil-Merodach](#) began to reign.

From this date, he worked backward, using the meticulous dates that appear throughout I and II Kings, each of which gives a date of a king's accession with references to a year of reign of another king--except that kings of the [Southern Kingdom](#) after the conquest of the [Northern Kingdom](#) are listed only with their ages and lengths of reign, and King [Jehoiachin](#) is referenced by how many years he had been a captive when Evil-Merodach acceded to his throne. That sequence definitely places the division of the kingdoms at 975 BC, and the beginning of Solomon's reign at 1015 BC. [1 Kings 6:1](#) states that Solomon broke ground on the Temple in the fourth year of his reign--and that this event took place in the *four hundred eightieth year since the Exodus of Israel*. This places the Exodus at 1491 BC. (The sequence also places the [Fall of Jerusalem](#) at 588 BC, because it happened 11 years after [Jehoiachin](#) was taken captive.)

2. Based on Assyrian Data

Modern scholars seek to make the Bible fit in with the chronologies of other nations. For example, Thiele makes a number of assumptions from observations of Assyrian stone tablets that, he believes, warrant a *revision* of the king list in I and II Kings. **Thiele's sole warrant for favoring his date over Ussher's is his attempt to reconcile the king lists of the Divided Kingdoms Northern and Southern with the chronology of the Assyrians.** The point being that in the absence of non-biblical sources, Thiele too would adopt Ussher's chronology, since Ussher's Chronology is based on exactly what the Bible says when taken at face value.

Ussher calculated King Jehu as having acceded to the throne of Israel (and also killed King [Ahaziah](#) of Judah) in 884 BC. However Thiele argues that The Black Obelisk of Shalmaneser III mentions a king identified as Jehu, son of Omri as paying tribute to King Shalmaneser III in 841 B.C. Shalmaneser III mentions that in the eighteenth year of his reign he went against "Hazeal of Aram", shut him up in "Damascus, his royal city", and "received tribute of the men of Tyre, Sidon and of Jehu, the son of Omri".

This is a 43 year difference with the Bible. Which is correct - the Bible or the Assyrian inscription? Thiele opts for the later and *moves forward the date of Jehu's campaign* from 884 BC to 841 BC. **That movement alone accounts for 43 of the 45 years by which the Ussher and Thiele dates of the Exodus and the Temple are discrepant.**

Thus Thiele assumes that the Assyrian inscription is correct, and that the Bible is in error.

Is the Assyrian inscription correct?

Faulstich discovered that much of the information on the Black Obelisk that is attributed to Shalmaneser was taken from earlier monuments. This plagiarism was so common in Assyrian history that the father of Shalmaneser III pronounced a special curse on kings who tried to steal his fame by ascribing to themselves deeds he had done. Faulstich goes on to document inconsistencies among the Black Obelisk, the Tigris Inscriptions, the Statue Inscriptions and the Bull-Colossi. This type of historical revisionism results in the collapsing of historical events into a shorter time frame. Ref: Faulstich, E.W., *History, Harmony & The Hebrew Kings*, Chronology Books, Spencer, Iowa, pp. 143—157, 1986.

Does Thiele's proposed revision fit in with the rest of the Bible?

To make the Bible fit in with the Black Obelisk, Thiele was forced to compress greatly the history of the [Northern Kingdom](#) after Jehu. To collapse the Biblical history, he created overlapping reigns of kings so that the total length of the period is significantly shortened.

For example, the Bible says that Uzziah was 16 years old when his father (King Amaziah) died, and Uzziah was made king. And Uzziah reigned 52 years. Thiele argues that Uzziah's reign overlaps with that of his father, so when his father died, Uzziah had already been reigning 24 years!! This would mean that Uzziah began to reign 8 years before he was even born!! This is illustrative of how much Thiele has to twist the straightforward reading of the Bible in order to fit it in with the Assyrian chronology. He has to insist that a person was made king eight years before that person was even born - and in direct contradiction to the clear reading of Scripture.

Scripture actually says -

‘And they brought him [Amaziah, Uzziah’s father] on horses, and he was buried at Jerusalem with his fathers in the city of David. And all the people of Judah took Azariah [Uzziah] who was sixteen years old, and made him king in place of his father Amaziah’ (2 Kings 14:20,21).

‘In the twenty-seventh year of Jeroboam king of Israel, Azariah [Uzziah] the son of Amaziah king of Judah began to reign. He was sixteen years old when he began to reign, and he reigned fifty-two years in Jerusalem ...’ (2 Kings 15:1,2).

By all rules of exegesis, one would conclude that Uzziah was made king after the death of his father when he was 16 years old. This event happened in the 27th year of Jeroboam. A second example.

The Bible clearly says that: 1) Menahem began to reign in the 39th year of Uzziah, and Menahem reigned for 10 years, followed by his son, Pekahiah, who reigned for two years (Tables 1 & 2); 2) Pekahiah was murdered by his commander, Pekah, who in turn reigned for 20 years. By normal rules of exegesis, this would be the most normal way to understand the text. 'In the thirty-ninth year of Azariah [Uzziah] king of Judah, Menahem the son of Gadi began to reign over Israel, ten years in Samaria' (2 Kings 15:17).

'And Menahem slept with his fathers. And Pekahiah his son reigned in his place. In the fiftieth year of Uzziah [Azariah] king of Judah, Pekahiah the son of Menahem began to reign over Israel in Samaria, two years. ... But Pekah the son of Remaliah, a commander of his, conspired against him and struck him in Samaria, in the palace of the king's house, with Argob and Arieah, and fifty men of the Gileadites with him. And he killed him and reigned in his place. ... In the fifty-second year of Uzziah [Azariah] king of Judah, Pekah the son of Remaliah began to reign over Israel in Samaria, twenty years' (2 Kings 15:22—27).

However Thiele states that Pekah began to reign in the 39th year of Uzziah!!! This is not a reinterpretation of Scripture. It is a direct contradiction. Thiele is throwing the Bible out of the window.

Once again, a simple reading of Scripture DOES NOT SUPPORT the secular chronology proposed by Thiele. Rather a straight forward reading of Scripture gives the Ussher chronology. This may vary from our current understanding of secular history, archaeology or evolution, but IT IS WHAT THE BIBLE ACTUALLY SAYS.

While Ussher assumed the primacy of Scripture, Thiele assumed the primacy of secular historical records (what Ussher called "profane history"). Pierce in particular contends that Thiele had no right, according to the accepted canons of Biblical scholarship, to impart different meanings to verses that follow the same pattern without sufficient reason—an argument that [William of Occam](#) might have made. Even if Thiele did have that right, Pierce maintains that Thiele's clues, such as they are, are not even grounded in anything approaching certainty.

In summary

A straight forward reading of Scripture fixes the date of the Exodus at 1491 B.C. **THIS IS THE DATE GIVEN BY A STRAIGHT FORWARD READING OF THE BIBLE.** This is only contested by the existence of a single Assyrian tablet that mentions a king named Jehu, son of Omri. If we follow through with Thiele's adjustment, we are forced to compress or deliberately omit many succeeding reigns and so are forced to deny the overt meaning of Scripture in many places. See <http://www.answersingenesis.org/tj/v15/i1/chronology.asp>

Conclusion

The date of the Exodus, derived from a straight forward reading of Scripture, is 1491 B.C.

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