# THE SEAL OF SOLOMON - A MATHEMATICAL KEY TO THE GREAT PYRAMID

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Abstract. A solution is proposed for the mathematical formulation of Solomon's Seal published by J.J. Hurtak (The Keys of Enoch, 1977). The original published formula shows the identity and position of triangular arrays of numbers that are arranged in a diamond-shaped lattice formation. The solution lies in adding the missing numbers to the lattice and expanding the lattice to create a digital map the Great Pyramid in perfect harmonics.

The Seal of Solomon

The **Seal of Solomon** is an ancient Hebrew symbol. It symbolizes the interpenetration of two things, two media, two principles, or two levels. In the geometric case, the Seal of Solomon is the symmetrical intersection of two triangles, one pointing up and one pointing down:
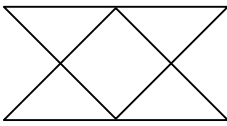

SEAL OF SOLOMON

One triangle ends as a point in the other where apex and base meet. There is a diamond shaped intermediate area where both triangles intersect. There are four triangle shaped corner areas where no intersection occurs. The two triangles are balanced in size and represent the principle of Hermes, "as above, so below." The Star of David is a variation of the Seal of Solomon.

A

The Seal of Solomon: a mathematical formula.

According to J.J. Hurtak in The Keys of Enoch, "There exists a sacred formula to be read on different levels to function as a mathematical key. The formula is expressed as:
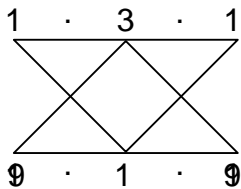
And, "I was told that the Higher Evolution in working with the grid structure of the great Pyramid used this formula to coordinate the Great Pyramid with the other grids of light. The formula includes the following mathematical arrangements: 1.3.1, 1.1.1, 9.3.9, 9.1.9 (where 1 and 9 are superimposed upon the same space). This arrangement can be used to create electromagnetic propagation functions in the midst of lattice formation." (from J.J. Hurtak, The Keys of Enoch).

Solution to the Seal of Solomon formula.

The Seal of Solomon is an array of numbers. The dots in the formula indicate that there are missing numbers. The empty spaces in the lattice below show the locations of the remainder of the missing numbers. To solve the formula one must find the all missing numbers and expand the lattice.

			1			
		.				
	3				9	
.			.			
1			1			
		.				
	9					

1.3.1 and 9.1.9 are nodes in a number lattice.

The dots between the primary nodes are replaced with numbers. The number '2' is midway between '1' and '3'. The number '5' is midway between the numbers '1' and '9'. The number '7' is midway between the numbers '3' and '1' when moving along the number circle 1-9.

			1			
		2		5		
	3				9	
2		7				
1			1			
5						
	9					

Recognizing that these numbers are parts of longer number sequences, fill in all of the missing numbers, where the harmonic axis is perpendicular to the linear axis.

			1			
		2	1	5		
	3	9	6	6	9	
2	9	7	5	1		
1	1	6	5	1		
5	6	1				
	9					

Where:

3-2-1…descending linear* (9-8-7-6-5-4-**3-2-1**)
1-2-3... ascending linear   (**1-2-3**-4-5-6-7-8-9)
1-5-9... ascending harmonic (2-6-**1-5-9**-4-8-3-7)
9-5-1…descending harmonic (7-3-8-4-**9-5-1**-6-2)

Expanding Solomon's Seal

The expanded lattice consists of nested, opposing number sequences: the linear sequence (m1/8) and the harmonic sequence (m4/ 5).

Red boxes: the red boxes in the diagram below highlight the numbers of the main linear axis (9-8-7-6-5-4-3-2-1). The right side of the lattice mirrors the left side. Adjacent number series ascend or descend in opposite directions.
Gray boxes: the gray boxes in the diagram below highlight some numbers of the harmonic axis (4-8-3-7-2-6-1-5-9).

								7	5	1
5				R			8	4	2	1
	9					9	3	3	9	6
		4			1	2	4	8	7	
			8		2	1	5	7	8	
L				3	9	6	6	9		
			2	9	7	5	1			
		1	1	6	5	1				
	9	2	5	6	1					
8	3	4	7	9						
4	3	8	8							
2	9	7								

Expand the matrix to include more numbers. The center of the mirrored lattice is the yellow 1. The line of red numbers is the linear axis (x-axis), descending and ascending from the center number 1. The sequence of blue numbers is the harmonic axis (y-axis). There is left-right symmetry about the blue harmonic axis.

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

Figure 1. Digital map of a portion of the Great Pyramid of Giza, after expansion of the Seal of Solomon number lattice. The yellow 1 being the capstone at the top/center.

7	5	1	2	4	8	7	5	1	2	4	8	7	5	1	2	4	8	7	5	1
5	2	1	5	7	8	4	2	1	5	7	8	4	2	1	5	7	8	4	2	5
1	1	6	6	9	3	3	9	6	6	9	3	3	9	6	6	9	3	3	4	7
2	5	6	1	2	4	8	7	5	1	2	4	8	7	5	1	2	4	3	8	8
4	7	9	2	5	7	8	4	2	1	5	7	8	4	2	1	5	2	9	7	4
8	8	3	4	7	9	3	3	9	6	6	9	3	3	9	6	1	1	6	5	2
7	4	3	8	8	3	4	8	7	5	1	2	4	8	7	9	2	5	6	1	1
5	2	9	7	4	3	8	8	4	2	1	5	7	8	8	3	4	7	9	2	5
1	1	6	5	2	9	7	4	3	9	6	6	9	7	4	3	8	8	3	4	7
2	5	6	1	1	6	5	2	9	7	5	1	6	5	2	9	7	4	3	8	8
4	7	9	2	5	6	1	1	6	5	1	5	6	1	1	6	5	2	9	7	4
8	8	3	4	7	9	2	5	6	1	5	7	9	2	5	6	1	1	6	5	2
7	4	3	8	8	3	4	7	9	6	6	9	3	4	7	9	2	5	6	1	1
5	2	9	7	4	3	8	8	7	5	1	2	4	8	8	3	4	7	9	2	5
1	1	6	5	2	9	7	8	4	2	1	5	7	8	4	3	8	8	3	4	7
2	5	6	1	1	6	9	3	3	9	6	6	9	3	3	9	7	4	3	8	8
4	7	9	2	5	1	2	4	8	7	5	1	2	4	8	7	5	2	9	7	4
8	8	3	4	2	1	5	7	8	4	2	1	5	7	8	4	2	1	6	5	2
7	4	3	3	9	6	6	9	3	3	9	6	6	9	3	3	9	6	6	1	1
5	2	4	8	7	5	1	2	4	8	7	5	1	2	4	8	7	5	1	2	5
1	5	7	8	4	2	1	5	7	8	4	2	1	5	7	8	4	2	1	5	7
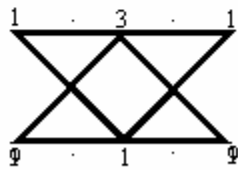
Sacred formula
(Seal of Solomon)

Digital expansion of formula reveals the harmonics of The Great Pyramid.

124875	Doubling circuits
933966	Equipotential major groove
738495162	Harmonic axis
198765432	Linear axis

POLARIZATION: Numbers are polarized. Numbers within diagonals have the same polarity. Numbers within rows and columns have alternating polarity

The harmonic axis (4-8-3-7-2-6-1-5-9)

The "harmonic axis" of the Great Pyramid is the number series 4-8-3-7-2-6-1-5-9. The axis is referred to as "harmonic" because the 4-8-3-7-2-6-1-5-9 series is found within all musical overtone series.

For example, take an overtone series based upon C vibrating at 256 hz as the fundamental tone. Then, convert the hertz values for frequency (e.g., C=256) to single digits (e.g., 4) using mod 9 transformation (e.g., 256 is congruent with 4 mod 9) (Table 1).

Table 1. Sixteen notes in a musical overtone series based on C vibrating as the fundamental tone at 256 hertz (hz).   A repeating, 9-digit number sequence si revealed (4-8-3-7-2-6-1-5-9) when the frequency values for hertz converted to their mod 9 congruent values.

Note	Interval	Solfege	Harmonic	Frequency	mod 9*
1. C	Unison	do (1)	1st partial	256 hz	4
2. C	Octave	do (2)	2nd partial	512 hz	8
3. G	Perfect fifth	sol (1)	2nd partial	768 hz	3
4. C	Octave	do (3)	4th partial	1,024 hz	7
5. E	Major third	mi (1)	5th partial	1,280 hz	2
6. G	Perfect fifth	sol (2)	6th partial	1,536 hz	6
7. B*b*-	Minor seventh	si*b* (1)	7th partial	1,792 hz	1
8. C	Octave	do (4)	8th partial	2,048 hz	5
9. D	Major second	re (1)	9th partial	2,304 hz	9
10. E	Major third	mi (2)	10th partial	2,560 hz	4
11. F#-	Augmented fourth	fa# (1)	11th partial	2,816 hz	8
12. G	Perfect fifth	sol (3)	12th partial	3,072 hz	3
13. A-	Minor sixth	la *b* (1)	13th partial	3,328 hz	7
14. B*b*-	Minor seventh	si*b* (2)	14th partial	3,584 hz	2
15. B	Major seventh	si (1)	15th partial	3,840 hz	6
16. C	Octave	do (5)	16th partial	4,096 hz	1

*the mod 9 equivalent of the numeric value for hertz (frequency) (e.g., 256 hertz = 2+5+6 = 13 = 1+3 = 4).

Mathematically, the harmonic axis of the Great Pyramid map is the multiplication series for the polar number pairs 4 and 5 (Table 2).

Table 2. The mod 9 multiplication series for polar number pairs.

MOD 9 MULTIPLICATION SERIES FOR POLAR NUMBER PAIR 1-8	
1	**8**
151 = 1	851 = 8
152 = 2	852 = 7
153 = 3	853 = 6
154 = 4	854 = 5
155 = 5	855 = 4
156 = 6	856 = 3
157 = 7	857 = 2
158 = 8	858 = 1
159 = 9	859 = 9
MOD 9 MULTIPLICATION SERIES FOR POLAR NUMBER PAIR 2-7	
2	**7**
251 = 2	751 = 7
252 = 4	752 = 5
253 = 6	753 = 3
254 = 8	754 = 1
255 = 1	755 = 8
256 = 3	756 = 6
257 = 5	757 = 4
258 = 7	758 = 2
259 = 9	759 = 9
MOD 9 MULTIPLICATION SERIES FOR POLAR NUMBER PAIR 3-6	
3	**6**
351 = 3	651 = 6
352 = 6	652 = 3
353 = 9	653 = 9
354 = 3	654 = 6
355 = 6	655 = 3
356 = 9	656 = 9
357 = 3	657 = 6
358 = 6	658 = 3
359 = 9	659 = 9
MOD 9 MULTIPLICATION SERIES FOR POLAR NUMBER PAIR 4-5	
4	**5**
451 = 4	551 = 5
452 = 8	552 = 1
453 = 3	553 = 6
454 = 7	554 = 7
455 = 2	555 = 2
456 = 6	556 = 3
457 = 1	557 = 8
458 = 5	558 = 4
459 = 9	559 = 9
MOD 9 MULTIPLICATION SERIES FOR NUMBER 9	
9	
951 = 9	
952 = 9	
953 = 9	
954 = 9	
955 = 9	
956 = 9	
957 = 9	
958 = 9	
959 = 9	

CORRESPONDENCES SURROUNDING THE DISCOVERY OF THE MATHEMATICAL KEY TO THE GREAT PYRAMID

From: Scot Nelson

To: "Marko Rodin"

Subject: Re: Encouragement

Date: Mon, 17 Jan 2000 10:38:38 -1000

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Dear Hi-d and Marko,

Thank you for the kind words.

I have discovered an interesting correspondence between a sacred
mathematical symbol/equation presented in "The Keys of Enoch" (J. J.
Hurtak) and the ABHA Torus.

In the "Keys of Enoch" the formula is presented without much
explanation.  Would you be interested in seeing what I have found,
sometime?

Scot
```

Dear Hi-d and Marko,

I may have cracked the code for the Great Pyramid, and it corresponds
exactly to your work. I discovered this after trying to solve the
sacred formula published by J. J Hurtak in "The Keys of Enoch".

Hi-d and Marko, by viewing the attached files now you have the knowledge
of the Great Pyramid. **Please do not distribute this information unless
something happens to me. I just want you to have it also! **

The attached .jpg files are my solution to the sacred formula published
by Hurtak in "The Keys of Enoch" on page 76. One .jpg file has the
"formula" included as an inset.

In short, there are FOUR Rodin Tori INTERLOCKED (I think) to form the
Great Pyramid. This bears out the truth of Hurtak's sacred formula for
the Great Pyramid (page 76).

The following is a quote from J.J. Hurtak's book, "The Keys of Enoch".
In the book, he presents a "sacred equation". I discovered that the
equation turns out to be a replica of the ABHA Torus.

KEY 108:21 [KEYS OF ENOCH] page 76.

"There exists a sacred formula top be read on different levels to
function as a mathematical key. The formula is expressed as:
                              (show diagram).
      I was told that the Higher Evolution in working with the grid
structure of the Great Pyramid used this formula to coordinate the Great
Pyramid with the other grids of Light. The formula includes the
following mathematical arrangements: 1.3.1, 1.1.1, 9.3.9, 9.1.9 (where 1
and 9 are superimposed upon the same space). This arrangement can be
used to create electromagnetic propagation functions in the midst of the
lattice formation." J. J. Hurtak

Please refer to the attached jpg files.

HURTAK EQUATION SOLVED.

The numbers within the Hurtak equation represent a lattice of stationary
vertices (where vertices are numbers 1-9). The "dots" in the Hurtak
figure represent missing numbers in the lattice. Numbers shaded in RED
in the figure represent the original Hurtak equation numbers in the
original spatial configuration.

9's become 1's in the missing set of three units (see diagram).

1 is at the Center of the 4-plex ABHA toroidal vortex.

The following ABHA torus number sequences are evident on the Hurtak
Sacred Equation Map:

Two doubling circuits   (1-2-4-8-7-5)
Equipotential Major Groove   (9-3-3-9-6-6)
Antithesis Nexus Key   (as in ABHA Torus)
Horizontal (harmonic) Axis   (7-3-8-4-9-5-1-6-2)
Vertical (linear) Axis   (9-8-7-6-5-4-3-2-1)

1. The Horizontal Axis, shaded in blue-grey (7-3-8-4-9-5-1-6-2), splits
the lattice into TWO, mirrored and symmetrical number maps.
2. The Vertical Axis, shaded in gray (9-8-7-6-5-4-3-2-1), splits the
lattice into TWO, mirrored and symmetrical number maps.
3. Thus, there are four, mirrored ABHA quadrants in the Great Pyramid.
4. Each quadrant of the Great Pyramid represents an intersecting section
of a single, ABHA toroidal field, probably.
5. There are four toroidal fields interacting to comprise the completed
pyramid.
6. The main principle expressed here is the "harmonic arrangement of
linear emanations."

Understand that there are FOUR MIRRORED QUADRANTS, with the "NUMBER 1"
(yellow) at the CENTER, the APEX of the pyramid.

Number one (1) is at the top (apex) of the Pyramid.

Scot

From: Scot Nelson

To: "Marko Rodin"

Subject: 999999

Date: Tue, 18 Jan 2000 14:06:55 -1000

Marko and Hi-d,

Please do not tell anyone else about the pyramid work for the time
being!

I'm not willing to release my work piecemeal. It will be done as a
whole as part of the book about the ABHA torus. So, I will send an
email to Sandra and may share the diagram with her but please no more
people for now, Marko. If something happens to me, it is yours to do
as
you please. I will release everything I know very soon.

What do you think about the pyramid work I did, Marko? What is your
general opinion or feeling about it? Have you studied it?

I think I should publish that as soon as I can say that it is perfect
or
without flaw.

The number 1 at the top is unapproachable, Marko. I think that's why
the numbers stop there at "2".

Starting from the top down, are you surprised that 1's become 7's first
(harmonically) and then 3's or that 1's replicate themselves and become
1's again before they begin the linear descent to 9's and below?

I know you saw the ripples of Nines all the way down, the waves of
nines.

Once again, do not tell anyone about this until we are sure it is valid
enough to release and publicize.

Scot

From: Scot Nelson

To: "Marko Rodin"

Subject: Release of Pyramid Code

Date: Tue, 18 Jan 2000 19:10:04 -1000

Dear Marko,

Well, I am now ready to release the Pyramid Code I discovered. I will
have to write a brief article about it to accompany this .jpg file
(Solomon.jpg). (That is coming soon)

Please ERASE the first copy of the map I sent to you. There were minor

ERRORS in it.

This attached file has been checked for errors.

If you wish to distribute SOLOMON.JPG to anyone you may do so with my
blessings. Let's get the information out there. ABHA assist us in the
response that may follow..who knows?

I feel that the number map is perfect and has no flaws.

I want to release this now and if you approve you may use it yourself.
I will start sending it to some friends. You may do the same if you
wish. Perhaps it will attract some favorable attention.

I do wish to retain my copyright rights, however, as I am sure you
understand.

Aloha,

Scot

From: Scot Nelson
To: "Marko Rodin"
Subject: more on formula
Date: Wed, 19 Jan 2000 04:08:11 -1000

[THIS MESSAGE IS A RE-SEND..PREVIOUS MESSAGE BY SAME TITLE HAD A
TYPOGRAPHICAL ERROR]

Marko,

Some evidence that my solution to the Solomon's Seal formula is
correct:

The Seal formula:

1 . 3 . 1

9 . 1 . 9   (where 9's and 1's are superimposed)

If you look at the sacred formula you will see:

1 . 3 . 1

The missing midpoint between 1 and 3 is the number 2.

When "2" is inserted in place of the two "."-symbols the following
number pattern is created.

1 2 3 2 1

Similarly, other midpoints may be obtained:

1 . 9 . 1 yields 1 5 9 5 1   (5 is midpoint between 1 and 9)

9 . 3 . 9 yields 9 6 3 6 9   (6 is midpoint between 3 and 9)

You can very this by looking at the number map (SOLOMON.JPG).

So, using the solution digits, instead of dots ".", the Seal formula
overall yields the simple template solution:

```
1 2 3 2 1
5         5
9    1    9
5         5
1 2 3 2 1
```

A four-way mirror.

Note: The number sequences (1 - 5 - 9..) and (3 - 2 - 1) are both
found
within the ABHA torus number map as part of longer number sequences
(the
horizontal and vertical axes, respectively).

The only question is what are the numbers that surround the number 1
above? That was/is the puzzle.

Given the perfection of this solution (?), I think that the number map
for the pyramid is set up in the only way possible that satisfies
(fits)
the original sacred formula shown by Hurtak.

I suppose its possible, however, that another, or better solution
exists.

Other Notes:

a) Note how the number sequences "descend" from top down along the
axes.

Aloha for now, I will try to call you,

Scot

| 1 | . | 3 | . | 1 |
(Seal of Solomon diagram)
φ | . | 1 | . | φ

Sacred formula

(Seal of Solomon)

Digital expansion of formula reveals the harmonics of The Great Pyramid.

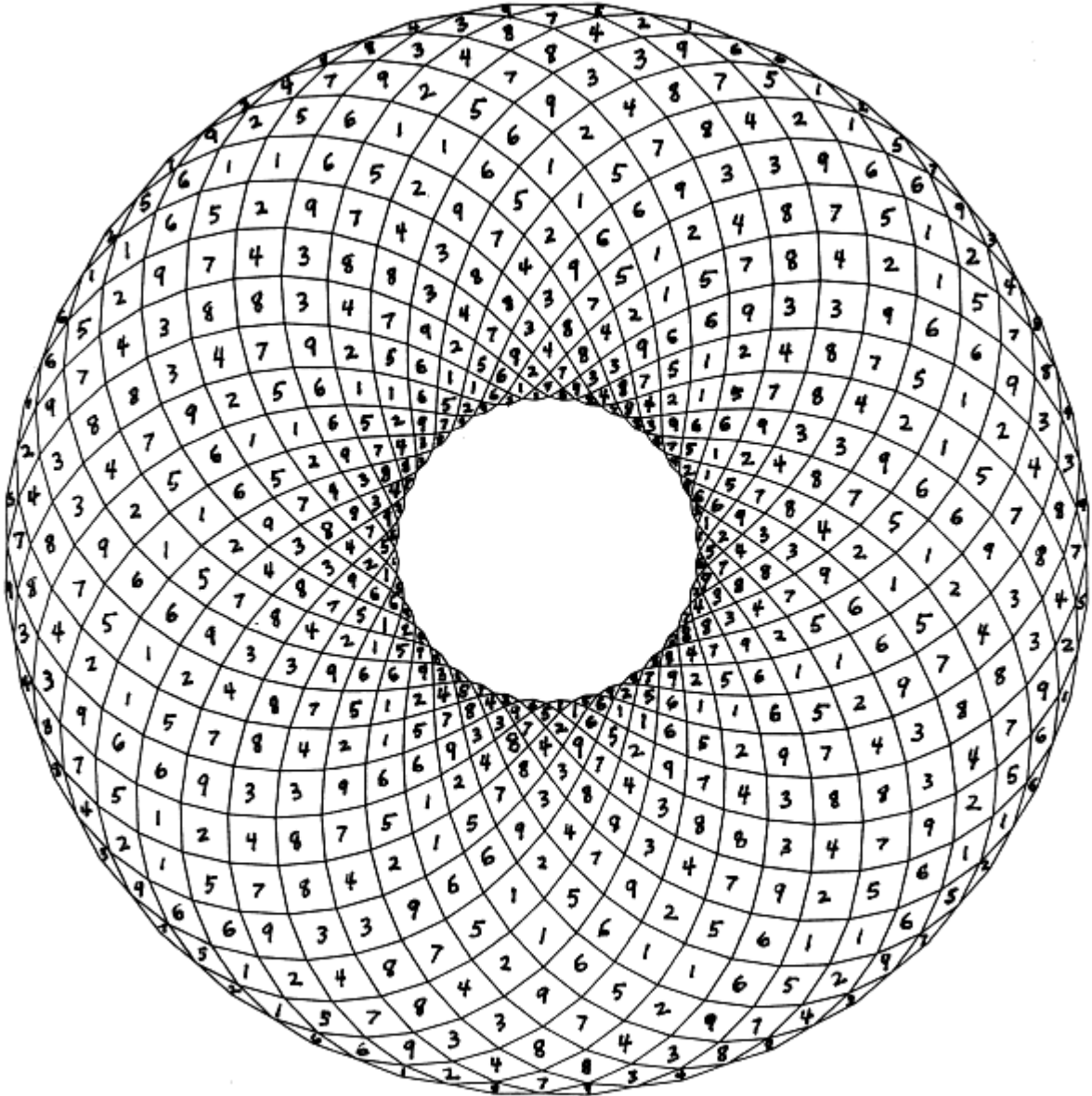| 124875 | Doubling circuits |
933966	Equipotential major groove
738495162	Harmonic axis
198765432	Linear axis

POLARIZATION: Numbers are polarized. Numbers within diagonals have the same polarity. Numbers within rows and columns have alternating polarity

Professor Scot Nelson Lunch Meeting Picture 2003

The Abha Torus Number Map

Right Doubling Circuit Spire Revolutions

The Positive Emmanations are the source of the base ten
counting numbers. The Equipotential Major Groove gap

space 3-9-6-6-9-3.