

# The Quantum Space Time Fractal Harmonic Codex

## Introduction PDF

Tetrahedral [19.5], the Mars [687] sidereal and the Egyptian Pyramids, Harmonic Codex of the Mile [5280] and Solfeggio Frequency [528], Harmonic Codex of the Leedskalnin Numbers, and the Speed of Light.

### Abstract:

This document will present indisputable mathematical evidence utilizing the famous tetrahedral angle [19.5] and the Mars sidereal of [687] days, and identifying that [19.5] from within the Egyptian Pyramids math, from which a simple standard of fractional equations will create the fundamental basics of some of the most important universal constants such as Phi and Pi.

**The Mars sidereal [687] will introduce the Harmonic Codex in this pdf last page.** This process inspired intuitively vectored mathematical investigation of the Leedskalnin mystery numbers [6105195] and [7129], from which a theoretical universal Codex number system in the next pdf has been developed presenting the most unusual evidences.

**This document is an addendum to the recently released Mars Pentad Time Pyramids Part 2.**

### INTRODUCTION:

By using the dimensions of the newly discovered pyramid at Saqqara, reputed to be that of Queen Seshetshet by Zawi Hawass, I found the value of ancient Phi as related to the number [9], which is paramount to both Egyptian and Mayan calendar math. Those dimensions in general were revealed to a pyramid of [14] meters height, and a [22] meter square base.

Thus the prime numerators of this simplified Egyptian Codex using fractional values became [22] and [14], with denominators being a combination of half those values [11] and [7] to produce the ancient values for Phi and Pi.

The Side Angle of the Pyramid was determined to be height [14], divided by the base diagonal to center point of  $\sqrt{242}$  where  $242 = [11 \times 22]$ , which created a [42] degree angle as arctangent of  $[14 / \sqrt{242}] = [0.899954] = [0.9]$ .  $\text{Arctan}[0.899954] = [41.985] = [42]$  degrees for all practical purposes. Obviously this tangent of [42] degrees is [0.9], which encompasses a volume of important planetary timelines and mathematical constructs of calendar, such as the Mayan Dresden Codex [702] / Mars synod [780] = [0.9]. Thus the [9] reveals itself in this case as [9/10], in the Egyptian pyramid math of this Saqqara pyramid.

Using Saqqara dimensions [14] high and [11] being half the base value of [22], one is able to calculate the slope of the Side Face of the Saqqara pyramid as  $[14 / 11] = [1.27272727] = \text{tangent } [51.84\sim] \text{ degrees, and } \arctan \text{ Sqrt}[\text{Phi}] = [51.827]$ .

However the author noticed that when squaring that number  $[1.27272727]$ , one does not get true Phi, but this number  $[1.6198\sim]$  which is obviously  $[1.62]$ , which by virtue of connection with the number Nine as  $[9 \times 18] = [162]$ .

Thus [a]ncient Phi was intended by the Egyptians to be  $[\text{aPhi}] = [1.62]$ , well proven in my Mars Pentad Time Pyramids Part 2 by virtue of this equation: Using the tangent of the Saqqara pyramid **Side Angle as [42] degrees = [0.9]**:

**Tangent [42] degrees = [0.9],**  
**then [0.9] divided by Sqrt. [aPhi] = [0.707106781] EXACT.**  
And that  $[0.707106781]$  is exactly the sine and cosine of **[45] degrees!**

**Ancient Pi** was found in the Saqqara pyramid fractional equivalents as  $[22 / 7]$ .  $[22 / 7] = [3.142857143]$ , times Side Angle tangent **[42] degrees of [0.9] = Sqrt[8]**. This is value for ancient Pi is referred to as the “in the field Pi calculative”, because the actual equation above yields  $[8.0008\sim]$  rather than pure **[8]**. Thus I found the purist of evidence to accommodate the Intent of  $[\text{aPhi}] = 1.62$ , and a value for EXACT calculative ancient Pi. This is an author’s extrapolation only.  $[4] / \text{Sqrt}[\text{aPhi}] = \text{exact ancient Pi as } [3.142696]$ , then times  $[0.9] = \text{Sqrt}[8]$  EXACT. **The Egyptians however only used [22 / 7], as ancient PYRAMID Pi, not sphere Pi.**

So a simple Codex evolves using the numerical constructs of the Saqqara pyramid, and that would be dividing all integers INTO **[22 and 14]**. I will give a few examples other than already noted.  $[22 / 11] = [0.5]$  which is the tangent of **[26.5] degrees**.  $[22 / 5] = [4.4]$ , then times **[120] = Solfeggio [528]** and times **[1200] = [5280] mile**, and  $[1200]$  squared = 10 times the Mayan Baktun.  $[22 / 9] = [2.44444444\sim]$ , **[585] Venus synod x [2.44444\sim]**, then divided by Mars synod **[780] = [1.8333] = [22 / 12]**.

Tzolkin **[260] = [13 x 20]**  
 $[22 / 13] = [1.692307692]$ , then x **[260] Tzolkin = [440] exact. ←---**  
**[440] x modern [Pi / Phi sq.] = Solfeggio [528]**, where **[Pi / Phi sq.] = [1.2]**.  
**[440] x [12] = [5280] mile.**

$[22 / 3] = [7.33333]$ , and Mars **[780] / by Sqrt[7.33333] = Egyptian number [288]**.  
**[585]V / by Sqrt[7.33333] = Egyptian number [216]**, then x  $[20] = [4320] = [12 \times 360]$ .  
Jupiter sidereal **[4333.33333] / by Sqrt[7.33333] = [1600]**. Values are coincident close.

$[22] / \text{by Sqrt}[10] = [x]$ , then  $[x]$  squared =  $[48.4]$ , and  $[484] = [22]$  squared.  
 $[22] / \text{by Sqrt}[11] = [x]$ , then  $[x]$  squared =  $[44]$ , then x 1200 =  $[5280]$ . ←---

The author can supply pages of evidence but to present conclusive evidence dramatic consequence we shall catapult straight to **tetrahedral [19.5]**.

By using **[aPhi]** as **[1.62]** we get **Sqrt. [aPhi] = [1.272792206]**.

Thus,

Arctangent of **Sqrt.[aPhi] = [51.844]** degrees, and **[72]** squared = **[5184]**,

And **[14 / 11] = [1 .27272727] = tangent of [51.842]** degrees.

The modern sqrt.[Phi] inferred as the slope tangent of Great Giza pyramid = **[51.827]**.

The intent of Egyptian pyramid slope is **Sqrt.[aPhi] as [51.84~] degrees**, as **[72]** squared = **[5184]**.

Thus:

**[22] / [19.5] = [x]**, then **[x] squared = [1.272846811] = tangent [51.845]**.

**[22] / [19.5] = [x]**, then **[x] squared twice = [aPhi] = [1.62]**.

**Mars Pentad angles [19 .47122] and [26 .5650]**

**[22] divided by [19 .47122] = [x]**, then **[x] squared [3] times = [2 .65605]**.

The obvious correlation is how extremely close **[26. 5650]** and **[ 2.65605]** are in decimal sequence variation.

In my first Mars Pentad Time Pyramids Part 2 release was found that:

Tangent of **[42] degrees = [0.9]**, then **x [260] Tzolkin = [234]**,

and decimal varying that as **[23.4]** squared twice was extremely close to the Speed of Light in km/sec:

**[23.4] squared twice = [299822]**, fully **[29.4536] km/sec off of {C} [299792.5]**.

The pyramid mile **[6084] / [260] Tzolkin = [234]**.

**OK, with the Speed of Light exact at [299792.5] km/sec,**

**and back to the clue of [22] in the Saqqara pyramid base of [22] meters.**

The Egyptian Codex uses **[22]** and **[68]** degrees, the opposite angle of **[22]** is **[68]**.

**SPEED OF LIGHT:**

Tangent **[68] degrees = [x]**, and then divide **[x]** by Phi or **[1.61803399] = [y]**.

Take **[y]** and square it for **[2.339944766]**.

Square **[2.339944766]** twice = **[29 .97936465]. ←-----!**

**[29 .9793645] x [10,000] = [299793 .645]**

Speed of Light km/sec = **[299792.5]**, the value is off by 1 km/sec from {C}.

Tangent **[22] degrees = [x]**, then times **[aPi = 3.142857143] = [y] = [1.26979671]**.

Take **[y]** and square it TWICE = **[2.59978~] = [2.6]**, correlating the **[260] Tzolkin!**

**To close the introduction PDF the author will offer a few extrapolations of many:**

Pentad Octagon Grid vertical length  $\text{Sqrt}[32] \times \tan[68] = [14]$  Saqqara pyramid height.  
 $\text{Sqrt}[32] \times \tan[68] = [14] = 10 \text{ times the equation } [\text{Phi} \times e] / \{\text{Pi}\}.$

The author feels that the coincident of [14] and [14.00125] was close enough to note.

Mars Pentad Grid  $\text{Sqrt}[2]$  and  $\text{Sqrt}[8]$ :

**Tangent [68] degrees x  $\text{Sqrt}[2] = [3.5]$ , exact at [3 .50030~].**

**Tangent [68] degrees x  $\text{Sqrt}[8] = [7]$ , exact at [7 .00060~]**

Sine[22] degrees x [2.61803399] = tangent of [44.44] degrees and [4/9] = [0.44444].

Cosine[22] degrees x [1.61803399] = [1.5], ...[1 .5002]

Tangent[22] degrees x [687] Mars sidereal = [277.566], then take  $\text{Sqrt} = [16.66]$ ,  
and the Mars Pentad angles of [30 / 18] = [1.66666].

**[68] x [2.61803399] = [178.0~]**, then divided by Egyptian [288] = **inverse Phi.**

**[22 / 3] = [7.33333]**, and **Mars [780] / by  $\text{Sqrt}[7.3333] =$  Egyptian number [288].**

**[288] = [2 x 144]**, and kemi [12960000] / by [288] = 5000

**[22] x [3.61803399] = [x]**, then squared = **[6335.64~]**.

**[6335.64~]** is close enough to **[6336]**, then / by **[5280] mile = [1.2] = Pi / Phi sq.**

**[6335 .64] / by [5280] = [1 .1999~] = [1.2] rounded.**

Saturn [10759] sidereal divided by tangent [22] degrees = [x] = [26629.45946],

Take that [x] and square root it for [163. 1853531], the divide by [100].

Tangent of [1 .631853531] = [58.5000],

degrees correlating the [585] Venus Synod in harmonic numeric cycle.

[72] squared = [5184] and arctangent of  $\text{Sqrt}[a\text{Phi}] = [51.84~]$  degrees.

The double  $\text{Sqrt}$  of [72] = [x], then divided by sine [68] degrees = [Pi]!

Actual value for Pi achieved is [3 .141718~], off by [0 .000125].

**Tangent [72] degrees / by [1.61803399] = [1.90211~] =  $\text{Sqrt}$ . [3.61803399] EXACT.**

And [3.61803399] / by  $\text{sqrt}[5] = [\text{Phi}]$ .

Tangent [72] degrees / by  $\text{Sqrt}[\text{Pi}] =$  just over tangent [60] degrees! or [60 .06] exact.

**Tangent [68] degrees / by  $\text{Sqrt}\{\text{Pi}\} = [x]$ , the [x] squared = [1.95].**

This value of [1.95] correlates the tetrahedral [19.5] angle value. Above, [1 .94998~].

What is exposed here is an elaborate complexity of derivations possible emanating from the simplicities of the original Egyptian fractions of [22 and [14], and the [22] and [68] degree angles and also related to the [72].

All the planetary timelines can be extrapolated using modern Phi and Pi, with the tangents, sines, and cosines of [22] and [68] degrees.

For interesting coincidents, use fractional components of [9],  
 $[5/9] = [0.55555]$ , then divide by  $\tan[22] = [1.375048251] = \text{tangent } [53.97] \text{ degrees}$ .  
 and the coincident tangent of  $[54] \text{ degrees} = [1.37638192]$ .

So a reminder first, the Egyptian Codes of [22] and [14] with [aPhi] and [aPi],  
 and the [22] and [68] degree angles "Codexing",  
 are just a piece of the puzzle of the whole picture of the

**Quantum Space Time Fractal Harmonic Codex** that will be put into theory!

The Mars [687] day sidereal will be the ticket to end the introduction, next page.

And to finish this introduction I will use a **pyramid of height [8/9] = [0.888888~]**,

that corresponds exactly to the dimensions of the newly found Saqqara pyramid

of **Queen Seshetshet**, as according to Zawi Hawass interpretation.

$[8/9] = [0.88888888]$ , then divide by  $\text{tangent } [22] \text{ degrees} = [2.2] \leftarrow \text{----!}$

Numbers such as [1.872], and [18.72] are decimal variations of the Mayan Long Count.

Note length [c] = [0.9-8-7-6-5-4-3-2-1]!

**Saqqara [22 square base 14 high meters] Style [8/9] Pyramid**

[41.9872]

**Mayan Long Count** [1872000] found with EXACT tetrahedral [19.47122] angle [a] =  $\arctan [0.9] = 42$

length [d] = [0.698377067]

angle [b] =  $\arctan \sqrt{a\Phi} = [51.844] \text{degrees}$

length [d] =  $\sqrt{[1.95/4]}$

[72] squared = [5184]

$[8/9] = [0.888888]$

length  $c/360 = 1/364.5$  ancient Phi =  $a\Phi = [1.62]$

angle [a] =  $\arctan [0.9] = 42$

(\*)

$364.5 / 19.47122 = 18.72$

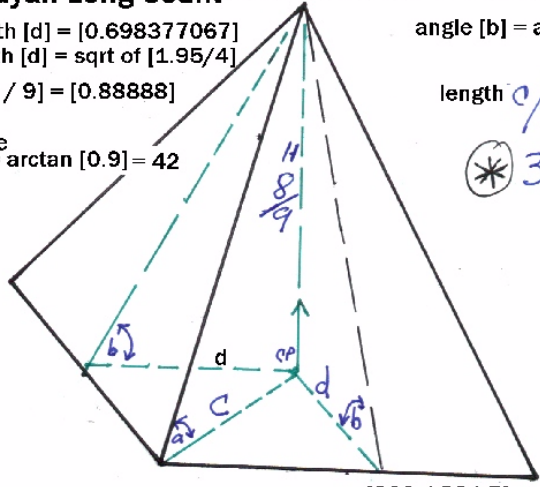
! MLC = (1872000)!

$c = 0.987654321$

= [360 / 364.5]

$c/120 = 1/129$   $c/360 = 1/364.5$

360 Egypt Calendar



$[12/13] = [18/19.5]$

$c = [360 / 364.5]$

$[12/13] = [648 / 702M]$

$d = \sqrt{[1.95/4]}$

$$\text{length } d = \frac{\sqrt{648}}{36.45} = \frac{\sqrt{1.585V}}{1.872}$$

$$\rightarrow = \frac{0.698377}{\text{difference} = (0.000423)} = 0.69842$$

$$\frac{648}{702} = \frac{18}{19.5} = \frac{12}{13}$$

$[6480] / [c] = [6561] = [9 \times 9 \times 9 \times 9] = [81] \text{ squared}$

$12960000 / 648 = 20,000$

12960000 = kemi

$$\frac{648}{364.5} = 1.777$$

$\sqrt{1.7777} \rightarrow \text{tangent SLOPE GIZA 2nd Pyramid} = 1.333$

Tangent Mars Pentad [2 by sqrt(8)] Grid Pyramid 2 units high Side Angle =  $[\sqrt{1.3333}]$

The Saqqara pyramid height = [14], and  $[1.4] = [\Phi \times e]$ , then / by  $\{\Phi\}$

Leedskalnin [6105195] / [1.4] = [x], then take [4] square roots = [2.6]

And that [2.6] correlates the [260] Tzolkin!

## The Quantum Space Time Fractal Harmonic Codex

Is introduced with the Mars sidereal of [687] days,  
and the Earth Lunar Year of [364] = [13] full moons x [28].

Using [364] -----→ [463] is the reverse number.

Using [463] / by [364] = [1.271978022] = tangent [51.826~] degrees.  
Sqrt. of modern Phi = [1.27201965] = tangent [51.827~] degrees.  
Sqrt[aPhi] = Sqrt[1.62] = [1.272792206] = [51.84~]degrees , and [72] sq. = [5184].

To show how Mars and the tetrahedral Mars Pentad are so incredible:

Mars sidereal [687] -----→ [786] is the reverse number.

[687]M / by [786] = [0.874045802] ←---→ = [687]Q

**This will be referred to as [687]Q to alleviate excessive typing.**

[687]Q times [1.61803399] = Square Root [2].

[687]Q x [2.61803399] = [x], then divide by sqrt[8] = [0.809029729] = sin[54] degrees!

[687]Q x [2.61803399] = [x], then divide by Pentad Octagon Sqrt[32] = tangent[22].

Square root [6], then times above [x] value of [2 .288281617] = [y],  
then [y] squared = ten times modern Pi! Very close!

[687]Q times sin or cos [45] degrees = inverse Phi!<---!

[687]Q x [3.61803399] = Square Root [10], and [3.61803399] / sqrt[5] = Phi.

Speed of Light in km/sec = [299792.5], and ancient Phi = [1 .62].  
[687]Q x Speed of Light = [262032] = essentially Mayan [aPhi] squared x [10,000]  
Mayan [aPhi]sq. was determined to be [aPhi +1] = [2.62] = [aPhi] squared.

[687]Q x [186,000] mps= [x],  
then square that [x] value [3] times, and times [4] = [1.95~] x Ten to 42 power.  
Evaluating the last equation: exact value achieved is [1 .95180],  
[687]Q = [0.874045802], and using exact [1.95] x Ten to 42 power,  
in reverse equational process to check factor of error,  
one gets the value [0.87394456], off by [1 / 1000].

Last but not least [687]Q x pyramid mile [6084] = [x] = [5317.694656],  
Then divide [x] by square root[2] = [y],  
now square [y] twice = [2] x ten to 14<sup>th</sup> power !!! Exact at [1.999] x 10 to 14<sup>th</sup> exp.

The Solfeggio frequencies are approached in much more depth in the next pdf.



**Olmec monument [19] La Venta with Omkulkancoatl and the Cosmic Seed Purse.  
Images available on the internet without {C}.  
The Omkulkancoatl Codex uses the Mars Pentad angles [19.5, 26.5, 18, and 30].**