The Mars Pentad Time Pyramids

The Quantum Space Time Fractal Harmonic Codex

Hypercube Square Root Two

Ancient PI

Hypercube Tesseract 261

Egyptian & Mayan Fourth Dimension Cosmology

Ancient Phi

The Mars Pentad Time Pyramids
The Quantum Space Time Fractal Harmonic Codex

Hyper Cube Tesseract [261]

Fourth Dimension Egyptian and Mayan Time Pyramid Cosmology

The Two Hyper Cube and Tesseract Polytopes
Ancient Square Root Two Constants

Ancient Pi

Ancient Phi

Short summary of the Decimal Variation System and numeric sets:

The Mayan [9] Lords of the Underworld in this exercise are bemusedly represented
by the fractional decimals to infinity that the [9] represents in this table:

[1 / 9] = [0.1111111], …… [2 / 9] = [0.22222222], …. [3 / 9] = [0.3333333] and so on.

Thus the author expresses everything in decimal form for this reason:
To reveal dynamic repetitive important coincident numeric sets as comparatives.

[702] / [aPhi] = [433 .33333],
The Jupiter sidereal of [4333. 33333] = [13] x [**333. 333333**],
and the sin of tetrahedral [**19.5**] or exact [19.47122] = [**0.333333333**].
Using the Jupiter value for the sidereal of [4333 .33333] days, the author cannot show comparative
cycling of numbers with unique decimal form of repetition,
by saying that the Jupiter sidereal is [4333 and 1/3] days, because typed numeric text reveals
the repetitive numeric sets by expressing the decimal in full as such:

The Mayan Dresden Codex **[702] / [360]** Egyptian / Sumerian calendar = [**1.95**],
and this is a decimal variant of the set [**195**],
of which also is the tetrahedral angle of [**19.5**] degrees.

To incorporate important numbers in this process I offer in the [9] with the [19.5], and the [260] Tzolkin:

[19.5] / [9] = [**2.1666666**] = [26 / 12]. The [26] thus correlates to the [260] Tzolkin.
And [20] x [**216.666666**] = [4333 .33333] Jupiter sidereal. Note: [Sqrt3 / 4] = [0.433].

The decimal variation process follows into the square roots as well.
I will show this with Mayan Tzolkin [260] and then apply that to the Leedskalnin number [6105195].

Tzolkin [260] squared = [67600],
and the [**2.6**] is the square root of [**6.76**].
Now take Coral Castle **Ed Leedskalnin's** famous number from his pair that are famous:
[7129] and [6105195].
Using the [6105195], and the Mars Pentad research **[1.4] = [Phi x e], then divided by [Pi],**

[6105195] / by [1.4] = [4360853 .571], now square root that number THREE times.

[4360853 .571] square rooted thrice = **[6.76]** on the money,
and square root [**6.76**] = [**2.6**], correlating the Mayan [**260**] Tzolkin.

And don't forget the dimensions of the Queen's newly discovered pyramid!
The height of aforementioned Saqqara pyramid in meters is **[14] = {10phi} x [e], then divided by [Pi]!**

Mars Pentad Mounds Grid Tetrahedral Calendar Count Values

TABLE I: **The Planetary Sidereal and Synods in the [13] Cosmic Calendar**

Me = Mercury, V = Venus, E = Earth, M= Mars, J = Jupiter, S = Saturn

[13] x [20] = [260] Tzolkin, then x [3] = [780] Mars synod = 20 x [39], and 40 x [19.5].

Mars synod to Earth = [780], and the Venus synod to Earth = [585]

The Mars synod of [780] days thus aligns with Venus in a [13] Cosmic Calendar.
[780] M= [12] x [65] and [13] x [60], and [780] / [9] = [86 .6666] or [2] x [43 .3333]
[585] V = [9] x [65] and [13] x [45]
And [13] x [9] = [117] Me synod then x [5], = [585] V synod.
Venus sidereal is [225]V = [9 x 25], and [13 x Sqrt3] x [10] as an approximation**.**
The resultant Jupiter sidereal thus = [13] x [333 .333333] = [4333 .33333]

Dresden Codex [702] M = [9 x 78], = [13 x 54], = [19.5 x 36], = [26 x 27], = [12 x 58.5]
Dresden Codex [702] M / [780] M = [0.9] = arctangent of the side angle of Saqqara Pyramid.

From this one can now easily see how planetary timeline counts align and progress in a cycle.
Mars sidereal is [687] in standard western astronomy,
and my count is **[689] = [13] x [53].**
This was calculated by virtue of the [**53**] being equal to [**2**] x [**26.5**] Mars Pentad angle,
and [**53**] essentially equaling **[19.5] x [e**].

It should be noted that BOTH counts 687 and 689 work just fine.
Often one works better than the other.
But by virtue of alignment numerically, the Mars [689]
coincides directly with the Dresden Codex [702] when using the Earth [364] as a count vehicle:

Earth [**52**] x [7] = [**364**] = [**28**] x [13], and Mars [**53**] x [13] = [**689**],
Thus [**52 / 53**] = [0.981132075], which equals exactly Mars [**689**] / by [**702.25**] = [0.981132075]
Where [**26.5**] squared = exactly ----------→[702.25].

Now herein lies the magic as well using standard Mars [**687**],
which also shows a nominal difference between [364] and [365.24] day Earth years.
[687 / 365.24] = arctangent of exactly [**62.00**] degrees, with opposite [**28.00**] degree angle.
The obvious coincident is that perfect [**28.00**] degree angle x [**13**] = [**364**].

Jupiter sidereal is [13] x [333 .33333] = [**4333 .33333**] = [19.5] x [222. 22222] a multiple of [2 / 9].
Jupiter sidereal [**4333 .33333**] / [9] = [481. 481481] which is a direct decimal variant of [260 / 540],
with [260] as the Tzolkin and [540] being the total degrees in the pentagon.

Saturn uses Pi as a calculative constant with all the Pentad planetary mathematics.
Saturn sidereal [10759] / [13] = [827.6153846], then x [Pi] = [2600] or ten times the Tzolkin [260]!

Note: The Saturn synod of [**378**] = [1.05] x [360] and is the Aztec calendar function number.
Saturn synod =AZTEC calendar [**378**] = ancient Egyptian Phi squared or [2.6244] x [**144**].
In Mayan glyphs for Mars is found an astronomical count for **[819].**
This count of **[819] = [21] x [39]**, in relation to the Mars synod of **[780] = [20] x [39]**.
It is this authors speculation that the [**819**] is a count value ascribed to the Mars synod with Jupiter.
Thus the known Mars synod of [**816.5**] days may be a calibration to **[819] = [13] x [63] and [9] x [91]**.

The Mars Pentad length of Sqrt.[6] / [3] = [0.66666] = [0.**8165**],
Thus the Mars synod of [**816.5**] is a decimal variation of the Mars Pentad Sqrt [0.66666] = [0.**8165**].

Now notice on the **[819] = [91] x [9]**, in relation to a Pentad "tetrahedral" style Earth sidereal.
Coincident with Earth would be the [**91**].
Earth can be defined as the **Earth "Lunar Year" of the [13] full moons**,
and the [7] day x [4] week = [**28**] day month, and [7] x [**52**] weeks of a lunar calendar, thus:

Earth = [**13**] x [**28**] = [**364**] = [4] x **[91], AND** importantly also **[14] x [26] = [364]**!
Obviously the [26] and [52] in the equations correlates the [260] Tzolkin.
The above usage of multiples of [7] may be why ancient stele and seals infer to Earth as the 7 dots.

This is important with the [**14 x 26**] = [**364**] because as mentioned earlier **[14] = {10phi} x [e], then / Pi**.

NOTE: I n a decimal variation beauty Mars Pentad Angle [**26.5**] is in synchronicity as such:
Sqrt. [**265**,000] = Earth Lunar Year [**364**] times Square Root [**2**].
AND! Sqrt [**26,5**00] times Sqrt[5] = Earth Lunar Year [**364],**
[**26,5**00] / [364] = Sqrt[**5300**], aligning as [53] x [13] = [689] Mars sidereal in the [13] Calendar.

NOTE: Mars Pentad angle [26.5] calibrated as Sqrt [26.5] x [aPi] = modern Phi x [10].
As such: Sqrt. [26.5] x [aPi =3.142857143= 22/7] = [16 .17885] and 10Phi = [16 .1803399]

One must READ:

Dr. Horace Crater's Mars Pentad study
Mounds of Cydonia, Case Study for Planetary SETI
http://www.scribd.com/word/download/91742?extension=doc

NOTE:
Numbers as such: **[0 .83333~] or [4333 .3333~]**, with [~]are meant that the decimal goes to infinity,
or in numbers that have irrelevant decimal endings after a certain point such as true Pi = [3. 141562654~].
Ancient Pi has a repeating decimal sequence [3.14 **285714 285714 285714**~].
NOTE:
When using a calculator following the math you MUST use the full extent
of the replicating decimals: [0. 8333~] is wrong, [0 .8333333333333~] is how you operate!

Mayan Dresden Codex [702]:
Highly suggested reference links to aid the reader in this document: The Dresden Codex Mars [702]:
http://www.sciencenews.org/articles/20010310/mathtrek.asp
http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=29390

Important Preface:

If you are attempting to read this document without reading the accompanying material recently released before this, then you must go and familiarize yourself briefly with some of the previous material.

You must review the prior two pages to this page.
Most highly recommended is the Ancient Pi and Solfeggio Frequencies pdf.
Understandably, if you do not have patience for the enormous volume of analysis released since November 2008,
you will have to read the first 10 pages or so of:
The Mars Pentad Pyramids **Part Two** - Egyptian and Mayan cosmologies.
The first Quantum Space Time Fractal Harmonic Codex intro pdf
is short and sweet at the finish.
You will have to read the first 5 pages or so of:
the second Quantum Space Time Fractal Harmonic Codex
I recommend a brief look into the two Pentagonal Pyramid pdf's.
Most highly recommended is the Ancient Pi and Solfeggio Frequencies pdf.

The Mars Pentad Time Pyramids Part One
originally released in February 2008 is 175 pages long, and it has a series of original geometry drawings to include spectacular pyramid geometries evolved from the Mars Pentad landforms tetrahedral grid using planetary time lines in a tetrahedral based calendar system.
The Pentad Tiles are a creation of fantastic applications in tetrahedral originated geometric art.

INTRODUCTION:

This document is part of a series of recent releases in pdf form of a progressional study that catalyzed itself in a one and a half month period of intensity.
The Hypercube Tesseract aspect of this pdf was envisioned on Xmas eve,
and finished in 5 days of discovery while I typed and calculated.
So in that aspect it was a fantastic journey for my own inner questions on all the sacred geometry planetary timelines, and the cultural cosmologies of the ancient civilizations.

One of the conflicts with the Mars Pentad mounds tetrahedral grid planetary timeline "calendar" is that the planetary values are a hair different than standard astronomical planetary sidereal and synods.
Calendars are "count vehicles".
We have **[13]** full moons per year, and **[4] x Seven** day weeks = **[28]**, then **x [13] = [364]**.
The Gregorian calendar is a hodge podge and mess of months with 28, 30 and 31 days.
The ancient Mayan Haab civil calendar, and the Sumerian and Egyptian calendars were [360] based, as [12 x 30] = [360]. The Mayans also had a spiritual calendar called
The Tzolkin [260] = [13] x [20],
and thus the Mayan Long Count**[1872000] = [13]** baktuns = **[13] x [144,000].**

The Mars **Pentad** tetrahedral based Calendar system,
Is:
An Astronomical Planetary Timeline Count Vehicle

Just as the Tzolkin **[260]** is a function of the value [13],
The Mars Pentad Time Pyramids reflect the tetrahedral astronomical calendar count
by unifying the first six planets under a **[13]** Cosmic Calendar,
and cohesively with the number [**9**].

Thus the key differences in the Mars Pentad calendar and modern astronomy are:
Pentad tetrahedral Mercury synod = **[117] = [9] x [13]**
Pentad tetrahedral Venus synod = **[585] = [9 x 65] and [13 x 45],**
and **[117]** Mercury synod x **[5] = [585]**

Modern astronomy Mercury synod = [116]
Modern astronomy Venus synod = [584]

Mars sidereal **[687]** becomes **[689] = [13] x [53],**
where [53] = [2] x [26 .5] Mars Pentad angle, and [19 .5] x [e] = [53].

Which is correct? BOTH can be used, but **[689]** is the ancient Mars timeline
for the sidereal. The correct value is standard **[687]**.
[689] is a **[13]** based calendar count vehicle.
NOTE:
Highly Important Ancient Egyptian count number **[1296] = [24] x [54],**
And:
[1296] / by [689] Mars sidereal = [1 .880986938] = [x],
then:[x] times earth Year [365 .24] = [687]!
That is why both numbers work, but the true exact value is **[687].**

Jupiter sidereal is **[4333 .33333~] = [13] x [333 .33333~]**
Correlating the [0 .333333~] sine of tetrahedral [19 .47122061~].

Modern astronomy has Jupiter sidereal at [4332] days.

Note that the best a **[360]** system can account for Jupiter is [12] x 360] = **[4320],**
With **[4320]** and obvious Egyptian number of **[9 x 480] and [54 x 80].**

All the planetary synods and sidereal are AVERAGES over long periods of time.
The Mercury synod varies wildly, and the Venus synod is correct at [**584**].

The Mars [780] synod is correct in both astronomical count,
and tetrahedral Pentad calendar count.

Mars [780] = [3] times Tzolkin [260], and [13] x [60]
and [40] x [19 .5] the tetrahedral angle, and [26] x [30], and [12] x [65].

The Egyptian calendar number system is basically a function of **[54] = [9 x 6],**
and [9] x [42] = [378] Saturn synod = [54] x [7]. {see prior pdf documents}
By virtue of being exclusively tied to the number **[54],**
The Egyptian system has a predominance of a pentagonal based count system.
Sine of **[54] degrees is [Phi / 2],** and there are **[540]** degrees in a pentagon.

The Mars Pentad tetrahedral and Mayan Long Count systems both use the **[13]**
a propelling basis of count vehicle.
All the calendar systems come together at very specific nodal number values.
Here is a compelling extrapolation:
Mars Pentad Grid Length **Sqrt. [6] divided by [3] = Sqrt. [0 .666666~].**
The value **Sqrt of [0 .66666~] = [0 .8165].**
The Mars and Jupiter synod=**[816 .5]** days, note the decimal variation of identical value.
And:
Sqrt [0 .66666~] times [2] = Sqrt. of [2 .6666666~],
thus the value [2 .666666~],
in the Decimal Variation system is our count vehicle:

Egyptian Kemi value [1296000] = [3600] squared.
Egyptian Kemi value [1296000] / by [26666 .66666~] = [486] = [9 x 54]
Using the above end value **[486]:**
Mayan Long Count [1872000] / by [486] = [x].
Then [x] / by tetrahedral Jupiter sidereal [4333 .3333333~] = [0 .888888~] =]8 / 9]!
And:
Mayan Long Count [1872000] / by [2666 .666666~] = [702] Mayan Dresden Codex.

The purpose of this review is to move forward into the Tesseract Polytope system
which has the evolved Tesseract polytope values predominated by Egyptian cosmological
mathematics, but it also is interwoven into the tetrahedral mathematics just as strongly.

A diagram will be offered with the Tesseract, and higher polytope values graphed.

The planetary timelines of the first six planets is completely woven into the Tesseract
and higher polytope values both in "pentagonal calendar" Egyptian cosmology,
and in Mars Pentad style tetrahedral style astronomical system,
and the Mayan Long Count.

TWO values for Ancient Pi are drawn from the pyramid geometries studied by using
planetary timeline and astronomical count numbers as the constructs of the pyramids,
that have been drawn in all the recent documents since November.
These T**wo Ancient Square Root Two values** are utilized and intricately work within
the **Tesseract evolved Fourth Dimensional Polytopes,**
and these **Two** mathematical constants discovered for **"Ancient" Square Root Two,**
may actually be key fundamental parts of true 4D universal geometries.

The important constant of **Ancient Pi = [22 / 7] = [3 .142857 142857~],**
creates the "Chronos" system using the Saturn **[378]** synod,
with the replicating or "codexed"decimal sequence **[142857 142857 142857],**
and the inverse of **[0 .142857 142857 142857~] = [7]** Exact.

One MUST read the Ancient Pi and Solfeggio Frequencies pdf.

This constant of [a]ncient Pi = [aPi], is the key to the Egyptian pyramid system,
This constant is **pyramid Pi**, NOT sphere Pi,
and it is also Hypercube Fourth Dimensional Pi.

Ancient Phi is revealed and defined in all the previous documents as **[aPhi] = [1 .62]**,
or it is also **[9 x 18] = [162]** without decimal,
and the author's Khufu Constant:
unifies the **ancient Phi** with the **tetrahedral [19 .5]** as such:

[195] / by [162] = [I .203 703 703 703~] = [KhC], {see Ancient Pi pdf }.

So to start, the actual best way to prove any possibilities to modern western astronomical scientists and thus also the current geometricians,
is to use the standard values set forth by modern western astronomy for:
the **Mercury [116] day** synod**,**
and the **[584] Venus** day synod as a key to unlock into the **Tesseract,**
so as to accommodate the modern astronomy and geometry scrutinies,
and then take a **distinct discovery** using the standard **Mercury [116]** synod,
and the standard **Venus [584]** synod,
and use that discovery to propel both the Egyptian and Mayan Long Count cosmologies,
and the Mars Pentad tetrahedral astronomical count vehicle,
through the entire Tesseract evolved polytope system of geometry number values.

I have limited to my best ability, to concise this all down to a palatable and readable document that one can follow with a hand computer.
I could have inserted another 100 pages of documentable equations to support all the evidences presented.

The Mars Pentad Time Pyramids Quantum Space Time Fractal Harmonic Codex

Hyper Cube Tesseract [261] Polytope and Fourth Dimension Mayan and Egyptian Cosmology

Hypercube Ancient Pi and Hypercube Ancient Square Root Two

Therefore using the established modern western astronomical calculated synods of Mercury at **[116]** days, and Venus at **[584]** days,
one takes the **[261]** value known as the Tesseract nets, and you operate this function:

Tesseract [261] x [116] Mercury synod = [30276],
Then divide **[30276]** by the **[584]** Venus synod,
[30276] / by [584] V = [51 .84246575] = the slope of the Great Giza Pyramid!

The newly discovered **Saqqara Pyramid** slope is [**51 .84277341**], by dimensions of a 22 square meter base and 14 meter height, and arctangent [**1 .2727272727~**].
The Great Giza pyramid also has the same slope, as shown in earlier pdf.s.
Using ancient Phi as the astronomical count vehicle value where **[aPhi] = [1 .62]**,
then arctangent **Sqrt [1 .62]** would give a slope of [51 .84419346] degrees.
So comparing directly the two values from the **[261] Tesseract** and the Saqqara pyramid:
[**51 .84277341] Saqqara and Great Giza Pyramids,**
[51 .84246575] Tesseract [261] extrapolation,
there is a differential of [0 .0003] degrees.

To my way of looking at coincidence studies this is a home run.
It can only mean that the layout of at least Venus and Mercury orbits have a hypercubic mathematical relationship with Earth, and as such so do the rest of the planets flowing as a prime Quantum Space Time Harmonic right into fourth dimensional geometries.
This should have impact on the meaning of designer solar system,
either designed as a fractal process of maturing solar systems by God,
or by an alien race far beyond industrial technologies that may have a complete galaxy to seed with solar systems in specific planetary orbital arrangements to accomplish many of whatever goals they have in mind, to include travel to those systems.
So does the aspect of the tetrahedral calendar, the tetrahedral astronomical count vehicle becomes faulty with Mercury synod at **[117]** days,
and the Venus synod at **[585]** days, and thus wrong?
Not at all, watch what happens here:
Tesseract [261] x [585] Venus synod **= [152685],**
Then take that **[152685]** and divide it by the Mars Jupiter synod of **[816 .5]** days,
[152685] / by [816 .5] = [186 .999~], and I think we all can agree that value is **[187].**
Now look at my formula: **[Pi x Phi], then divided by [e] = [1 .87]**, then x 100 = **[187].**
[e] = [2 .71828], and Phi = [1 .61803399], and Pi is on your calculator.
Other tetrahedral Mars Pentad calendar numbers will create unique connections as well.

[261] x [4333 .33333~] Jupiter sidereal = **[1131000] = [x],**
then **[x] / by [780]** Mars synod = **[1450]**, and [1450] is **half** of **[2900],**
just as if you would take Tesseract **[261]** and divide by **[9]** = **[29. 00].**

Now: [261] x [780] Mars synod = [**203580],**
then [**203580] / by [585]** Venus synod = **[348],**
and **[348] / by** Tesseract **[261] = [1 .33333~]**, and that number is in the heart of the tetrahedral Mars Pentad astronomical count vehicle or calendar,
with **[1 .3333333~]** as the slope of the 2nd Giza pyramid,
and then Sqrt **[1 .3333333~]** being the tangent of the Side Angle of the Pyramid of the Mars Pentad grid [2 by Sqrt 8] pyramid base,
with 2 units high, created by the triangle [2 by Sqrt 3] with hypotenuse Sqrt[7].

Not to belabor that process and moving along, I took my **Khufu Constant = [KhC],** which is **[195 / by 162]**, by virtue of the numeric relationships with **ancient Phi = [1 .62],** and tetrahedral **[19 .5]** defined in earlier pdf.s,
with Saqqara base **[22] / by [19 .5] = [x], and then [x] squared twice = [1 .62] = [aPhi],** and thus Sqrt [aPhi] will achieve the slope of Great Giza Pyramid.
So**: [KhC] = [195 / 162] = [1 .203 703 703 ~],**
Thus:
[KhC] x Tesseract [261] = [314 .166666~] = 100 times modern [Pi]!
So to compare:
[3 .1416666~] and modern Pi differentiate by [0 .000074] or [74 / 100,000].

Now watch how the **[261]** works with the Mayan Long Count or MLC.
This is quite unusual because MLC [1872000] is a tetrahedral count vehicle by virtue of these below relationships with Mars Pentad style Venus and Mercury synods.
[1872000] / by [585] Venus synod = **[3200]** exact. This will not work with true [584].
[1872000] / by [117] Mercury synod = **[16000]** exact, nice clean number counts.
[1872000] / by [260] Tzolkin = [7200],
and:
[585] Venus synod / by **[260]** Tzolkin = [**2 .25**], as the Venus sidereal is [**225**] days.
Note the **[2 .25]** just one line above!
That [**2 .25**] = **Tesseract [261] /** by Western astronomical Mercury synod **[116].**
Thus:
The astronomical count systems that differentiate tetrahedral [**585**] to Venus [**584**], and Mercury synod [**117**] to [**116**],
with [**116**] as the actual western astronomical count average for that synod,
become aligned with the **MLC [1872000]** by virtue of the **Tesseract** [**261**]!
As such:
MLC [1872000] / by Tesseract [261] = [x],
Then [**x**] times the **[116]** Mercury synod = [**832000**],…..[832] / by [780]M = [16 / 15].
THEN: [832000] / by [260] Tzolkin = [3200],
and MLC [1872000] divided by tetrahedral style [585] Venus synod = [3200]!

MLC [1872000] / by Tesseract [261] = [x],
Then [**x**] times the **[116]** Mercury synod = [**832000**], then using the [832,000]:
[**832000] / by [4333 .33333~]** tetrahedral Jupiter sidereal = **[192]! = [8 x 24].**
MLC [1872000] / by [192] = [9750], then times [2] = tetrahedral style [1950].
Kemi [12960000] / by [192] = [67500] = [540] pentagonal degrees x [125].

MLC [1872000] / by Tesseract [261] = [x],
Then [x] times [584] astronomical Venus synod = [**4188689**].
Now using the constant 4/3[Pi] x [1, 000, 000] = [**4188794**],
And [4188689] / by [4188794] gives a factor of error of [0 .000024~].

MLC [1872000] / by Tesseract [261] = [x],
Then [x] times Earth count [**365**] = [**2,617,931**] or that is extremely close as [**2618000**] as a "coincident" of extrapolative consequence to value of Phi squared = [**2 .618033**~], since [2618000] = essentially Phi x [100,000],
so to compare exact values:
[2618033 .99] / by [2617931] = [1 .000039~] or a [0 .000039] error factor.

Note as well that in the **Harmonic Codex** system one should always recognize numbers that are uniquely identical to other important numbers, but just have the integers arranged in a different pattern: Mayan Long Count **[1872000]** has the base number [**1872**].
[**1872**] is to Pascal's triangle [**1287**],
and Tesseract **[261] x [11]= [2871],←------target value to extrapolate.**
and thus using [7] x [261] = [1827].

NOTE: The above [11 and 7], in the original Saqqara formulas **[11 / 7] = [aPi / 2],**
[7] is obviously extremely important here,
because the inverse of **[7] = [0 .142857 142857 142857~] = The Chronos constant**,
when [0 .142857 142857 142857~] times [**378**] Saturn synod = [**54**] exact.

A progression of equations follows using the [**11**] from the [**11 / 7**] = [aPi] formula:

Decimal variation of Pentagonal [54]-----→[540]-----→[**5400**]←-----Note value,

Note: Saqqara Pyramid slope determined by lengths [14 / **11**] = [1 .272727~],

So now look at this aforementioned particular value of [11] x [261] = [2871]←-----.

[2871] x [687] Mars sidereal = [1972377],
and then [1972377],
divided by the above noted decimal variant of pentagonal **[540] as [5400] = [365 .255],**
= ----------→[365 .255]←----------
and the exact Earth Year of [365 .24] is off by [0.015] days or that is 22 minutes.

Now take that **Tesseract [261] x Saqqara** Pyramid base length **[22] = [2 x 11],**
Tesseract [261] x [22] = [5742],
Then,
[5742] x [687] Mars sidereal **= [3944754],**
and [3944754] / by above Earth value [365 .255] = [10800], which correlates as:
the Five [108] degree pentagon angles, and the [108] Mayan dimensions.

Thus a value of Earth Year as [365 .255] days becomes a constant below:

From those above calculations,
the Harmonic Code sequence patterning is demonstrated:
1. [11] x Tessaract [261] = [2871],
2. [687] Mars sidereal x [2871] = [1972377],
3. and then [1972377] = [x],
[x] divided by Earth year value **[365 .255] = [5400],**
USE THE ABOVE 3 Step Process to calculate the below table!
Therefore the following show the progression of the **Tesseract [261] number,**
with multiples of **11 and 22,** which are the base values pertinent
to the newly discovered Saqqara pyramid of dimensions **[22]m. square base, [14] high.,**
and the starting value will only show the finishing value in above 3 step process:

1. **[22] x Tesseract [261] = [2871], ----------→ [10800]**
2. **[33] x Tesseract [261] = [8613], ----------→ [16200] or 1000 times [aPhi]!**
3. **[44] x Tesseract [261] = [11484], ----------→ [21600]**
4. **[55] x Tesseract [261] = [14355], ----------→[27000]**
5. **[66] x Tesseract [261] = [17226], ----------→[32400] = [180] squared**
6. **[77] x Tesseract [261] = [20097], ----------→ [37800] = 100 x Saturn synod**
7. **[88] x Tesseract [261] = [22968], ----------→ [43200] = [12] x [3600]**
8. **[99] x Tesseract [261] = [25839], ----------→ [48600] = [9] x [5400]**

Now to move ahead in the progression, just as 9 x 11 = [99],
Then 12 x11 = [132]:

12. **[132] x Tesseract [261] = [34452], ----------→ [64800] = [54 x 1200]**
13. **[143] x Tesseract [261] = [37223], ----------→ [70200],**

And of course [70200] = 100 times Mayan Dresden Codex [702].

[70200] / by [64800] = [1 .083333~] the Mars Pentad [19.5 / 18] degree angles,
from the Omkulkancoatl Codex in the very first Mars pentad document.

The Harmonic Code in this extrapolation,
also flows through central column of then above tabled values:
[33] x Tesseract [261] = [8613], ----------→ [16200] or 1000 times [aPhi]!
[44] x Tesseract [261] = [11484], ----------→ [21600],
Thus:
[11484] / by [8613] = [1 .33333~], the tangent of the slope of second Giza pyramid.
Or simply:
[44] / by [33] = [1 .33333], or [77] / [66] = [1 .166666~] = [7/6].

One can clearly see the important Egyptian numbers arise in order,
in conjunction with the Saturn synod [378], the ancient Phi Calendar Count [1 .62],
and the Mayan Dresden Codex [702].

Seeing the multiples of [11], times Tesseract [261] = [2871] operate so beautifully,
I realized that [261] x [7] = [1827] follows suit INTENSELY, See next pdf.

And the last 3 in the progression are: [14] x [11] = [154], and [15] x [11] = [165],
Remembering that [**14**] = [**10phi x e**], then divided by [**Pi**],
And [**14**] is the height in meters of the Saqqara pyramid studied.

14. **[154]** x Tesseract [261] = [40194], ----------→ [**75600**] = 200 x [**378**] Saturn synod, and the base of the Great Giza pyramid is **756** feet.

15. **[165]** x Tesseract [261] = [43065], ---------→ [**81000**] = 90 x 900

16. **[176]** x Tesseract [261] = [45936], ----------→[**86,400**], then times ten = sun diameter.

The progressions continue as such, and of note is that **[17] x [11] = [187]**,
And as earlier shown,
[100Phi x Pi] , then divided by [e] also = [**187**].

One cannot leave [22] times [11] = [242] here,
So I will follow through the ENTIRE process for readers if they are confused with The above tables as set forth:

1. [22] x [11] = [242]
2. [242] x Tesseract [**261**] = [63162],
3. [63162] times Mars sidereal [**687**] = [43392294]
4. [43392294] / by Earth Year value [365 .255] = [**118800**].

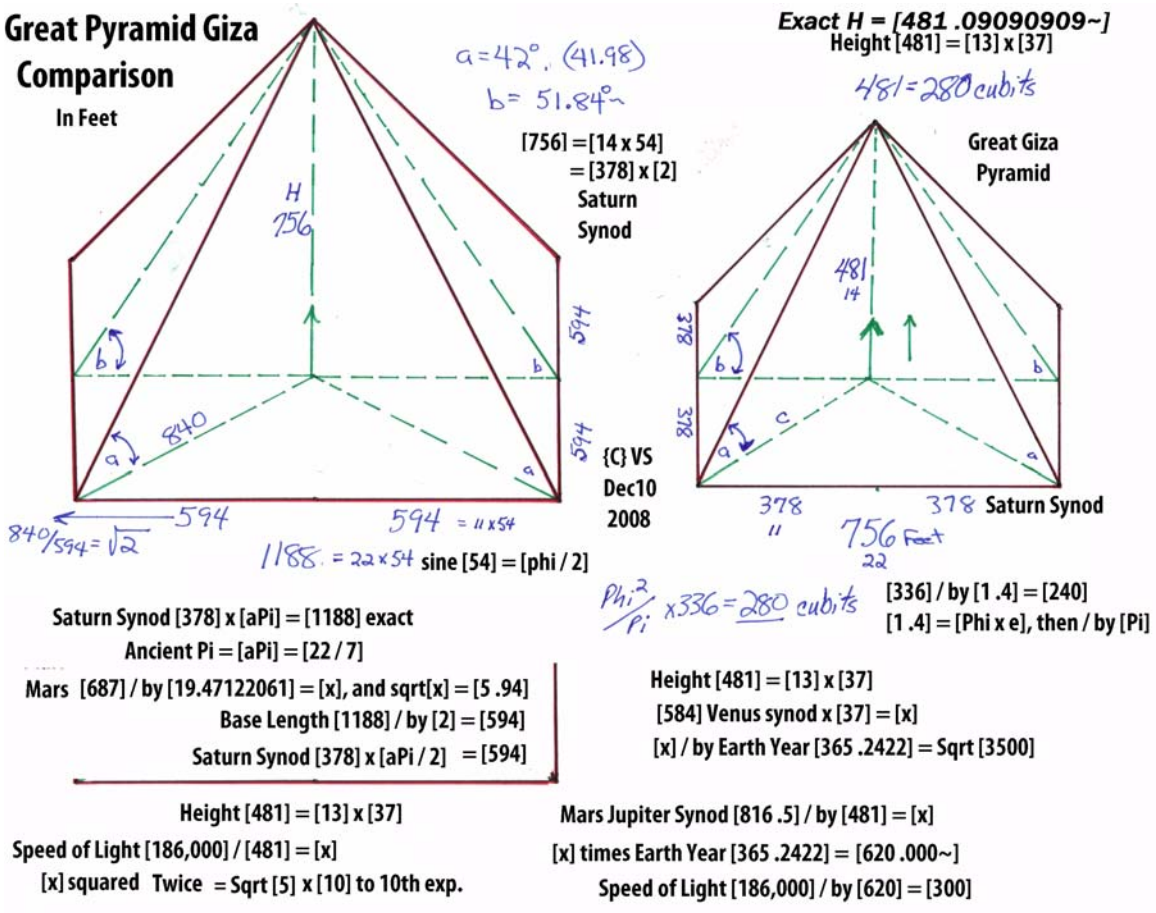
And with [**118800**], we are in the heart of the **ancient Pi = [22 / 7]:**
Ancient Pi times Saturn synod [378] = [1188] exact.
Thus ancient Pi is also the progenitor mathematical system,
known as the Chronos constant = [142857], as the replicating decimal
on the end of ancient Pi = [3 .142857 142857 142857~], with:
[118800] / by Saturn synod [378] = [314 .285714 285714 285714~] = 100[aPi]

Moving on to new stages of **Tesseract [261],**
Since **[261] / by [9]= [29],**
Any multiple of fractionalized **9 as [1/9, 2/9, 3/9…] x [261**] will be a multiple of **[29].**

Or multiples of [**9**] such as [**40 /9] = [4 .444444~],**
Then **[4 .4444444~] x [261] = [1160],**
And **[1160]** is ten times the western astronomical value for the Mercury synod [**116**],
And Mercury synod **[116] / by [4] = [29].**

The Great Giza Pyramid has an accepted projected height of **[280]** cubits].
Mercury synod **[116] / by [280**] = [0 .4 142857 142857 142857~],
And thus with the replicating decimal, that value is in the Chronos constant system.
Then [**0 .4 142857 142857 142857**~] times **[7]** = **[2.9],**
directly correlating that [**2.9**] with Tesseract **[261] / by [9]** = [**29**],
as a representation of the Harmonic cycling of important numbers in the Codex.

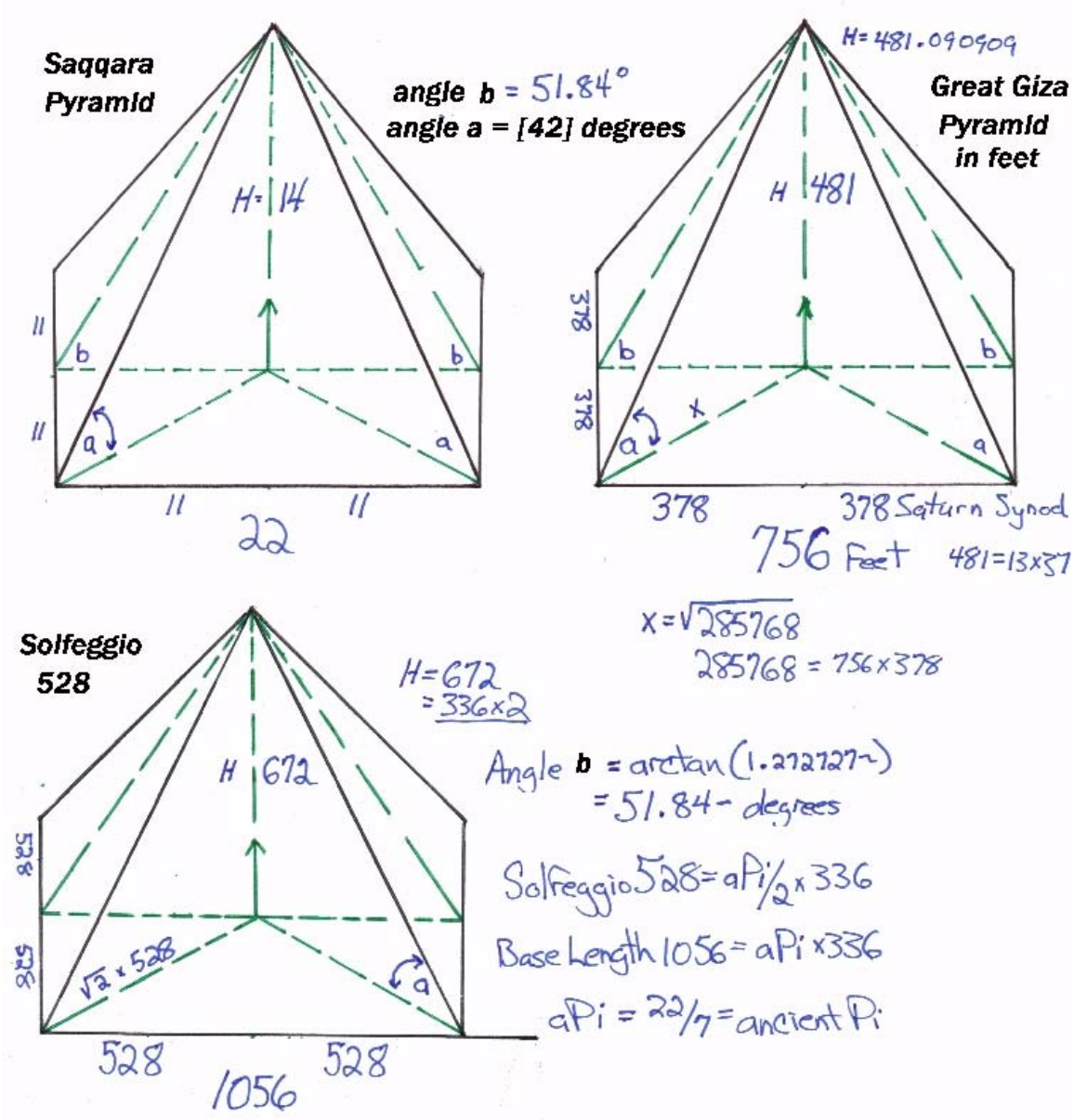
NOTE: The Great Giza Pyramid has an accepted projected height of **[280]** cubits].
[88] Mercury sidereal divided by **[280]** = **[0 .3142857 142857 142857~],**
and that equals exactly **[aPi] / by [10],**
where ancient Pi = [aPi] = [22 / 7].
Knowing this we try something novel indeed.
The height of the Great Pyramid of Giza in feet is **[481 .090909~] or rounded to [481].**
Either height will work in this simple application of the **[88]** Mercury sidereal.
This is a comparison set of pyramids in a previous pdf, and the Giza pyramid is on the left, and using the Saqqara pyramid dimensions, the height is thus [481 .09090909~], and rounded there to show decimal-less feet values, and also because [13] x [37] =[481].



Now notice how the Mars Jupiter synod **[816 .5] days,** is used on the right.
It will be important in the next equation display:
Giza pyramid height = **[481] feet x [88]** Mercury sidereal = **[42328],**
Then use value accomplished of **[42328], then** divided by Mars Jupiter synod **[816 .5],**
[42328] / by [816 .5] = [51 .840~], and [**5184**] = [**72**] squared,
and the slope of the Great Giza pyramid is arctangent [14 / 11] = [51 .842~].
Using the exact height **[481 .090909~],**
the angle achieved is [51 .850~], and as such the differentials are **negligable.**
Judge for yourself.

However using the exact height of **[481 .09090909~],**
gives interesting further results!
[481 .09090909~] x [88] Mercury sidereal = [42336]
then note that **[42336] = [126] x [336], or [42336] = [63] x [672].**
The value [336] and [672] are important physics value in E8 symmetries and connected to resultant Fourth Dimensional geometries:
http://www.scribd.com/doc/2169448/Exceptional-Lie-Groups-Einfinity-Theory-and-Higgs-Boson-ElOkaby
Quote from above link:
This idea can be applied to Klein modular curve which could be seen as topological deformation of E8 exceptional symmetry group. The original curve has [336] fold symmetries corresponding to exactly triangle pieces of which it is made.
The [336] triangles are considered to be degree of freedom or dimensions.{Quote]

Thus my Solfeggio [528] pyramid expresses the [336] and [672] wonderfully:



The beauty of the Solfeggio value **[528] is that it equals ancient Pi x [336] exact.**
Thus it follows perfectly that Solfeggio [528] / by Mercury sidereal [88] = [6].
Note that the height of this pyramid results in **[2] x [336] = [672].**
So with the value [672],
we can return to the Tesseract and further fourth dimensional geometries.

http://mathworld.wolfram.com/Tesseract.html

The tesseract has 261 distinct nets (Gardner 1966, Turney 1984-85, Tougne 1986, Buekenhout and Parker 1998).

The tesseract is composed of 8 cubes with 3 to an edge, and therefore has 16 vertices, 32 edges, 24 squares, and 8 cubes

Hypercube - The dimensional family of polytopes:

* **Square - {4}**
* **Cube - {4,3}**
* **Tesseract - {4,3,3}**
* **Penteract - {4,3,3,3}**
* **Hexeract - {4,3,3,3,3}**
* **Hepteract - {4,3,3,3,3,3}**
* **Octeract - {4,3,3,3,3,3,3}**
* **Enneract - {4,3,3,3,3,3,3,3}**
* **10-cube - {4,3,3,3,3,3,3,3,3}**

So the dimensional family of polytopes is shown above from an internet reference that was replicated as valid by other sources.
Much of this work was probably foreseen early on by Coexter, and later approached by Gardner and Turney, thus revealing the **[261] nets of the Tesseract.**
Peter Turney's work is quite interesting to follow:
http://unfolding.apperceptual.com/

Unfolding the Tesseract
Conclusion:
There are 261 ways of pairing the eight-node trees.
Thus, there are 261 unfolded tesseracts.
There are 106 ten-node trees.
Journal of Recreational Mathematics, Vol. 17(1), 1984-85
Note his statement at the end of his sequence [1, 11, 261…]
"This gives us an infinite sequence: [1, 11, 261],…."

which in a "Harmonic Codex" fashion follows the earler **[11] x [261]** extrapolation.
Thus back to the leading paragraph on this page in relation to the [**336**] and the [**672**]:
So with the value [672], we can return to the Tesseract and further fourth dimensional geometries, with the below table revealing the complexities of numbers within all the hypercube polytopes and you will notice immediately that [672], is represented within the polytope framework:

Below chart is not original work by the author, and found freely on the internet.

Hypercube elements $E_{m,n}$

				m	0	1	2	3	4	5	6	7	8	9
n	γ_n	n-cube	Petrie polygon projection	Names Schläfli symbol Coxeter-Dynkin	Vertices	Edges	Faces	Cells	4-faces	5-faces	6-faces	7-faces	8-faces	9-faces
4	γ_4	4-cube		Tesseract **Octachoron** {4,3,3}	16	32	24	8	1					
5	γ_5	5-cube		Penteract **Decateron** {4,3,3,3}	32	80	80	40	10	1				
6	γ_6	6-cube		Hexeract **Dodecapeton** {4,3,3,3,3}	64	192	240	160	60	12	1			
7	γ_7	7-cube		Hepteract **Tetradeca-7-tope** {4,3,3,3,3,3}	128	448	672	560	280	84	14	1		
8	γ_8	8-cube		Octeract **Hexadeca-8-tope** {4,3,3,3,3,3,3}	256	1024	1792	1792	1120	448	112	16	1	
9	γ_9	9-cube		Enneract **Octadeca-9-tope** {4,3,3,3,3,3,3,3}	512	2304	4608	5376	4032	2016	672	144	18	1
10	γ_{10}	10-cube		10-cube **Icosa-10-tope** {4,3,3,3,3,3,3,3,3}	1024	5120	11520	15360	13440	8064	3360	960	180	20

I researched this chart and found it to be valid mathematically and well researched.

The **[672]** height of the Solfeggio **[528]** pyramid **= [336] x [2].**
The [**672**] value is largest value in the hepteract, or seven sided polytope.
So to cut to the chase first, then extrapolate more precisely later,
I decided to look at the two highest numeric values on the chart in the **Icoso-10-tope,**
And those are **[13440]** and **[15360]. Icoso-10-tope** value [**13440] / by [336] = [40]**.

The tangent of the slope of Saqqara and Great Giza Pyramid is [1 .2727272727~].
Slope = [51 .84~] degrees.
[13440] / by [1 .27272727~] = [10560] = [20] x Solfeggio [528] or [2] x [5280] mile!

[15360] / by [1 .27272727~] = [x],
then [x] divided by [88] Mercury sidereal = [y],
then [y] times [378] Saturn synod = [51840] exact = [72 x 720]! Or [51 .84] degrees!

Now that is what I call 4D Hypercube Tesseract Egyptian Pyramid Cosmology! Ha!
Looking at the above [**51840**],
and remembering that [**5184**] = [72] squared and [51 .84~] is the Giza pyramid slope,
[5184] / by [13440] = a codexed Chronos value of exactly [0 .3 857142 857142~], then:
[0 .3 857142 857142~] times [687] Mars sidereal = [264 .9857142 ~] = [265]!
And there is your Mars Pentad **[26.5]** degree angle as a numeric value connection!
Mars Radius of [3397] km in my Mars radius equation:
[0 .3397] x [780] Mars synod = [264 .966] = [265].

Moving forward:
Icoso-10-tope value **[13440]** works directly into the Mayan Long Count [**1872000],** with the Chronos constant system and Saturn synod **[378].**

This mathematical system works like this:
Whenever you see a number produced with a replicating decimal sequence that has the Chronos sequence **[142857]** which is from [aPi] = [3 .142857 142857 142857~] or any mix of those integers within such as:
[142857], to [428571], to [285714], to [857142], to [571428], to [7142857],
then you know,
that you are in a vast mathematical system that works planetary timelines etc.
Then you apply either multiples of **[7]**, **[54**] or **Satrun synod [378]** specifically.
Thus:
Mayan Long Count **[1872000] / by [13440] = [139 .285714 285714 285714~],**
And:
[139 .285714 285714 285714~], then times **[378]** Saturn synod = **[52650].**
This value [52650],
is a direct Harmonic Code catalyst into the Mars Pentad tetrahedral Cosmic Calendar.

[52650] / by tetrahedral [19 .5] = [2700], and [27] is half of [54].

[52650] / by [260] Tzolkin = [202 .5],
and:
[202 .5] x [8] = [1620] = [aPhi] x [1000].

[52650] / by tetrahedral Mars Pentad [4333 .33333~] Jupiter sidereal **= [12 .15],**
and **[12 .15] x [540] pentagon degrees = [6561] = [9]** squared twice, or [81] sq..
Or **[12 .15] x [40] = [486] = [9] x [54] and [486] = [3 x 162].**

[52650] / by [117] Mercury synod = [450],
[52650] / by [225] Venus sidereal = [234] = [9 x 26] or [0.9] x [260] Tzolkin.
[52650] / by [585] Venus synod = [90],
[52650] / by [780] Mars synod to Earth = [67 .5],

and then using the above **[67 .5] value:**

[780] Mars synod / by [67 .5] = [11. 555555~],
and
MLC [1872000] / by [11 .555555~] = [162,000] = 100,000 times [aPhi].

Using the Mercury **[88]** day sidereal becomes quite unusual,
in these 4D styled mathematical systems generating initially from the Tesseract,
then flowing into the higher order polytopes in the image diagram.
New Chronos Constant and ancient Pi subconstants emerge!

[52650] / by [88] = [598 .29**54545454~],** now notice the replicating decimal sequence of [**54 54 54**], because that is what gave me the idea back into the ancient Pi system.

[52650] / by [88] = [598 .2954545454~] = [x],
then **divide [x]** by **[1 .3636363636~]** = **[438 .75]** ,
Fortunately I recognize that number from all the past planetary timeline values studied.
[16] x [438 .75] = [7020] = ten times the Mayan Dresden Codex **[702].**

Now watch again:
[52650] / by [88] = [598 .2954545454~] = [x],
then **divide [x]** by **[2 .4545454545~]** = **[243 .75].**
Fortunately I recognize that number from all the past planetary timeline values studied.
[243 .75] times [32] = [7800] = ten times the Mars **[780**] synod to Earth!

Thus the Harmonic Codex cycle is quite apparent when extrapolated from the
Icoso-10-tope value **[13440],**
And two new Ancient Pi sub constants are revealed as **[1 .363636~]** and **[2 .454545~].**

From here a separate research section needs to be addressed in order to facilitate the further deciphering of the Polytope Diagram above last image.

Hypercube Tesseract Pyramidal Ancient Square Root Two and Ancient Pi Chronos Constant System Subconstants

This will be a short text addition to introduce Part 2 of this document which will be published at a later date:
In studying the various pyramids I have created from the exact dimensions of the Saqqara and great pyramid of Egypt, I found the ancient value of Square Root Two as it exists in the Chronos Constant system [see Ancient Pi pdf].
Ancient Square Root two is a constant within the Chronos constant system, because it has the replicating decimal of the Chronos constant [142857].

Ancient or Tesseract hypercubic square root two = **[99 / 70] = [1 .414 285714 285714~].**

It also equals Solfeggio value **[396]** divided by Giza pyramid height of **[280]** cubits.

Ancient Pi divided by Ancient Square Root Two = [2 .2222222~] = [20 / 9].

So the obvious first test is to see how this form of Square Root Two must work with the Tesseract [261] value to be valid:

So therefore **[a]ncient Square Root Two = Sqrt[a2].**

Tessaract **[261] / by Sqrt[a2] = [184 .5454545454~],**

Looking at the replicating decimal sequence of **[54 54 54 ~]** above,
and I get a clue that I am in the ancient system of math by virtue of the constant
found in the last page with the same decimal sequence of **[2 .45454545~],**
Though that is not the constant used next, the replicating decimal is a clue.

Tessaract **[261] / by Sqrt[a2] = [184 .5454545454~] = [x]**
Then, **[x]** divided by the Saqqara and Great Giza pyramid **[51 .8427~]** slope tangent**:**
[x] / by [1 .2727272727~] = [145]

Tesseract [261] divided by above value [145] = [1.8],
and that [145] x [2] = [290] just as:
Tesseract [261] / by [9] = [29].
Now continuing:
Tesseract [261] / by [145] = [1.8]←-----Note this value.
Now watch the two Ancient Pi constants I have offered in the last page:
[2 .45454545~] divided by [1 .36363636~] = [1.8], and [18] squared = [324].
[1 .27272727~] times Sqrt [a2] = [1.8]!

This will be an extraordinary extrapolation,
Using one of the new subconstants [2 .4545454545~] with Sqrt[a2]:

The **Chronos Constant** is created from the decimal sequence
on the end of **[aPi] = [22/7] = [3 .142857 142857 142857~],**

Thus: [0 .142857 142857 142857] = Inverse of **[7]** exact**. WATCH for the sequence.**

Now: Sqrt [a2] times [2 .4545454545~] = [3 .4 714285 714285~],
So seeing the replicating harmonic mix of the Chronos sequence above as [**714285**],
I know that immediately from past research to use aspects of the Chronos system:

[3 .4 714285 714285~] x [7] = [24 .3].←-------→ or [243] without decimal**.**
Fortunately I recognize the number **[243]** from the past planetary timeline values studied.
It is a fundamental part of the tetrahedral Mars Pentad calendar with Venus **[585]** synod.

[585]Venus synod **/ by [243]** =[**2 .407 407** ~] = my Khufu Constant **[195 / 162] x [2]!**

[**2 .407 407 407** ~] divided **by [2] = [1 .203 703 703 703~] = [195 / by 162],**
where [195] corresponds to tetrahedral [19.5], and [162] corresponds to [aPhi] = [1 .62]**.**

Once again the differential between **ancient Phi = [1 .62],**
And thus with it's value of **Square Root [aPhi] = [1.2727922~],**
differs from the Saqqara and Giza slopes using arctangent **[1. 272727~],**
must be explained as [1 .272727~] squared = [1 .619834711] and not [1.62] as [aPhi].

The Tesseract extrapolations prove that [1 .27272727~] is the constant value to be used.
In ancient times however it was necessary to facilitate **CALENDAR**,
or **Astronomical Count Calculation Vehicles,**
of which the Mars Pentad grid is a tetrahedral Astronomical Count Calculation Vehicle.

Ancient Egyptians and Sumerians using a [360] calendar count system,
and so did the Mayans with the [360] Haab civic calendar.
Needing a count constant that used the [9] and flowed within these count systems
with constants such as the Kemi = [3600] squared = [1296000],
and the Mayan Long Count [1872000],
the value of **[1 .62]** was the rounded value of **[1 .272727~]** squared = [**1 .619834711**].
Thus:
[162] = [9 x 18] and was used for **Astronomical Count Calculations**,
by this simple application:
Kemi **[12960000] / by [162] = [80,000]**.
Surely one can see the beauty of **[162]** as ancient Phi astronomical count above**,**
with nice clean values, and [360] calendar by / [162] = [20 /9].

Mayan Long Count [1872000] / by [162] = [11555 .55555~],
And this is unique!
Take the **[11555 .55555~]**,
then divide by the Khufu Constant from the last page analysis. **KhC = [1 .203 703 703~].**
[11555 .55555~] / by [KhC] = [9600]!
[9600] which is a perfect number in the Egyptian count systems as a multiple of [12].

[11555 .55555~] divided by **[4333 .3333~]** Jupiter sidereal = **[2 .66666~]**
and:
MLC [1872000] divided by Dresden Codex **[702] = [2666 .6666~].** {see above**}.**
So ancient Phi as [**1 .62**] is correct in astronomical count vehicles because of the [**9**].
But in the purity of the Tesseract and the emergent polytopes thereof,
the original value from the Saqqara pyramid dimensions of **[14 / 11] = [1 .2727272~]**
is the prime extrapolant as a **constant** in that system with the **Chronos Constant.**
BUT! The [162] as an [aPhi] count vehicle will maintain that status in the
Tessaract developed polytope system seen in the diagram.
This has been explained well in many previous pdf.s recently released.

Note as well that Tesseract [261] is likewise related to ancient Phi = **[162],**
as numerically rearranged [**261**] as **[162]** with [aPhi] = [**1 .62**],
and also as **[261]** is to **[216]** as an important Egyptian count number
[216] = [4 x 54] and [9 x 24], or Kemi [1296000] / by [**216**] = [60,000],
thus showing "harmonic codex" of the numbers.

Thus we return to the **Hypercubic Tesseract Square Root Two**,
And the two subconstants:
[1 .36363636~] and [2 .45454545~]:
AND NOTICE that Ancient PHI as [**162**] works as a count vehicle!

Follow the progression below : **[aPi] = [22 / 7] = [3 .142857 142857 142857~].**

[aPi] x [378] Saturn synod = exact [1188], {see ancient Pi pdf}

1000 x [aPhi] = [1620]←----Note!
Using the two values:
[1620] / by [1188] = [1 .36363636~]

[1620] / by subconstant [2 .45454545~] = [660], then times [1 .36363636~] = [900].

[1620] / by Sqrt[a2] = [1145 .45454545~]
then:
[1145 .45454545~] / by [2 .45 45 45 45~] = [466 .666666~],
and with the numeric set value **[4666666~]**
you are in the heart of the Mars Pentad tetrahedral astronomical count system.
see Mars Radius formula, [0.3397] x [364] = [x], then [x] / by [26 .5] = [4 .666~]
or **[1145 .45454545~] / by [1 .36363636~] = [840].**
Or [1145 .45454545~] / by [2 .54 54 54 54 54~] = [450]

Now to not belabor this into 20 pages of calculations,
I will use the Dresden Codex [702] and a few choice others.

Dresden Codex **[702] times [1 .27272727~] = [x],**
Then **[x] / by [2 .45454545~] = [364]!**
And [364] is in the tetrahedral count system as:
13 full Earth moons per year x [28] = [364], and **[364]** is a Pascal triangle number**.**

[780] Mars synod times [1 .27272727~] = [x]
then [x] / [1 .36 36 36 36 36~] = [728] = [2 x 364].

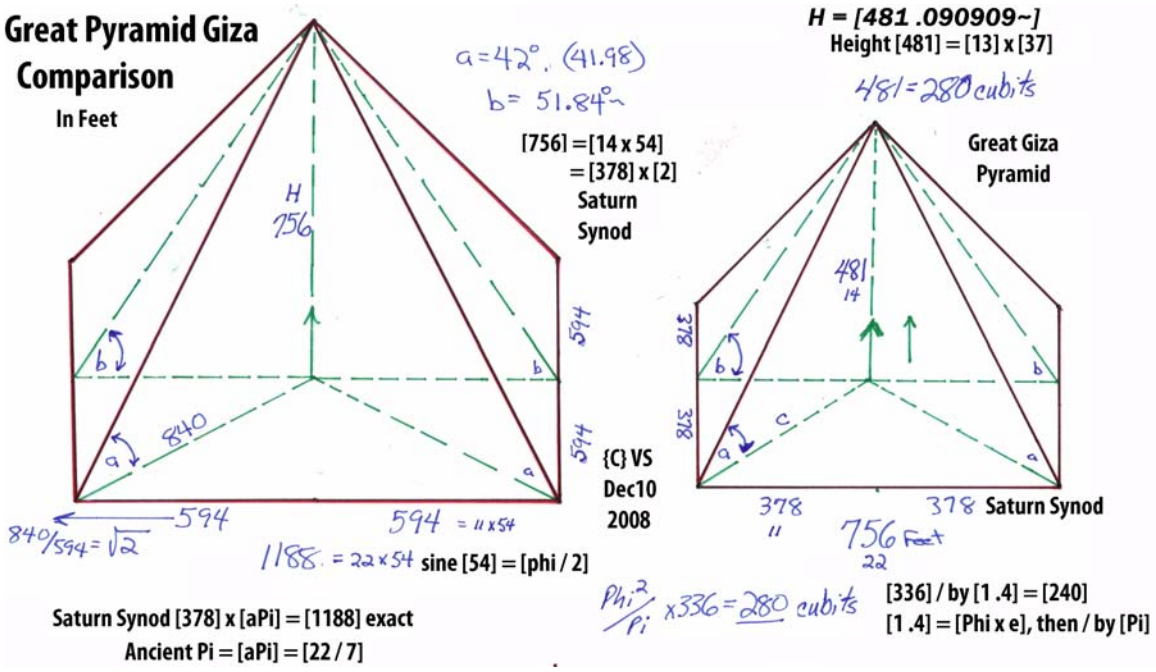
Watch: [780] Mars synod / by [2 .45 45 45 45~] = [317 .7777~]
[4333 .3333~] Jupiter sidereal / by [1 .363636~] = [3177 .77777~]!

[1 .36 36 36 36~] / by [2 .45 45 45 45~] = [0 .55555~] = [5 /9].
[1 .63 63 63 63~] / by [2 .45454545~] = [0 .66666~] = [6/9]
So to sum up these sub constants with ancient Pi:
[1 .363636~] x [aPi] = [x], then [x] times [378] Saturn synod = [1620] = 1000[aPhi].
[2 .454545~] x [aPi] = [x], then [x] times [378] Saturn synod = [2916] = [54] squared.
[1 .272727~] x [aPi] = [4],
Sqrt[a2] x [aPi] = [x], then [x] times [378] Saturn synod = [1680 .17~] = 1000[e] / Phi.

So to clarify the last equation due to it not being exact at [1680],
of which [1680] is the Ceres sidereal = 1000[e] / [Phi]:
Sqrt[a2] x [aPi] = [x], then [x] times [378] Saturn synod = [1680 .17~] = 1000[e] / Phi.

Sqrt[a2] is ONE Chronos system constant for the Tesseract polytopes to extrapolate into.
There is another form of Square Root [2],
in the Egyptian pyramids, and it is in my pyramid earlier posted in a pdf:
Pyramid lengths **[840] / by [594] = [1. 414 14 14 14 14~]**
Thus:
[1 .414 14 14~] x [**aPi**] =[**4 .444444444~**],
then [**4 .444444~**] times [**378**] Saturn synod = [**1680] exact!**.

You can see the pyramid lengths **[840] and [594]** on the left:



The exact value of length [**840**] should be [840 .0428~],
and thus **true Sqrt [2]** times base length **[594]** is the right value.
[840] and [594] are decimal-less forms of astronomical count.

Returning to the subconstants:

[1 .363636~] x [aPi] = [x], then [x] times [378] Saturn synod = [1620] = 1000[aPhi].
[2 .454545~] x [aPi] = [x], then [x] times [378] Saturn synod = [2916] = [54] squared.

You can take ANY two digit replicating decimal sequence and process that value through an equation **with ancient Pi and the Saturn synod [378], or just [54].**
The Saturn **[378]** synod produces planetary style results however, far more desirably than just using the base pentagonal value of **[54**] which as an angle has sine[54] = [phi / 2].

Formula for 2 digit code sequence and ancient Pi:
[1 .363636~] x [aPi] = [x], then [x] times [378] Saturn synod = [1620] = 1000[aPhi].

Now take unique **[2] digit code decimal sequences:**
[0 .65656565~] x [aPi] = [x],
then [x] times [378] Saturn synod = [780] Mars synod!

[0 .78787878~] x [aPi] = [x],
then [x] times Saturn synod [378] = [936] = [Pi / Phi sq] x [780] Mars synod,
where [Pi / by Phi sq] = [1.2],
or [1.2] = Dresden codex [702] / by [585] Venus synod
in the Mars Pentad tetrahedral astronomical count calendar system.

[0 .28282828~] x [aPi] = [0 .888888~] = [8/9] = [x],
then [x] times Saturn synod [378] = [336], and [336] x [aPi / 2] = Solfeggio [528].

[0 .26262626~] x [aPi] = [x],
then [x] times [378] Saturn synod = [312] = the [260] Tzolkin x [Pi / Phi sq].

[0 .18181818~] x [aPi] = [0 .571428 571428 571428~] = [x],
then [x] times [378] = [216] an important Egyptian calendar count value.

[0 .757575757~] x [aPi] = [x],
then [x] times [378] Saturn synod = [900].

[0 .848484848~] x [aPi] = [2 .66666~], and MLC [1872000] / by [702] = [2666 .6666~]
[0 .424242424~] x [aPi] = [1 .33333~],
with the two above values achieved being major tetrahedral components of the
Mars Pentad tetrahedral calendar system.

Now a new subconstant emerges with **[aPi] = [22 / 7].**
Noting that the exact height of the Giza pyramid in feet is [481 .09090909~],
I decided to try **[1 .09090909~]**, and Bingo!
Giza pyramid slope [**51 .842~**] tangent = constant **[1 .27272727~],**
[1 .27272727~] / by [1 .09090909~] = [1 .166666] = [7 / 6].
[1 .36363636~] / by [1 .09090909~] = [1 .25].
[2 .45454545~] / by [1 .09090909~] = [2 .25], and [225] is the Venus sidereal.

NOTE: Tessaract [261] / by standard astronomical Mercury synod [116] = [2.25]

Sqrt[a2] / by [1 .09090909~] = [x],
Then [x] times [1 .2727272727~]Squared←--- = [2.1] exact, or the [21] set = [7 x 3].

Here is how the [**1 .09090909~**] constant sequence works in the same equation:
[0 .59 0909090909~] x [aPi] = [x],
then **[x]** times **[378]** Saturn synod = **[702]** Mayan Dresden Codex!

Moving Forward and returning into the Tesseract polytope chart again :
Looking at the value of Sqrt[a2] and Ancient Pi, a simple constant is formed for application to EVERY number in the Tessaract polytope diagram!
That constant is the Universal number [9].
Tesseract [261] / by [29] = [9], and the inverse of [9] = [0.11111111~]

[1 .414 285714 285714~] x [1 .414 14 14 14~] = Two exact!
[20] x [1 .414 285714 285714~] = [28 .28 571428 571428~] = Sqrt [800]!
Therefore by process of the equation **[28 .28 571428 571428~] / by [aPi] = [9],**
the [9] becomes the simplest fundamental conversion value in the polytope chart,
or in harmony with important Egyptian and tetrahedral calendar count numbers:

Hypercube elements $E_{m,n}$

				m	0	1	2	3	4	5	6	7	8	9
n	γ_n	n-cube	Petrie polygon projection	Names Schläfli symbol Coxeter-Dynkin	Vertices	Edges	Faces	Cells	4-faces	5-faces	6-faces	7-faces	8-faces	9-faces
4	γ_4	4-cube		Tesseract **Octachoron** {4,3,3}	16	32	24	8	1					
5	γ_5	5-cube		Penteract **Decateron** {4,3,3,3}	32	80	80	40	10	1				
6	γ_6	6-cube		Hexeract **Dodecapeton** {4,3,3,3,3}	64	192	240	160	60	12	1			
7	γ_7	7-cube		Hepteract **Tetradeca-7-tope** {4,3,3,3,3,3}	128	448	672	560	280	84	14	1		
8	γ_8	8-cube		Octeract **Hexadeca-8-tope** {4,3,3,3,3,3,3}	256	1024	1792	1792	1120	448	112	16	1	
9	γ_9	9-cube		Enneract **Octadeca-9-tope** {4,3,3,3,3,3,3,3}	512	2304	4608	5376	4032	2016	672	144	18	1
10	γ_{10}	10-cube		10-cube **icosa-10-tope** {4,3,3,3,3,3,3,3,3}	1024	5120	11520	15360	13440	8064	3360	960	180	20

Octeract [16] / by [9] = [1 .77777~], and sqrt [1 .7777~] = [1 .3333~] Pentad length.
Giza Pyramid base [756] feet x [17 .7777~] = Icosa-10-tpe [13440]:
Icosa-10-tope [13440] / by [9] = [x], then [x] / by [1.33333~] = Octeract [1120]
Hexeract [160] / by [9] = the above [17 .77777~]
Octeract [1024] / by [9] = [x], then [x] / by [1.77777~] = Hexeract [64]

In the above equations with **Sqrt [1 .77777~] = [1 .33333~],**
The Sqrt of [1 .3333~] is a very important number in the **Mars Pentad** and**:**
[1 .33333~] / by modern Sqrt [2] = the Square root [8 / 9].

Hexeract [240] / by [9] = [26 .6666~], and MLC [1872000] / [702] = [2666 .66666~]
Square Root [**2 .666666~]** is a fundamental component of the Mars Pentad grid.

So easily enough, all the fourth dimensional Tesseract developed polytope numbers once analyzed just come under the supremacy of the [9],
just like all the Mayan and Egyptian numbers.

[9] x [256] = [2304], and both numbers are on the diagram.

[9] x [448] = [4302], and both numbers are on the diagram.

The Octeract value in the diagram of **[112]:**
[9] x [112] = [1008] = [72 x 14],
……..[**1008]** = Pascal triangle central number **[252] x [4],**
and Mars has a **[25 .2]** degree axial tilt.

Hepteract value **[128]:**
[9] x [128] = [1152], and [11520] is in the Icosa-10-tope horizontal column.
[1152] x [4 .5] = [5184] = [72] squared, and the **[51 .84~]** degree Giza pyramid slope**.**
[1152] = [16 x 72]

Hepteract value **[672]:**
[672] was the height of the Solfeggio pyramid, and **[672 / 2] = [336]**.
[9] x [672] = [6048] = Octeract value [112] x [54].
Watch closely now:
Kemi [1296000] divided by [6048] = [2142 .857142 857142 857142~] = [x].
Then:
[x] times Saturn synod [378] = [810,000] = [900] squared.

The grand finale for now:

Icosa-10-tope value [3360]:
[9] x [3360] = [30240] = [560 x 54] = [420 x 72] = [80 x 378 Saturn synod].
Then using [30240]:
[30240] / by [5184] = [5 .833333~],
and [5 .833333~] x [780] Mars synod = [4550]
[4550] = Khufu Constant [195 / 162] times [378] Saturn synod x 10.

Kemi [1296000] / by [30240] = [x],
Then [x] times [378] Saturn synod = [162,000] = 100,000 times [aPhi]!

Well,
You have to do the highest value on the chart as well:
Icosa-10-tope value [15360] times [9] = [x],
Then [x] / by [378] Saturn synod = [365 .714285~], unusually close to Earth year.

Icosa-10-tope value [15360] times [9] = [x],
Then, [x] / by [aPi] = [y],
Then, [y] / by subconstant [2 .4545454545~] = [17920]
Notice how the [17920] is a harmonic mix of the Leedskalnin number [7129].
[7129]←------→[1792]-------→ [1792] is an Octeract polytope value.
[7129] / by [1792] = [x],
then, square [x] totally SIX times on the calculator = [2 .4] x 10 to 38 power.

The exact value achieved is [2 .399932355], and that is close enough to **[2.4] or [24].**
If you work back from [2 .4] x [10] to 38 power,
You will result in [7129 .00314].
Also value [1792] x [aPi] = [x], then [x] divided by [16]sq. = [22].

Icosa-10-tope value [15360] times [9] = [x],
Then, [x] / by [540] degrees in a pentagon = [16] squared = [256],
And **[256]** is half of Enneract value **[512]** in the polytope diagram**.**

Icosa-10-tope value [15360] times [9] = [x],
The, [x] / by [5184] = [26 .66666],
And with set **[266666666]** you are in the heart of the **Mars Pentad grid** tetrahedral astronomical count system**, and the Mayan Long Count.**

Mayan Long Count [1872000] / by Dresden codex [702] = [2666 .6666~]
Kemi [1296000] / [2666 .66666~] = [4860] = [90 x 54]
Then using the above line value **[4860]:**

[4860] / by subconstant [2 .45454545~] = [1980] = Solfeggio [396] times 5.

[4860] / by [aPi] = [1546 .3636363636~]
So: [1546 .3636363636~] divided by subconstant [1 .3636363636~] = [1134]
And
[1134] = [3] x [378] Saturn synod.

This should be sufficient to display the power of the [9]
in the Tesseract polytope number system,
with emphasis here at the end on the Harmonic Codex methodologies of extrapolations which were inclusive of the usage of a Leedskalnin number and several Chronos subconstants and Anceint Pi itself!

The numbers seen inn the diagram for the various Tesseract polytopes
also divide amongst each other in a Harmonic Codex that flows from
the tetrahedral Mars Pentad astronomical count system to the more pentagonal **[54],**
and **[378]** synod based Egyptian astronomical count systems.

**I will only provide a few of those, as the second pdf will be addressing that
as well as many other previous topics within this document.**

Below are number values found in the various polytopes columns:

Harmonic Codex in action with subconstants:

**[15360] / by [672] = [22 .857142 857142 857142~] = [x],
then [x] times [378] Saturn synod = [8640], and [864,000] is the solar diameter.
[8640] = [16 x 540]
now:
[378] Saturn synod times [aPi] = [1188]
and:
[8640] / by [1188] = [7 .27272727~]
[7 .27272727~] / by [1 .27272727] = [5 .7142857 714285 714285~] = [x],
then [x] times [378] Saturn synod = [2160]
and [216] is an important Egyptian number = [4 x54].**

Hepteract [672]:
[672] / by [1 .27272727~] = Solfeggio [528]

Hepteract [560]:
[560] / by [1 .27272727~] = [440], then x **12** = the mile **[5280].**

Hepteract [672]:
[672] x [aPi] = [2112],
then **[2112]** divided by Hepteract value **[14]** = [x],
then **[x] times [378]** Saturn synod = **[57024]**
and
[57024] = Solfeggio [528] x [108], and [108] x 5 = [540] pentagon degrees,
and the mythological [108] Mayan dimensions.

**Enneract value [2304] divided by Octeract value [1024] = [2.25],
Tesseract [261] / by standard Mercury synod [116] = [2.25],
And [225] is the Venus sidereal in Mars Pentad tetrahedral calendar count.**

Octeract value [1792] / by Hepteract value [672] = [2 .666666~]

Icosa-10-tope value [5120] / by Enneract value [2304] = [2 .222222~] = [20 / 9].
Using [aPi] = [3 .142857~], then / by Sqrt[a2] = [2 .222222~]!

And to close this section,
I found one that didn't work…at first!

Icosa-10-tope [15360] / by Enneract value [4032] = [3 .80952381]
Here is how you clean that up:
[3 .80952381] times [9] = [x],
then [x] times [378] Saturn synod = [12960],
and the Egyptian Kemi = [12960000].

Ancient Pyramid and Tesseract Sqrt Two = [1 .414 285714 285714~] = Sqrt[a2]
MLC [1872000] / by Sqrt[a2] = [x],
Then [x] / by [1 .2727272727~] = [1040000] = [4000 x 260 Tzolkin].

Icosa-10-tope value [13440] x Sqrt[a2] = [19008]
Then:
[19008] / by [aPi] = [6048] = Octeract value [112] x [54],
using the [6048]:
Kemi [1296000] / by [6048] = [x],
then [x] times [378] Saturn synod = [810,000] = [900] squared!

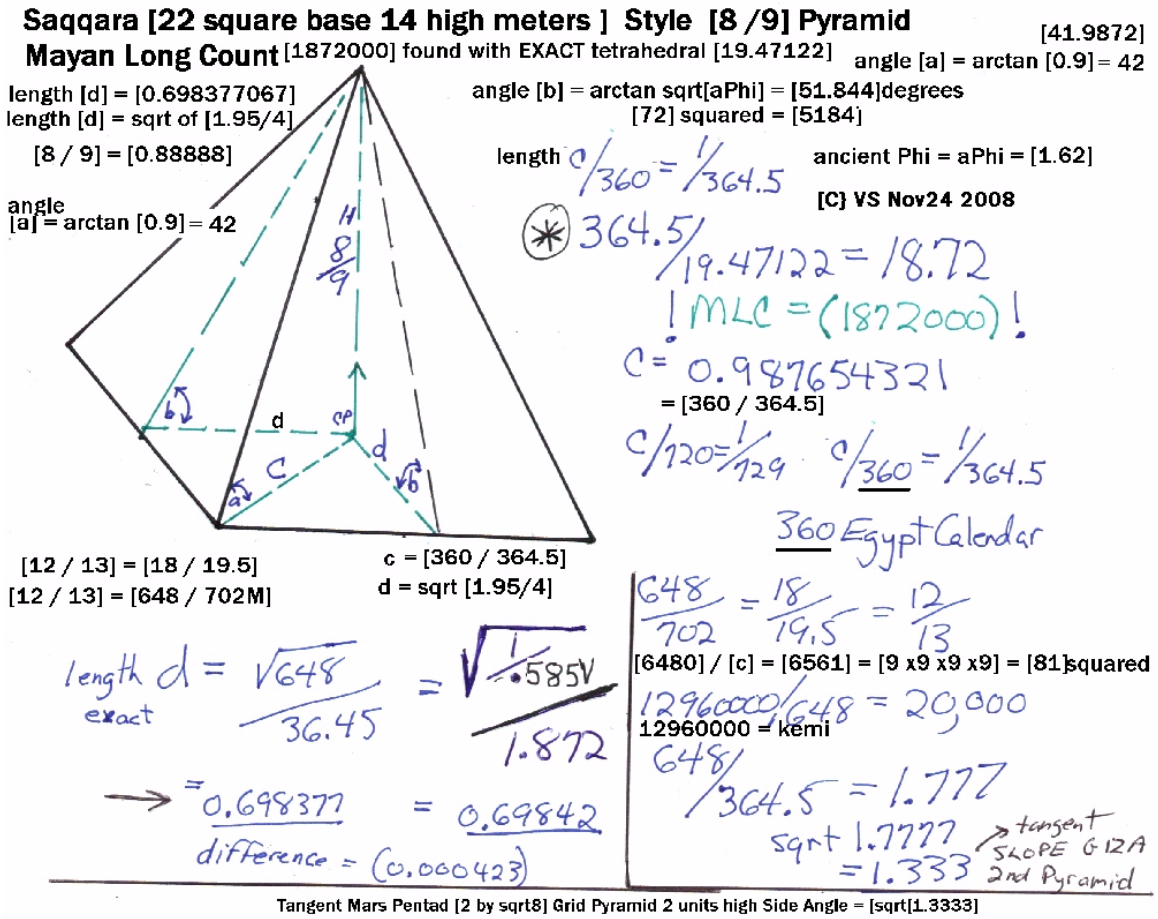
Sqrt[a2] times [378] Saturn synod = [534 .6] = [0.9] x pyramid length [594].
Using [534 .6]:
[534 .6] / by Giza pyramid baseline [756] feet = [0 .707 142857 142857 142857]
thus:
This value achieved of [0 .707 142857~] is the Chronos equivalent of:
[0 .707106781],
which is the tetrahedral tangent, and the sine and cosine of [45] degrees.
Inverse of [0 .707 142857~] = [1 .414 14 14 14 14~] = [840] / by [594]
{see earlier pyramids}
and to note on that [594]:

Mars sidereal [687] / by tetrahedral [19 .47122061] = [35 .28284198]
And [35 .28284198] is almost tetrahedral angle [35 .264~]
And
Sqrt [35 .28284198] = [5 .94] correlating the [594] above paragraph.

So one last equation before **The Conclusion,**
With an accompanying pyramid from a prior pdf:

Focusing on value [364 .5], Using the alternate Sqrt [2] value of [1 .414141414~], and Chronos subconstant [1 .3636363636~]:
[1.3636363636~] / by [1 .41414141414~] by = [x],
then [x] times [378] Saturn synod = [729]
Using [729], then / by [2] = [364 .5]←----------Target value!
then:
[364 .5] / by tetrahedral [19 .47122061] = [18 .72] correlating the MLC [1872000].

Notice how the length [c] = [360 / by 364 .5] = [0 .9-8-7-6-5-4-3-2-1]!
Tessaract [261] x [1.4] = [365 .4]
And [1.4] = [Phi] x [e], then / by [Pi].

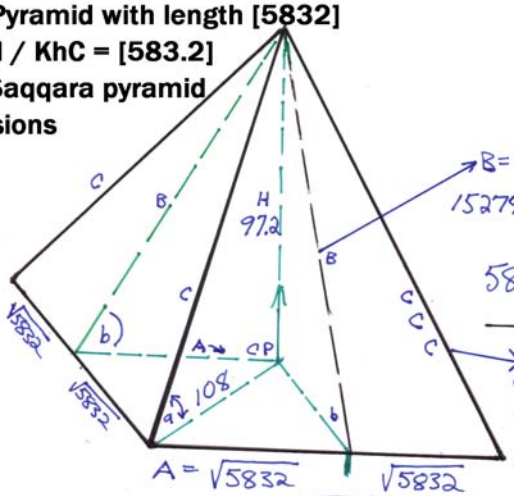


Tangent Mars Pentad [2 by sqrt8] Grid Pyramid 2 units high Side Angle = [sqrt[1.3333]

Hepteract [560] times [364 .5] =[x],then [x] / by [378] Saturn synod=[540] pentagon.
Hepteract [672] x [364 .5] = [x], then [x] / by [378] Saturn = [648] = [12 x 54]
Icosa-10-Tope [13440] x [364 .5] = [x], then [x] / by [378] Saturn synod = [12960]
Enneract [5376] x [364 .5] = [x], then [x] / by [378] Saturn synod = [5184] = [72] sq.
Octeract [112] x [364 .5]= [x], then [x] / by [378] Saturn synod= [108] pentagon angle
If dividing by [378] gives a decimalized number, then go back and divide by [54].
Octeract [1024] x [364 .5] = [x], then [x] / by [54] = [6912], then / by [1296] = [5.3333]
THIS EQUATION PROCESS WORKS FOR EVERY POLYTOPE NUMBER!!!

An earlier published pyramid using the value **[5832] with Leedskalnin [7129].**
Kemi [12960000] / by [1 .4141414~] = [x], then [x] / by [aPi/2] = [5,832,000].
[5832] = [108 x 54] = [72 x 81] = [162 x 36] and [5832] x [0 .88888~] = [5184]
[5832] x [0.2222222~] =[1296], or [5832] / by [8/9] = [6561] = [81]sq = [9x9x9x9].
5832 / by [1.414285714] = [4123 .636363~] = [x], then [x] / by [1.36363636~] = [3024]
Kemi [12960000] / by [3024] = [x], and then [x] x [378] Saturn synod = [1620000]!

[108] Pyramid with length [5832]
[702]M / KhC = [583.2]
Exact Saqqara pyramid dimensions



B = √15279.84

15279.84 / 2.62 = 5832, /12 = 486 = 9x54

5832/9 = 648, 648/702 = 18/19.5

C = √21111.84

21111.84 / 3.62 = 5832 /12 = 486 = 9x54

/108 = 19.548/108 = 0.18 x20 = 3.62

23328/9 = 2592

23328/8 = 2916 = 110 x 26.5 = 2915

23328/144000 = aPhi/10

25920/360 = 72

23328/7 = 3332.57

and by/3 → 777.6

Number Harmonics Study
5832

9/5832 = (x), x 7129 = 11, then sq. = 121, NOTE: 702 sq. 5 times = 1.21 x 10^91
11.0015

9/√5832 = (x), x 7129 = 840.160 3 9/√58320 = (x), x 7129 = 265.682
7x120=840 NOTE arctan (.5) = 26.565

9/√583200 = (x) x 7129 = 84.160 3 9/√5832000 = (x), x 7129 = 26.5682

(phixe)^5 / pi = 1.4

→ NOTE: 840.160 / 265.682 = √10 exact

5832/5 = (x), /1.62 = 720 → 5832/5 = (x) /7/6 = 999.77 (1000) | 5832/5 = (x) x 12 = 1400 (1399.68)

√5832/5 = (x), /1.62 = √88.8888 = √8/9

5832/5 = (x) times 7/6 = 1360.8 then / pyramid mile 6084 = √5/10

√58320/5 = (x) /1.62 = sqrt[888 .8888]

5832/5 = (x), x² = 1360488.96 then / pyramid mile 6084 = √50,000

√583200 = (x) /1.62 = sqrt[8888 .888]

√5832/5 = (x), x² = 233.28

√58320/5 = (x), x² = 2332.8

√583200/5 = (x) x² = 23328

√5832000 = (x) /1.62 = sqrt[88888. 88888]

5832/9 = 648 or x²/1.62 = 259200

√5832/9 = (x), x² = 72

√58320/9 = (x), x² = 720

√583200/9 = (x), x² = 7200

Hypercube Tesseract and Ancient Pi and Ancient Sqrt [2] Constants

Summary

Two values were found for **Ancient Hypercube Tesseract Square Root Two:**
The **Ancient Pi** and **Chronos system value = [1 .4142857 142857 142857~]**
Solfeggio **[396] / by Giza** pyramid height **[280] cubits = [1 .4142857~]**

And:

[1 .414 14 14 14 14~] = [840] / by [594]

Then:

[1 .4142857 142857~] times [1 .414141414~] = EXACT Square Root [2]!

Three new Subconstants were studied earlier,
[1 .36363636~], and [2 .4545454545~] and [1 .09090909~],

And EACH has an **Harmonic Codex** value as an alternate constant!:

[1 .3636363636~] ←----------→ [1 .63636363636~],
And:
[1 .63636363636~] divided by [1 .3636363636~] = [1 .2] = [Pi / Phi sq.]
and [1. 2] = [585] Venus synod **/ by [702]** Dresden Codex Mars value**.**

[1 .63636363636~] / by [1 .27272727~] = [x],
then [x] times [378] Saturn synod = [486] = [9 x 54] = [162 x 3]

[1 .90909090909~] / by [1 .636363636~] = [7 / 6]!
[1 .3636363636~] / by [1 .09090909~] = [1 .25]

[1 .63636363636~] times [1 .4142857~] = [x],
then [x] times [378] = [1944] = [36 x 54] and Sqrt [378] = [19.44222~]

[1 .36363636~] / by [2 .45454545~] = [0 .55555~] = [5 /9].
[1 .636363636~] / by [2 .45454545~] = [0 .66666~] = [6/9]
So to sum up these sub constants with **ancient Pi:**
[1 .363636~] x [aPi] = [x], then [x] times [378] Saturn synod = [1620] = 1000[aPhi].

[2 .4545454545~] ←----------→ [2 .54545454545~]
And:
[2 .54545454545~] = [2] x [1 .2727272727~]
And:
[2 .54545454545~] / by [2 .4545454545~] = [1 .037 037 037~]
Then:
[1 .037 037 037~] times [1 .36363636~] = [1 .414 14 14 14~]
or:
[1 .037 037 037~] times [1 .636363636~] = [x],
then **[x]** divided by **[1 .27272727~] = [1 .33333~] = tangent second Giza pyramid.**

[2 .4545454545~] / by [1 .36363636~] = [1 .8]
[2 .4545454545~] / by [1 .09090909~] = [2 .25] = Tessaract [261] / by Mercury [116].
[2 .4545454545~] / by [1 .6363636~] = [1.5]

[2 .545454545~] / by [1 .09090909~] = [2 .33333~],
and:
[2 .333333] times [100aPhi =162] = [378] Saturn synod.

[1 .0909090909~] <----------→ [1 .909090909~]
and:
[1 .909090909~] / by [1 .0909090909~] = [1 .75]
and:
[2 .545454545~] / by [1 .909090909~]=[1 .33333~]= slope tangent of 2nd Giza Pyramid
and:
[1 .909090909~] / by [1 .36363636~] = [1 .4] = { [phi x e] / by Pi }←------!!!
and:
[1 .414285714~] / by [1 .909090909~] = [x],
then [x] times [378] Saturn synod = [280 .0 285714~] = Giza pyr. height in cubits.
And:
[1 .414 14 14 14~] / by [1 .09 09 09 09~] = [x],
then [x] times [378] Saturn synod = [490] = [7 x 70]

[1 .909090909~] / by [1 .27272727~] = [1 .5]

Tessaract **[261] / by Sqrt[a2] = [184 .45454545~] = [x]**
Then, **[x]** divided by the Saqqara and Great Giza pyramid **[51 .8427~]** slope tangent**:**
[x] / by [1 .2727272727~] = [145]
Thus:
Tessaract [261] / by above value [145] = [1.8] =pyramid heights in coming images
or that [145] x [2] = [290] just as: Tessaract [261] / by [9] = [29].

Now continuing:
Tesseract [261] / by [145] = [1.8]←-----Note this value.
Now watch the two Ancient Pi constants I have offered in the last page:
[2 .45454545~] divided by [1 .36363636~] = [1.8], and [18] squared = [324].
[1 .27272727~] times Sqrt [a2] = [1.8]!

Tesseract [261] / by [4.5] = [58]
Tesseract [261] / by [9] = [29], and the inverse of [9] = [0.11111111~]
Thus:
[20] x [1 .414 285714 285714~] = [28 .28 571428 571428~] = Sqrt [800]!
[20] x [1 .414 285714 285714~] = [28 .28 571428 571428~],
therefore by process of the equation **[28 .28 571428 571428~] / by [aPi] = [9].**
AND **[20] divided by [1 .414 285714 285714~] = [1 .414 14 14 14~] = [840 / 594].**

A couple more to finish:

Teotihuacan grid tangent [15 .5] x [1 .27272727~] = [x],
and arc tangent of [x] = [19 .44] degrees
Sqrt of Saturn [378] = [19.4422~]

Also of interest here is that:
Subconstant **[2 .4545454545~] / by [1 .41414141414~] = [x],**
Then [x] times [378] Saturn synod = [656 .1], And [6561] = [9 x9 x9 x9 x9].

The point of reviewing all these constants and subconstants is to show how they inter relate with each other.

[1 .6363636~] / by [2 .4545454~] = [0 .666666~],
and Sqrt[0.666666~] x [3] = Pentad Sqrt [6].

ALL the subconstants work in the polytope number system in some fashion:

Icosa-10-tope [13440] / by [2 .5454545~] = [5280], the Mile in feet**!←------!!!**

Hepteract **[672]** times **[1 .4142857~]=[950.4]←-----→ [9504]**
and using [**9504**],

[**9504**] = **[108] x [88]** Mercury sidereal.
[**9504**] **/ by [aPi]** = **[3024],**
then:
[3024] / by Kemi [1296000] = [0 .000233333~]
or:
Kemi [1296000] / by [3024] = [x],
The [x] times [378] Saturn synod = [1,620,000] = 100,000 times [aPhi]!

Enneract [4032] / by [2 .545454545~] = [1584],
Then:
[1584] / by [1 .414 285714 285714~] = Octeract [1120]

Enneract [5376] x [1 .09090909~] = [x]
Then [x] / by [1 .63636363~] = 3584 = 2 times Enneract [1792],
Then [x] / by [2 .5454545~] = Enneract value [2304]

Inverse of [1 .363636363~] = [0.7333333~]!
[22 / 3] = [7.333333~]

Obviously, I can fill 30 pages with incredible calculations as these were just off the cuff so to say, and certainly shows how the polytope numbers work with the various constants and sunconstants found which correlate the 4D polytopes amongst eachother and into planetary timelines and Egyptian numerologies, or tetrahedral Mars Pentad style planetary numerologies.

.

So to finish with a couple of fantastic pyramids:
I will compare two pyramids:
One will be the **Hyprecube Tesseract Pyramid:**
with ancient Sqrt. Two and the Saqqara pyramid slope tangent [1 .27272727~],
to compare to the following page:
with the perfect Hyperdimensional Pyramid,
with modern Square Root Two,
and ancient Phi = [1 .62],
creating slopes that are EXACT
tetrahedral and Gzia pyramid Side face slopes:

IMPORTANT to note is the height [1.8] in these pyramids:

[2 .45454545~] divided by [1 .36363636~] = [1.8], and [18] squared = [324].

[1 .27272727~] times Sqrt [a2] or [1 .4142857~] = [1.8]

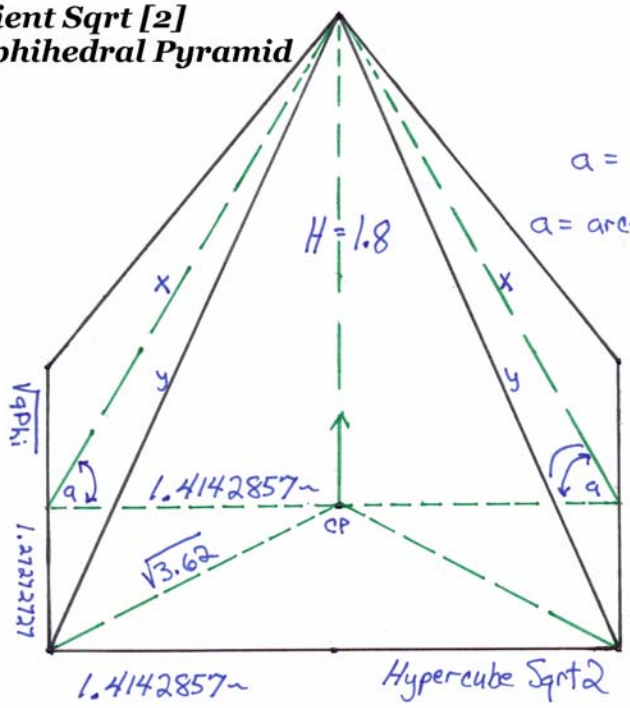
[2 .545454545~] / by [1 .414 14 14 14~] = [1 .8]

Now watch this process:
Constant [1 .909090909~] times [Pi / Phi sq = 1.2] = [2 .2909090909~]
Or:
Constant [1 .909090909~] = [x],
Then [x] times { [702] Dresden Codex / by [585] Venus synod } = [2 .290909090909~]
Then:
[2 .290909090909~] divided by [1 .2727272727~] = [1 .8] and [18] sq. = [324]
and [1.8] is the height of the pyramids below.

Omkulkancoatl Codex [18] / by [19.5] Mars Pentad angles = [648] / by [702]
And
Kemi [12960000] / by [648] = [20,0000]

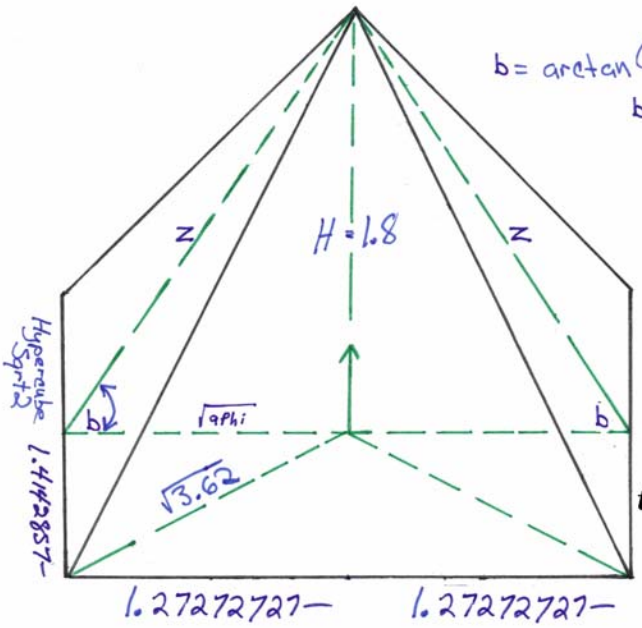
And [648] / by [Pi / Phi sq],
or [648] / by { 702M / 585V }
Both =
[540], the degrees of the pentagon.
Simply:
[648] / [1 .2] = [540]

Hypercube Tessaract
Ancient Sqrt [2]
Tetraphihedral Pyramid



a = arctan (1.8 / 1.4142857~)
a = arctan 1.27272727~
a = **[51 .84~]**
degrees
Great Giza
Pyramid
Slope

1.4142857~



b = arctan (1.8 / 1.27272727~)
b = 1.4142857~
b = Hypercube Sqrt2
b = tetrahedral
54.737

length X = √(2.62 x 2)

√8

angle [b] off exact
tetrahedral by [0 .001378]

[2 .545454545~]

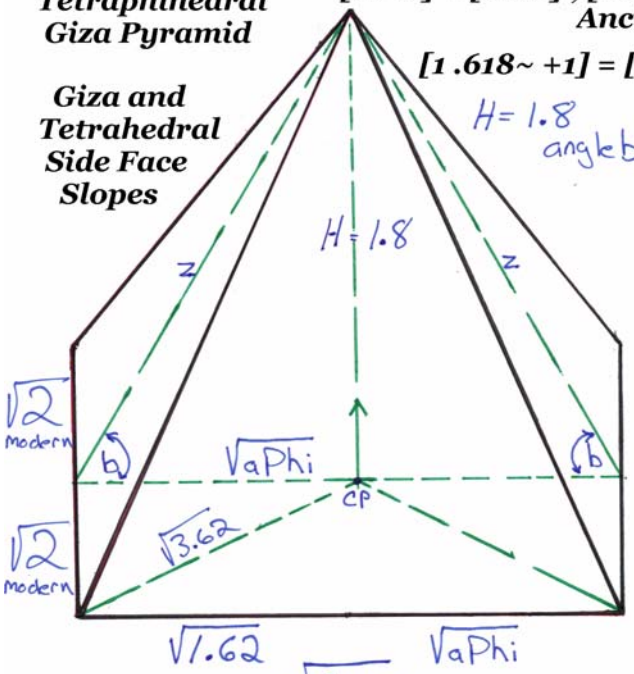
Important here is that the tetrahedral angle is just a hair under perfect,
But in the next pyramid it is EXACT.
The Giza Side Face Slope here,
follows the Saqqara dimensions of arctan [14 / 11] = [1 .27272727~] = [51 .842~]

Tetraphihedral Giza Pyramid

Giza and Tetrahedral Side Face Slopes

[aPhi] = [1 .62] , [1 .62 + 1] = [2 .62], [2 .62 + 1] = [3 .62]
Ancient Phi Progression

[1 .618~ +1] = [2 618~], [2 .618 +1] = [3 .618].



H = 1.8

angle b = arctan 1.8 / √1.62

= EXACT Tetrahedral 54.7356~

√324 = 18

324 = 6 x 54

length z = √4.86

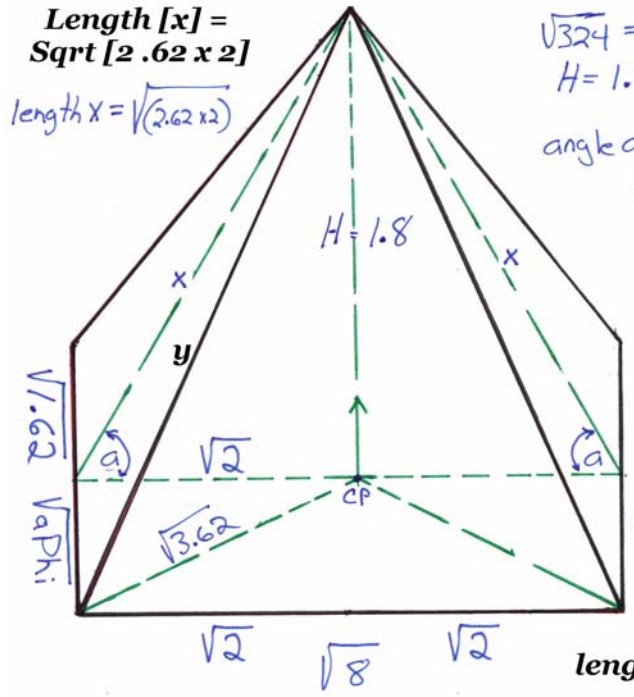
486 = 9 x 54

H = 1.8 / √1.62 = √2 modern

√6.48 **[648] / by [702] = [18 / 19.5]**

= [12] / [13]

648 = 12 x 54



Length [x] = Sqrt [2 .62 x 2]

length x = √(2.62 x 2)

√324 = 18, 324 = 6 x 54

H = 1.8

angle a = arctan 1.8 / √2 modern

= √aPhi = √1.62

= [51 .84~] degrees

√6.48

648 = 12 x 54

y = sqrt [6 .86]

length y = approx. [2 .62]

EXACT tetrahedral angles! EXACT modern sqrt [2]! Exact ancient Phi = [1 .62], And arctangent Sqrt [1.62] = [51 .844~] degrees.
ALL Ancient Phi progression values appear! [1 .62], [2 .62] and [3 .62].

So the above pyramid is the perfect Tetraphihedral Giza Pyramid
With two Side face slopes:
One is perfect tetrahedral [54 .7356~]
And the other is using the astronomical calculative Ancient Phi = [1 .62]

The Egyptian and Meso-American Phi progression appear in pyramid lengths!

These follow the modern Phi progressions:

Phi = [1 .618~]
Then:
[1 .618~ + 1] = Phi squared = [2 .618~] and [2 .618 +1] = [3 .618]
and:
[3 .618~] / by Sqrt [5] = Phi.

Ancient Egyptian, Mayan, and Teotihuacan grids Phi progression:

Ancient Phi = [1 .62]
Then:
[1.62 + 1] = [aPhi] Squared = [2 .62], then [2 .62 + 1] = [3 .62].

{See prior Mars Pentad Time Pyramids Part Two pdf}

CONCLUSION for the Mars perspective:

One needs to keep in perspective that all the work put into the last 1.5 months of extraordinary discovery and analysis proving several ancient Egyptian and Meso- American cosmologies intricately woven into the pyramid mathematics, and all the original research documentation on the Mars Pentad itself, was spawned by a set of five landforms on Mars in Cydonia that exhibit a perfect tetrahedral grid composed of the Square Root Two Rectangle.

NASA geologists or geolo-jesters would like to accommodate military and political based funding parameters for the Moon projects, by relegating the tetrahedral Mars Pentad to random chance geology, and in consequence by such erroneous definition of "Chance", the NASA geology circus continues the NASA charade of avoiding this Cydonia site and the surrounding area with FUNDING for a Mars Rover.

Funding being absconded by defense-energy sector moon base and CEV projects, and military and communications deployed satellite technologies, has taken all the money, at the expense of priority explorative researches to Mars, and other planetary locations or heliospheric phenomena or anomalies.

**Either the Mars Pentad mounds Grid is an artificiality by ancient civilization,
or it is an alien intervention of contact to be recognized,
or an ancient alien site that was utilized.
If not:
The various geometric anomalies known to exist on Mars
can only be a definitive process of geology,
they cannot be relegated to random chance occurrences,
especially when added all together as a volume of evidences.
NASA geology will have to do better than the easiest excuse possible,
using "random" and "chance" as definition.**

**The NASA Circus Of Denials is defined in the Mars water and life there presently.
You can't Collect On Delivery unless you go there,
with proper funding, and with the proper instrumentation installed.**

**The Phoenix mission is a classic example of bad foresight and applied funding.
No core sampler, and immobile, like a thumbtack on the surface of Mars.
Bad cameras, bad life detection systems, lack of foresight in soil conditions.**

**You bet! They do a great job getting us there,
magnificently as a matter of fact, but just imagine if all those geologists,
biologists, and general scientists had more funding to operate with on Mars,
without a leash on research venues and results,
so as to create their corporate infrastructure around the eventual colonization,
then they could get some true answers now,
and a real good place to start is the Cydonia site for all venues of Mars
investigatory possibilities, to include soil water, life, and material resources, etc.**

Quantum Space Time Fractal Harmonic Codex and MARS:

Mars Sidereal [687] ←----------→ [786], {the reverse number}

[687] / by [786] = [0 .874045802],

[0 .874045802] x [Phi] = Square Root Two

**The Mars Pentad Grid landforms created by the 5 mounds
display the 2 stacked Square Root Two rectangles
from the mounds definitive positions as a tetrahedral Pentad,
in a 2 by square root [8] grid,
and [2] x Sqrt [2] = Sqrt [8].**

CONCLUSION of the Hypercube Tesseract Cosmologies

Several constants spiral through the Tesseract Polytope Chart in the image provided previously, and the most fundamental ruling number is the [9].

Tesseract [261] / by [9] = [29], and the inverse of [9] = [0.11111111~]

[20] x [1 .414 285714 285714~] = [28 .28 571428 571428~],
[20] x [1 .414 285714 285714~] = [28 .28 571428 571428~] = Sqrt [800]!
therefore by process of the above equation:
[28 .28 571428 571428~] / by Ancient [Pi] = [9],
and thus,
the two ancient values
for Sqrt [2]:
[1 .414 285714 285714~] times [1 .41414141414~] = Exact [2]
just as:
[28 .28 571428 571428~] times [28 .2828282828~] = Sqrt [800] Exact.

[9] / by Ancient Sqrt[2] or [1.414 285714 285714~] = [6 .36363636~]
then:
[6 .36363636~] / by [1 .63 63 63 63 63~] = [3 .888888~]
[6 .36363636~] / by [1 .36 36 36 36 36~] = [4 .666666~]
and:
[3 .888888~] / by [4 .666666~] = [0 .833333~],
[585] Venus synod / by [702] Mayan Dresden Codex = [0 .8333333~] = [Phi sq. / Pi].
With **[702] the Mayan Dresden Codex** astronomical calculative value**.**
Thus simply: [1 .36 36 36 36 36~] / by [1 .63 63 63 63 63~] = [0 .8333333~]!

ALL the constants with the replicating decimal endings that are featured follow the Ancient Square Root Two equation:
[99] / by [70] = [1 .414 285714 285714~] = Ancient and Hypercube Tesseract Sqrt [2]

[70 / 99] = [0 .70707070707~]

[36 / 99] = [0 .3636363636~]

[63 / 99] = [0 .6363636363~], and [63] x [13]= Mayan [819], and [540 / 378] = [90 / 63]

[45 / 99] = [0 .4545454545~], thus [54 / 99] = [0 .5454545454~]

[09 / 99] = [0 .0909090909~], thus [90 / 99] = [0.90909090909~]
Mayan Dresden Codex [702] / by [99] = [7 .09090909~]
Venus synod [585] / by [99] = [5 .0909090909~]

[27 / 99] = [0 .2727272727~], and thus [72 / 99] = [0 .7272727272]

Mars [780] / [99] = [7 .87878787878~]

Jupiter sidereal [4333 .33333~] / by [99] = [x],
then [x] divided by Khufu Constant [1 .203 703 703 703~] = [36 .36 36 36 36 36~]
Then:
[36 .36 36 36 36 36~] x [99] = [3600]
and:
[3600] squared = Kemi [1296000]!

The Khufu constant above is [195 / 162].

Ancient Phi = [1 .62] or [162]:

[162] / by [99] = [1 .63 63 63 63 63~]
then:
[1 .63636363636~] / by [1 .3636363636~] = [1.2] = [Pi / Phi sq.]
and
[1 .2] = Dresden Codex [702] / by [585]Venus synod in Mars Pentad calendar count.

Three digit sequences follow suit:
[702] / by [999] = [0 .702 702 702~]

It can also get unusual:

[26 .4545454545~] x [26 . 5454545454~] = [702 .22479336]
and:
Sqrt of [702 .22479336] = [26 .4999~] = [26 .5],
And [26 .5]
Is your Mars Pentad connection as the [26 .5] degree angle.

All the numbers thus also work with [99] , [66] , [33]
in a series of quotients and products similarly.

[33] / [66] / [99] = [0 .0050505~] and the inverse = [198] = Solfeggio [396] / by 2

[77] / [88] / [99] = [x], then the inverse of [x]= [y],
then [y] times [378] = [42768] = [pentagonal 108 x Solfeggio 396].
Or simply:
[11] times [9] = [99]
[11] x Tesseract [261] = [2871],
[2871] / by [99] = [29] = Tesseract [261] / by [9], showing the dominance of the [9].
[2871] is a harmonic codex of Mayan Long Count[1872000] , and Pascal [1287].

**One can divide any integer into [3, 6, 9] or [33, 66, 99],
or [333, 666, 999] predominantly,
or any of the series of 1-9 times [11], i.e.[44 , 444 , 55 , 555 , 77 , 777, etc] .
and this Harmonic Codex of replicating decimals dominates as a spiraling
vortex of mathematical functions which relate into the Tesseract system [9].**

**An odd example is [5 / 666] = [0 .00 750 750 750~]
Or [6 / 666] = [0 .009 009 009~], and that inverse = [111]**

**One can get elaborate:
[13 / 666] = [0 .0195 195 195~]**

**One can off into endless random numbers:
[4163 / 999] = [4 .167 167 167~]**

It is a very interesting decimal system.

**PASCAL's TRIANGLE:
The Constant [1 .27272727~] flows through various number groups
of Pascal's Triangle.**

**Easiest of course would be Pascal triangle [330]
[330] x [1 .27272727~] = [420] = [6 x 70]
[330] x [2 .45454545~] = [810] = [9 x 90]
[330] x [1 .36363636~] = [450]**

**Pascal's triangle [6435] x [1 .27272727~] = [8190] = 10 times Mayan [819] count
[819] = [13] x [63]
[99] / [63] = [1 .57142857~]= [aPi / 2]
and:
[1 .57142857~] times [378] Saturn synod = [540] pentagon degrees.**

**Pascal's [1820] / by [2 .54545454545~] = Pascal value [715]
And:
[2 .545454545~] = [2] x [1 .2727272727~], which = the Giza slope tangent.
and
[1820] = [5 x Pascal 364] and [7 x 260 Tzolkin]**

For a short finish to this on Pascal's triangle which will be analyzed in the next pdf:

**Pascal number [3432] x [1 .27272727~] = Pascal number [4368],
Then:
[4368] / by [378] Saturn synod = [11 .5555555~]
And:
Mayan Long Count [1872000] divide by [11 .55555~] = [162,000] = 10,000 x [aPhi]!**

So to wrap it all up,
There are only [9] numbers in the universe,
and they are [1, 2, 3, 4, 5, 6, 7 ,8 and 9]

Because:
[10] = [1],
and thus the decimal variation system works.

The Tesseract Four Dimensional Polytope system
being fundamentally subserviant to the [9] as earlier shown also validates this point that the [9] numbers of the universe,
hold the [9] supreme,
just as the Meso-American and Egyptian Calendar Count numbers do.

If someone were to ask me to sum up all the work I have done on Mars Pentad tetrahedral pyramid math, or pentagonal systems of Phi,
or all the Egytptian and Mayan cosmologies,
in thousands of pages of calculations,
and a hundreds of thousands of calculations into ONE sentence,
I would have to say,
It all adds up to [9].

Try this with 9:

[9 / 8/ 7 /6 /5 /4 /3 /2 /1] = [x] = the inverse of [4480]
[448] is a polytope number
Watch every single result of [x], and then take the inverse of [x].
Many of the inverse numbers use the form of square root two discovered as:
[840 / 594] = [1 .414 14 14 14 14~]!
Once [7] is reached in the division process this value kicks in:

I will do one equation completely at [5]:

[9 /8 /7 /6 /5] = [0 .05357143] = [x],
then:
take the inverse of [x] = [186 .66666~],
Thus: [186 .66666~] / by [1 .414141414~] = [132] = [2 x 66],
and:
[132] = Solfeggio [528] / by [4], and Solfeggio [396] / [3],
and:
[132] x [9] = [1188] = the Saturn synod [378 x [aPi] exact.

At [5], you get inverse of [x] = [186 .666666~]
Icosa-10-tope value [13440] / by [186 .66666~] = [72]!
Icosa-10-tope value [3360] / by [186 .66666~] = [18]!

One can divide [186 .6666~] effectively into almost every number on the Tessearct polytope chart, with the exception of a very few, which you just multiply by the Saturn [378] synod to adjust.

I will supply a very few as evidence:
Hepteract [672] / by [186 .66666~] = [3 .6] or the [360] sequence.

Hepteract [672] / by [1 .414 141414~] = [475 .2],
and [4752] = [54 x 88 Mercury sidereal]

Enneract [4032] / by [186 .66666~] = [21 .6] -----→ Egyptian value [216] = [4 x 54].

Enneract [4032] / by [1 .414 1414~] = [2851 .2] -----→ [28512] = [54 x Solfeggio 528]

NOW!
Enneract [4032] / by [1 .414 285714 285714~] = [2850 .909090909~]
Then:
[2850 .909090909~] / by [1 .2727272727~] = [2240] exact = [0 .6666666~] x [3360],
and [3360] is an icosa-10-tope value,
and:
[2240] = [5] x Octeract value [448], and:
[2240] = one half of :
[9 / 8/ 7 /6 /5 /4 /3 /2 /1] = [x] = the inverse of [4480]

And for one of the polytope values that didn't work immediately!
Octeract value [256] = [16] sq.
[256] / by [186 .66666~] = [1 .3 714285 714285~] = [x]
then:
[x] times [378] saturn synod = [518 .4] -----→ [5184] = [72] squared,
and [51 .84~] is the slope of Great Giza pyramid!

[256] / by [1 .414141414~] = [181 .0285714 285714~] = [x],
then:
[x] times [7] = [1267 .2] -------→ [12672] = [144 x Mercury sidereal 88]
or:
[x] times [378] Saturn synod = [68428 .8] ----→ [684288] = [144 x 88 x 54]

At [4], you get the inverse of [x] = [746 .66666~],
then [746 .66666~], / by [1 .41414141414~] = [528] Solfeggio.
You can repeat the same operations again,
within the Polytope number graph with [746 .66666~]:

Icosa-10-tope [15360] / by [746 .666666~] = [20 .571428 571428~] = [x],
Then:
[x] x [7] = [144] , or [x] x [378] = [7776] = [114 x 54]

Looking at above value achieved of [746 .66666~] with:
Icosa -10-tope value [13440]:
Icosa -10-tope value [13440] / by [1 .414 285714 285714~] = [9503 .030303~] = [x]
Then:
[x] / by [1 .27272727~] = [7466 .66666~] or 10 times above [746 .66666~]

At [6], you get inverse of [x] = [37 .33333~]
Icosa-10-tope value [13440] / by [37 .33333~] = [360]!

[37 .33333~] / by [1 .414 14141414~] = [26 .4],
Then:
[26 .4] x [20] = [528[Solfeggio frequency.
And:
Solfeggio [528] x [9] = [4752],
Then:
[4752] / by Ancient Sqrt[2] as [1 .414 285714 285714~] = [3360],
and [3360] is an Icosa-10-tope value,
not to mention that [336] as an important symmetry value in E8.

This also works for Solfeggio [396]
[396] x [9] = [3564] = [22 x 162] where [162] = 100[aPhi].
Then:
[3564] / by [1 .4142857~] = [2520] and [252] is a central Pascal value,

[2520] / by [88] Mercury = [x], then [x] / by [1 .36363636~] = [21]
[2520] x [780] Mars synod = [x], then / by [585] Venus synod = [3360],
and [3360] is the Icosa-10-tope value.

This is an amazing system of Tesseract polytope numbers that work directly with both values of Ancient Square Root Two!
OR, is this far beyond ancient?
All this emanates from the Fourth Dimensional Hypercube Tesseract, and the evolved polytopes thereof.
Thus the two values of "Ancient" Square Root Two, and Ancient Pyramid Pi, that are evidenced in the Egyptian system,
must be Eternal Constructs of Fourth Dimensional and higher geometries.
Now you know why the Great Pyramid of Giza was built,
why all the pyramids on Earth were built as Time Pyramids,
as expressions of Sacred Geometry,
because the planetary timelines spiral and cycle with the square roots, and the various universal constants right into multi dimensional realms.
Fourth Dimensional mathematical constructs also are functions of the Quantum Space Time Fractal Harmonic Codex.
Ancient Pyramid Pi is also 4D Hypercube Tesseract and evolved polytopes Pi.
The two ancient Square Root Two's are 4D Hypercube and polytopes Sqrt[2].
Modern square Root [2] is a 3D value that is beautiful, but it has company!

If you take:
9 x8 x7 x6 x5 x4 x3 x2 x 1 = [362880]
WATCH each multiplication to equal an important Egyptian calculative value.

9 x8 x7 x6 x5 x4 x3 x2 x 1 = [362880]
[362880] / by Icosa-10-tope [3360] = [108] pentagon angle degrees.
[362880] / by Icosa-10-tope [13440] = [27] = [54 / 2]
[362880] / by [162] = [2240] = [0.66666~ x 3360]

[362880] / by [1 .414141414~] = [256608]
then:
[256608] = Solfeggio[528] x [486], and [486] = [9 x 54]
[256608] = Solfeggio [396] x [648]
and
[648] x [9] = [5832], {see earlier [5832] pyramid}.
[648] / [9] = [72]
and [72] squared = [5184],
and we are back home with the Slope of the Great Giza Pyramid = [51 .84~] degrees.

Somewhere this has to end,
So I think it was Tesla that said that whoever deciphered the [3, 6 , 9] would unravel the mysteries of the universe.

Here is my simplicity of that summated from all the past work:

[3 / 6 / 9] = [0 .05555555~] with the inverse = [18]
Using modern Sqrt [2] below:
The [0 .0555555~] as Square Root [0 .0555555~] is a fundamental building block of the Mars Pentad grid:
Sqrt [0 .05555555~] times Sqrt [2] = [0 .3333333~] = sine tetrahedral [19 .47122061]

Now use just: [0 .055555~] times modern Sqrt [2] = [x],
and then the inverse of [x] = [12 .72792219],
then: [12 .72792219] divide by Sqrt [aPhi] or Sqrt [1 .62]= [10]!←-----!!!

[3 + 6 + 9] = [18], thus [18] itself as [1 + 8] = [9], and [3- 6 - 9] = [12].

[3 x 6 x 9] = [162] = Ancient Phi without the decimal,

[162] / by [aPi] = [x],
then [x] / by [2 .54545454~] = [20 .25], and [20.25 x 24] = [486] = [9 x 54]
where:
[2 .5454545454~] = [2] x [1 .2727272727~], ps: above value as [2025] = [45 sq.]

[162] / by Ancient Sqrt [2] as [1 .414 285714 285714~] = [114 .545454545~] = [x]
then [x] / by [1 .2727272727~] = [90]

The Tesseract Polytope System flows with two 4D square roots:

[1 .414 14141414~] times [1 .414 285714 285714] = [2] Exact.

Ancient Pi = [22 / 7] = [3 .142857 142857~]

[1 .414 141414~] times [3 .142857 142857~] = [4 .44444444~] = [40 / 9]

Tzolkin [260] times [4 .444444~] = [1155 .555555~],
Thus:
Mayan Long Count [1872000] / by [1155 .5555~] = [1620] = [aPhi] x [1000].

The Final Equation:

You can take ANY number in the Tesseract Polytope system from the diagram
and apply this equation process to that number,
and you will either get an important number
from within the Egyptian mathematical pyramid and calendar system,
or another polytope number in the diagram!

Number [x] / by [1 .414 14141414~] = [y],
Then:
[y] / by [1 .414 285714 285714~] = Harmonic Code Egyptian numeric value.

Use Icosa-10-tope [15360] = [x]:

[x] = [15360], then / by = [1 .414 14141414~] = [1086 .71429] = [y],
then:
[y] / by [1 .414 285714 285714~] = [7680] = [15360 / 2]

In other words you always get [1/2] the original [x].

Egyptian Kemi value [12960000] / by [1 .414 141414~] = [y]
Then
[y] / by [1 .414 285714~] = [6480000], then x [2] = the Kemi.

Mayan Long Count [1872000] / by [1 .414 141414~] = [y],
Then:
[y] / by [1 .414 285714~] = [936,000], then x [2] = MLC.

Sine of Tetrahedral [19 .47122061] = [0 .33333333~]
[0 .33333333~] / by [1 .414 1414141414~] = [y],
then
[y] / by [1 .414 285714~] = [0 .166666~], then x [2] = [0 .333333~]

Cheers for the Fourth Dimension! {C} Vic Showell Dec 29 2008.

PS you can take every value of [1 .414 285714 285714~],
And replace any integer in front of the decimal sequence,
OR other constants!
And get results:

Use Icosa-10-tope [15360] / by [2 .909090909~] = [5280] mile.

[3545 . 45 45 45 45 45~] x [528] Solfeggio = [1872000] MLC

[5280] x [702 M / 585V] = [6336]
then:
MLC [1872000] / by [6336] = [295 .45 45 45 45~]
Then:
[295 .45 45 45 45~] divide by [20 .45 45 45 45 45~] = [14 .4444444~]
and:
[260] Tzolkin divided by [14 .4444444~] = [18]

[1 .7 142857 142857 142857~] / by [aPi] = [0 .54 54 54 54~] = [54 / 99]

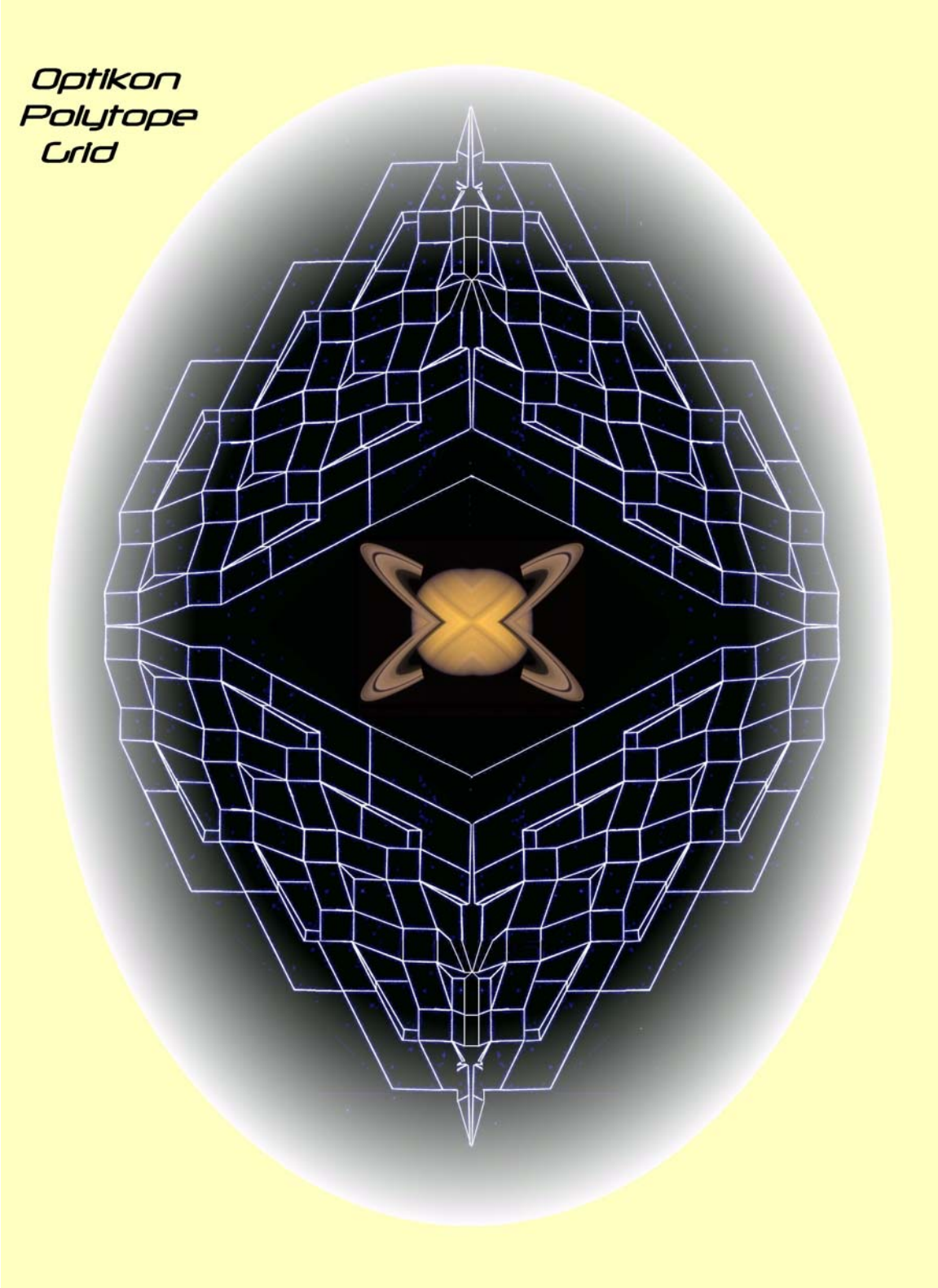
[1 .8 142857 142857 142857~] / by [aPi] = tangent [30] degrees!!!
Thus:
[aPi] / [1 .8 142857 142857~] = Sqrt [3]

[1 . 7 142857 142857~] x Giza pyramid base in feet [756] = [1296]= [24 x54]

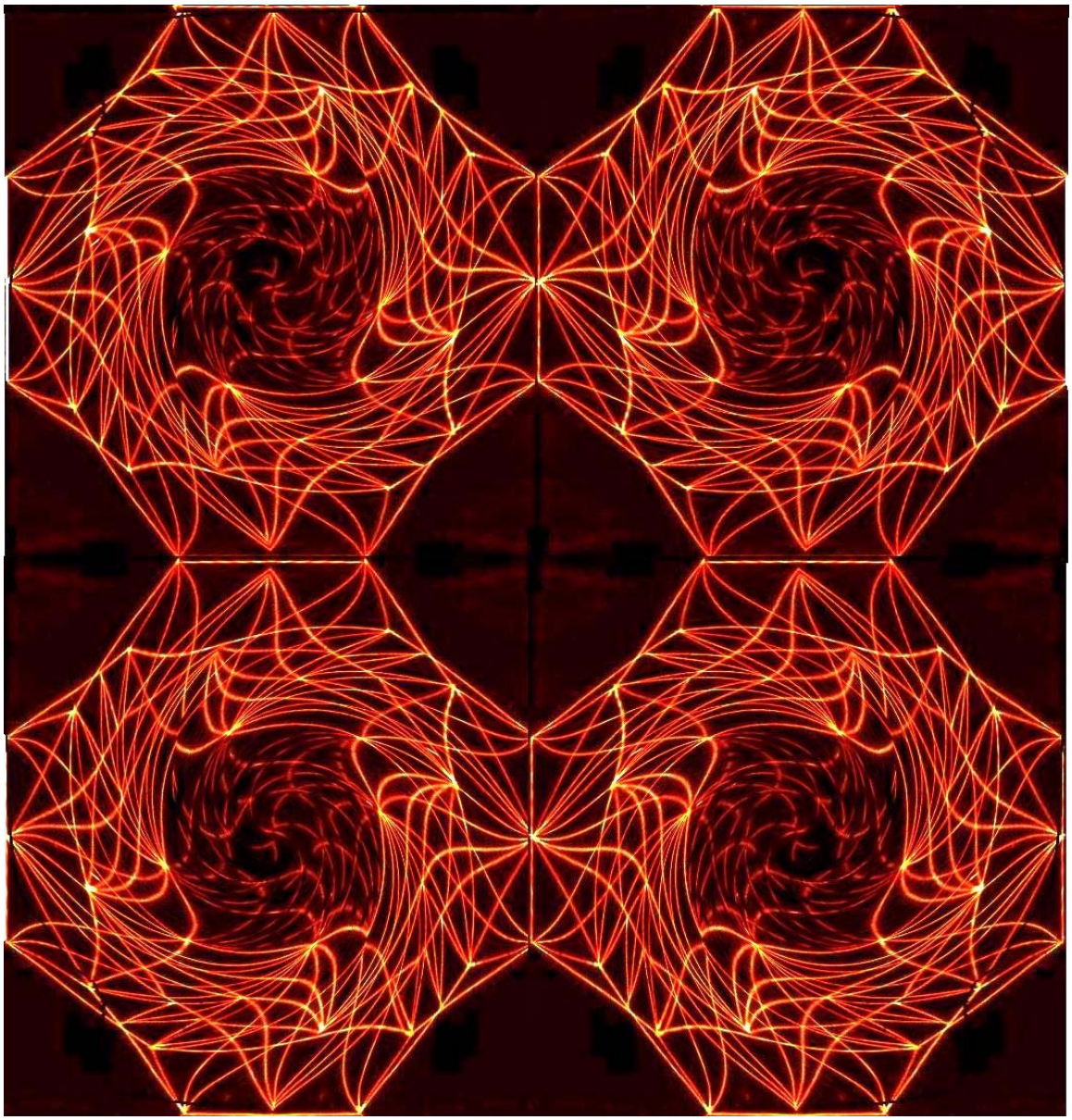
Hepteract [672] / by [1 .9 142857 142857~] = [351 .044~] = [dresden Codex 702 / 2]

Mars Pentad tertahedral style [702] Dresden Codex / [585] Venus synod = [1.2]
And]Pi / Phisq.] = [1.2]
So:
Mile [5280] x [1.2] = [6336],
Then:
Kemi [12960000] / by [6336] = [2045 .45 45 45 45 45~] = [x]
Then:
[x] / by [2454 .54 54 54 54 54~] = [0 .83333333~] = [585]V / [702]M = [Phi sq. / Pi]

MLC [1872000] / by [KhC] = [1555200] exact,…….. [KhC] = [195 / 162]
[1555200] = [54] x [28800]
and [288] = [2 x 144]



30240 / 583 .2 = 51 .85185185



[1.4] = [Phi x e], then / by [Pi], so then **[1 .4] x Tesseract [261] = [365 .4] see pyramid.**