The Code Behind the Maya Long Count
Part II

By

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With this article I want to express my gratitude to **Charles William Johnson** whose wide range of studies in ancient arts has inspired and supported my research. Together with Patrizia Norreli-Bachelet I consider Charles William Johnson a candidate for the Nobel Peace prize.

Charles has written a case study about the significance of the synodic Venus period **583.890411 days** as quoted in my article **The Code behind the Long Count**. He has mainly restricted his study to the significance of the **mantissa .890411,** although he has also mentioned the product of the numbers in the period, which equals 34 560 (5x8x3x8x9x4), and how they relate to the Maya figures. Charles has discovered new connections which he will take up in his review of this essay.

Let me add a few things which I also believe to be of symbolic significance. The sum of the figures involved equals **39** which is a number that we can also find in **3 9**00 000 days. This is the hypotenuse of **the Maya triangle** that has the proportions 3:4:5. The perimeter of the triangel is **9 360 000** days which is **the period of the 5th Sun**. There are **39 books** in the Old **Testament**. The sum of all the figures from 1 - 39 = **780**, expressed in days, equals **three Tzolkin** which equal one synodic period of **Mars** to 99.99%. If we divide the product **34 560** by **40** we get **864**. If we multiply **34 560** by **40** we get **1 382 400** which in days equals **2 368** synodic periods of Venus counted as **21 600 days / 37**. This count I call **the Maya generation count** because three generations equal sixty Tun. **34 560 days** also allow for **1 170** "synodic months" counted as 384 days / 13. **1 170** days is also a significant figure in the Long Count. Sixty Tun, **21 600** days, are connected to **Venus** and **Jupiter** as I have shown in my first essay. This **time period** equals 731 "**synodic months**" to 99.94%. If we use 29.6 days for a "synodic month" this results in the figure 729.729729729. I will at a later stage prove the symbolic significance of the figures **729** and **729.729729729**.

The figure **1 382 400 days** corresponds to the Pythagorean triangle with the sides 129 600, 172 800 and 216 000 days. The **perimeter** of the triangle is **518 400** days. If we add a **square** to the side 216 000 days we get a construction that has the perimeter of 518 400 days plus 864 000 days, which gives a total perimeter of **1 382 400 days**. When we use **the generation count**, which simplifies geometrical constructions, then **1 382 400** days equal **2 368** synodic periods of Venus. The **perimeter** of this construction also corresponds to **46 800 lunations** according to the count **384 days/13**. The Maya ruler **Kukulkán** is associated with 819 819 days and **1 404** synodic periods of Venus. **Jesus-Christ** can in a similar way be equated with **864 000** days. This equals **1 480** synodic periods of Venus according to the generation count.

1. **2 368** x **21 600 days / 37** = **1 382 400 days** 2. **2 368** x 365days = **1 480** x **584** days

According to **Greek gematria,** the **Greek letter value** of **Jesus** equals **888.** The letter value for Christ equals **1 480**. **Jesus-Christ** carries the letter value **2 368**. In ancient time the Greek

letter values for the "gods" **Mithras** and **Abraxas** add up to 365 and are a reference to the 365 whole days of the year. I have found that the letter value of the **three Holy names** can stand for both **days** and **years** according to the wisdom of the **Bible**, "one day is like a year." The year is equated with 365 days. The Holy names in Greek are also connected to **light** and **life** and **peace**. As there are hints in the **Revelations** about the Morning Star and **Jesus**, I have made a comparison of the Holy names and the synodic and the sideric orbits of Venus which are illustrated in the following equations:

3 x 296 = **888** Haab = 555 synodic. periods of Venus of 584 = 1 442. 450487sideric orbits of V.
5 x 296 = **1480** Haab = 925 " " " = 2 404. 084144 " "
8 x 296 = **2 368** Haab = **1 480** " " " = 3 846. 534631 " "
16 x 296 = **4 736** Haab = 2 960 x 21 600 days/37 7 693. 069262 " of 224.7009537 days
2 960 x 584 days = 4 736 Haab = 4 736 Haab

(12 x 296 = **3 552 Haab** = 2 220 synod. periods of Venus of 584 d. = 5 769.801946 **sideric orbits of Venus**.)

If we sum up the **Greek** letter values for the names Jesus, Christ and Jesus-Christ and let them stand for **Haab,** we get **4 736** Haab thereby **doubling** the letter value for Jesus-Christ. I believe that by doubling the letter values "**the daughter"** as well as "**the son"** is made visible. The double values **4 736** days respectively **4 736 Haab** have of course been implicitly in the "**Son of Man**" all the time. The "twin aspect" of Christ as well as the ”ideal” diameter of the Sun (864 000 statute miles) become comprehensive in our time. The Maya Long Count is arrived at by doubling 936 000 days. This figure is considered to be harmonic by the Maya.

My conclusion is that the **Greek** letter values for the "three" names **counted as Haab** can be connected with the Long Count by using a **Venus quotient**. The Maya had several ways of calculating the synodic periods of Venus. Using whole days they could use **584** days but also use **21 600 days / 37**. With multiples of **37** no decimals are necessary. The quotient for these two ways of calculating can be written as:

3. $\frac{\text{21 600 days/ 37}}{\text{584}} = \frac{\text{21 600 days}}{\text{21 608 days}} = \frac{\text{2 700}}{\text{2 701}}$ I call this the **Venus quotient**.

By turning the letter values into Haab and using the **Venus quotient** as a factor we get, for Jesus-Christ (**2 368**), the following equation:

4. $\frac{\text{2 368 days x 365 x 2 700}}{\text{2 701}} = \textbf{864 000}$ days

By using **21 600 days/ 37** for a synodic period of Venus, we get the same result in days with **1 480** synodic periods of Venus.

5. $\frac{\textbf{1 480 x 21 600 days}}{\text{37}} =$ 864 000 days **1 480** is the Greek letter value for Christ.

21 600 days represent **three** Maya generations. The calculation **21 600 days/ 37** for a synodic period of Venus has, in my view, a greater spiritual significance than using **584 days** for a period. **1 872 000** days represent **260 Maya generations** of 7 200 days. Of spiritual significance is also the fact that the **ideal** diameter of the Sun is about **864 000** statute miles. The ideal diameter represents a figure that is **400** times bigger than the diameter of the **Moon** which is **2 160** statute miles. **Ten** 24-hour-days make 864 000 seconds. On one level the Sun´s mass (diameter) also co-defines the orbit of Earth. The Sun may also have contributed

to the rotational impulse of the Earth. If we look at the **three** Holy names, we get the total number of days they represent when counted in Haab.

6. Jesus represents $\frac{\textbf{888}\text{ Haab x }\textbf{2 700}}{\textbf{2 701}}$ = **324 000 days** = 900 **Tun** = **555** synodic periods of **Venus.**

7. Christ " $\frac{\textbf{1 480}\text{ Haab x }\textbf{2 700}}{\textbf{2 701}}$ = **540 000 days** = 1 500 **Tun** = **925** synodic periods of **Venus.**

8. Jesus-Christ " $\frac{\textbf{2 368}\text{ Haab x }\textbf{2 700}}{\textbf{2 701}}$ = **864 000 days** = 2 400 **Tun** = **1 480** synodic periods of **Venus.**

The sum total for the three names expressed in days is **1 728 000 days** or 4 800 Tun that correspond to **4 800 biblical years**. With the Greek letter value of **Jesus-Christ** doubled, and expressed in **Haab,** we get the Long Count provided we use the **Venus quotient** and the quotient **26/ 24** as factors in the equation. I have chosen the ratio 26/24 because the Maya figures 936 000 / 864 000 days and 1 872 000 / 1 728 000 days are significant intervals in the Long Count. New research has shown parallels between the **Gospel** and **Sanskrit** scriptures.

9. $\frac{\textbf{4 736}\text{ x Haab x }\textbf{26}\text{ x }\textbf{2 700}}{\textbf{24}\text{ x }\textbf{2 701}}$ = **1 872 000 days =** 2 x 936 000 days = 13 x 144 000 days.

I will later on in the text show how 1 872 000 days can be arrived at in other ways. **2 960** synodic periods of **Venus,** counted as 21 600 days / 37 for a period**,** amount to 1 728 000 days or 12 x 144 000 days. This time dimension equals **240 Maya generations**. The cube of 120 has **1 728 000** cubic units. 1 728 000 statute miles is twice the **ideal diameter** of the Sun.
1 728 000 seconds equal 20 days of 24-hours. Twenty is the base of the Maya counting system. 1 728 000 days can be calculated as:

10. $\frac{2\,960\text{ x }\textbf{21 600}\text{ days}}{\textbf{37}}$ = 1 728 000 days

11. (2 960 x **584** days = 1 728 640 days)

12. 1 728 000 days can also be calculated with **584** days for a synodic period of Venus.

13. $\frac{\textbf{584}\text{ days x }\textbf{1 08}0\,000\text{ days}}{365\text{ days}}$ = 1 728 000 days which equal 4 800 Tun.

On one level **1 728 000** and **864 000** refer to **days.** We can, however, recognize today that these two figures, slightly rounded off, expressed in statute **miles** represent **"the cross"** of the **physical Sun disc** and the diameter of the Sun. The figures **1 872 000** and **936 000**, however, point to a "higher" dimension than the physical sun. We can make an "analogy" with the Greek letter values of **Hermes** and **Helios**. If a circle has the circumference **353** units (Hermes), then the perimeter of a square inscribed int the circle will measure **318** units. **318** is the numerical Greek value for Helios. In antiquity Hermes was regarded as the higher aspect of Helios (the Sun). The quotient 26/ 24 can be taken as a symbolic relationship between "Father and Son". I will, at a later stage, show how the Greek **ratio** 353/318 can be expressed more exactly with the Maya figures. Helios (318) is approximately $9/10^{th}$ of Hermes. (353)

The Hebrew name **JHVH** is said to have the letter value **26** and may thus stand for "Father." According to the Bible **26 days** can stand for 26 years and 26 years can stand for 26 000 years. On a Maya level **26 000 Tun** represent **the period of the fifth Sun** which lasts for

9 360 000 days. The Maya Long Count is **one fifth** of this time dimenson. I believe I have solved the Maya riddle of 1 872 000 days by making use of their four main time-cycles 260, 360, 365 and 365.242 days. The Maya didn´t use decimals. I use them to simplify the equations.

14. $\frac{260 \times 360 \times 365 \times 365.2420 \text{ days}}{1\,872\,000} = 6\,665.6665$

The Maya astronomers found:

15. $\frac{26\,662\,666 \text{ days}}{365.242} = 73\,000 \text{ days}$

16. $\frac{66\,656\,665 \text{ days}}{365.242} = 182\,500 \text{ days}$

The four time cycles multiplied and divided by 10 000 x 6665. 6665 days lead to:

17. $\frac{260 \times 360 \times 365 \times 3652420 \text{ days}}{66\,656\,665} =$ **1 872 000 days** = 7 200 Tzolkin.

18. When we multiply the prime numbers 5 x 31 x 43 x 73 x 137 we get **66 656 665.** If we divide the product of the four cycles with the significant "twin divisor" 1333 1333 we get:

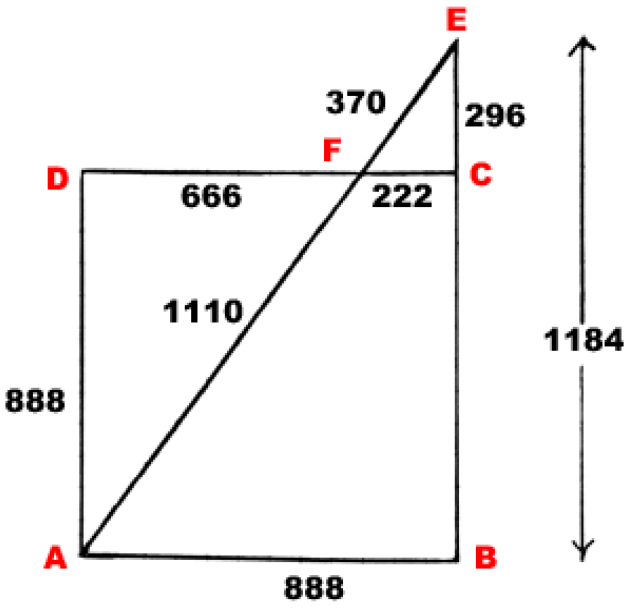
19. $\frac{260 \times 360 \times 365 \times 3652420 \text{ days}}{13\,331\,333} =$ **9 360 000 days** = the period of **the 5th Sun**.

I believe that the the figure **1 333** days stands for 365 + **584** + **384** days, representing one Haab, one synodic Venus and 13 synodic months counted as 384 days. We also notice that 1 333 x 5 005 = 66 656 665= 10001 x 6 665. In ancient times **1 332** synodic periods of Venus, **777 600** days, were equated with the **box, 888** days x 876**,** that can be inscribed into a circle of **864 000** days.

By using 1 333 000 as the divisor for the cycles we get the "twin figures" 9360 9360.

20. $\frac{260 \times 360 \times 365 \times 3652420 \text{ days}}{1\,333\,000} =$ **93 609 360** days = 360 036 Tzolkin.

The Maya astronomers knew, of course, that the count, **1 872 000** days, allows for the construction of the Pythagorean triangle with the sides measuring 468 000, 624 000 and 780 000 days. I will discuss this 3:4:5 triangle which I call **The Maya Triangle** in another essay. On page 5 I have constructed a **square/triangle** which I call **The Greek Triangle** in my work. The triangle has the sides **888**, 1 184 and 1 480 days. I have combined this triangle with a **square** that has the same circumference, **3 552 days**, as the triangle. I consider this to be an ancient Greek construction that contains the letter value for Jesus, **888**, and **Christ, 1 480**, which is the hypotenuse AE. The **harmonic mean** for the two values is **1 110** which is the line AF. 1 110 is the **Greek** letter value for "**The Microcosm**". On page **seven** I show how the main figures of the construction 888 days, 1 184 days and 1 480 days and the perimeter of the construction, 3 552 days, is connected to a synodic period of Venus of **583.890411** days.



The line BE equals **1 184** days which corresponds to the **Greek** letter value, 1 184, for **Amun - Ra** who is a pre-Christian solar deity. The figures in the construction can represent days as well as years according to the biblical "**a day is like a year**." The perimeter of the three triangles **plus** the square equals **10 656 days.** This value expressed in **Haab**, the 365 day-year, corresponds to **3 889 440** days, which equal **6 660** synodic periods of Venus of **584** days.
10 656 tropical years of the Maya equal **3 892 018.752** days which equal **6 665.6665** synodic periods of Venus counted as **583.890411** days. **3 892 018.752** days also equal **17 321** sidereal **orbits** of **Venus** to 99.999 % when counted as 224.7009537 days per orbit. **Equation 34** on page 7 can well explain why also the Maya chose **583.890411** days for a synodic period of Venus.

10 656 days equal 360 "synodic months" of **29.6** days. This is a value that allows geometrical construction compared to the more exact figure**, 29.53059** days, for a synodic month. If we use **384 days** for **13** "synodic months" we get a value that equals the correct value to 99.97%. The geometrical construction thus mirrors, slightly rounded off, the synodic values for the **Moon** and **Venus**. **6 660** synodic periods of Venus counted as **584** days can also be placed in a Pythagorean triangle having the sides **1 665**, **2 220** and **2 775** synodic periods of Venus. This Venus triangle corresponds to **a time triangle** with the sides **2 664**, **3 552** and **4 440** Haab having a total perimeter of **10 656** Haab.

The **area** of the **square** relates to the **big triangle** as 788 544 / 525 696 = 111/ 74 = **3/2**. The three triangles in the construction have a total perimeter of **7 104** days. **7 104** Haab equal **2 592 960** days which allow for **4 440** synodic Venus of **584** days. The square´s perimeter, counted as Haab, stands for **2 220** synodic Venus of **584** days. If we presume that the described **triangle/square** also has a **twin**, or a mirror image, then the combined perimeters

of the two constructions make **21 312** days. If we have **8 880** as the base, the combined perimeters measure **213 120** days. This figure represents **365** synodic periods of **Venus** of **583.890411** days. 213 120 = **2 368** x 90 = **1 480** x 144 = **8 880** x 24. If we are to calculate the **areas** of the **two** constructions we run into the trouble of getting **days squared** as a result. This can be avoided if we only treat the **horizontal lines** as days. The **sum** of the horizontal lines of the **two triangles** is **3 552** days and represent **linear time**. The sum of the **vertical lines** equals **4 736**. The last figure may represent **height** or "retrograde time as distance in space". If we construct a **meta triangle** consisting of the **sum** of the lines of the **two** constructions we get 3 552 days x 4 736 / 2 = **8 411 136** days. With the basic measures, **35 520** days and **47 360** days**,** we get the huge time dimension of **841 113 600** days for the area of the meta triangle. By using the Venus quotient as a factor we find that the first mentioned time cycle of **8 411 136** days equals **14 400** synodic periods of Venus.

21. $\frac{\text{8 411 136 days} \times \textbf{2 700}}{\textbf{583.890411 days} \times \textbf{2 701}} = \textbf{14 400}$ synodic periods of Venus

14 400 (16x 900) synodic periods of Venus of 584 days equal 23 040 Haab.

If days are equated with years of **365 days (Haab)** then **the areas** of the "four" geometric constructions on page five, having the basic measures, **888**, 1 184 and **1 480** days, are the following:

The square = 788 544 days, corresponds to 2 160 Haab to 99.98 %
The big triangle =525 696 days, " to 1 440 Haab to "
The triangle in the square = 295 704 days, " to 810 Haab to "
The top triangle = 32 856 days " to 90 Haab to "
The **total area** of the "**four** figures", three triangles and one square, of the construction on page 5 equals **1 642 800 days**. This is twice the visible area of the square + the top triangle!

22. "670 670 days x **root** of **2** x **root** of **3**" = **1 642 799.286** days.

Noteworthy is that **10 656** Haab multiplied with the **Venus quotient** results in **3 888 000** days. This can be expressed as **10 800** Tun. A Maya Tun equals 360 days.

23. $\frac{\text{10 656 Haab} \times \textbf{2 700}}{\textbf{2 701}} = \text{3 888 000 days.}$ $\frac{\text{3 888 000 days} \times \textbf{37}}{\text{21 600 days}} = \textbf{6 660}$ s. periods of Venus.

In the above example, the synodic period of Venus is calculated as **583.783783783** days. The Maya value and the **biblical value** equals **583.890 411** days for a synodic period of Venus. For the value 583.783783783 days, see page one or the previous article on the Forum.

The rectangle ABEG = **888** days x **1 184** = **1 051 392** days. (see page 14)
With the help of the **Venus quotient** we get:

24. $\frac{\textbf{1 051 392 days} \times \textbf{2 700}}{\textbf{583.890411 days} \times \textbf{2 701}} = \textbf{1 800}$

The rectangle thus represents **1 800** periods of Venus and 35 520 "synodic months" of 29.6 days. I believe that in ancient days the following calculations gave the quoted value for the synodic Venus period. I believe this to be the period that is also anchored in the **Bible**.

25. **888** days x **144** = **583. 890411** days
219

26. **1 184** days x **144** = **583. 890411** days
292

27. **1 480** days x **144** = **583. 890411** days
365

28. **2 368** days x **144** = **583. 890411** days
584

29. **3 552** days x **144** = **583. 890411** days
876

30. **10 656** days x **144** = **583.890411** days
2 628

The figure **144** equals the Greek letter value for "**The Heart**" and the name "**Abraham**."

31. 1 872 000 days x **583. 890411** days x 6 666.6665 = **1 872 000** days.
3 892 018.752 days

The Maya left a reference to **26 000** tropical years of 365.242 days.

32. 260 x 360 x 365 x 3652420 days = **9 496 292** days = **26 000** tropical years.
13 140 000

If we use the 6 665.6665 periods of Venus of **583.890411** days we get **10 656** tropical years.

33. **26 000** tropical years x 1 314 x **583.890411** days = 1 872 000 days = Long Count
10 656 tropical years

The Long Count can also be achieved with the **Greek** letter value of **Jesus -Christ doubled**, the **Venus quotient** and the ratio 1 872 000 days / 1 728 000 days = 26 / 24 .These quotients are then used as factor as shown in equation 8 on page 3.

Equation 8. $\frac{\textbf{4 736} \times 365 \text{ days} \times 26 \times \textbf{2 700}}{24 \times \textbf{2 701}} = 1\,872\,000 \text{ days}$

There is, however, an equation where a combination of **7 008** days for **12** synodic Venus and the generation value **21 600** days / **37** results in 1 872 000 days. The **generation value** can be regarded as a **complementary value** to the biblical and Long Count value **583.890411** days.

34. $\frac{\textbf{2 368} \times 365 \text{ days} \times 26 \times \textbf{21 600 days}}{\textbf{7 008 days} \quad \textbf{x 37}} = 1\,872\,000 \text{ days}$

35. **7 008** days correspond to **12** synodic periods of Venus of 584 days.

The Maya astronomers, who worked with the year counts 360 and 365 days, have with all probability considered the biblical value, **583. 890411** days, for a synodic period of Venus.

36. $\frac{592 \times 360}{365 \text{ days}} = 583.890411 \text{ days}$ (see page 1 and top of page 5)

By combining the Maya figure **949** with **2 368** days we get a remarkable coincidence.

37. $\frac{2\,368 \text{ days} \times 949}{10\,001} = 224.7007299 \text{ days}$. (**949** x **2 368** days = 2 247 232 days)

The sidereal orbit of Venus is quoted as being 224.7009537 days.

38. $\frac{224.7007299 \text{ days}}{224.7009537 \text{ days}} = 0.999999004$

This result agrees to 99. 9999004% with the **sidereal** orbit of **Venus**.

39. **2 368** x 949 = **2 247 232** days that equal **3 849** synodic periods of **Venus** to 99.99%.
The above figure, the **Venus quotient** and the division by 1.2, leads back to the Long Count.

40. $\frac{\textbf{2 247 232} \text{ days} \times 10 \times \textbf{2 700}}{12 \times \textbf{2 701}} = \textbf{1 872 000}$ days (2 247 232 days =3 848 x **584** days)

If we look at the perimeter of a **Maya triangle/square** constructed as the Greek Triangle and relating to the period of the fifth Sun, **9 360 000 days**, then the base will have 2 340 000 days. The hypotenuse of the triangle equals 3 900 000 days. The perimeter of the **square** and the **top triangle** results in a total of 11 700 000 days.

41. $\frac{\textbf{864 000} \text{ days} \times 260 \times 365 \text{ days}}{11\,700\,000 \text{ days}} = \textbf{7 008}$ days and **12** synodic periods Venus of **584** days.

This example illustrates the connection between the Maya and the multiples of "864 000 days/ years" connected with the **Brahman** of India. If we look at the perimeter of the **three** triangles and the square in the construction of **9 360 000** days we get 12x 2 340 000 equals 28 080 000 days which corespond to 36 000 synodic periods of **Mars** to 99.99% and equals 15 x 1 872 000 days. This time period equals **6 480** sidereal orbits of **Jupiter** to 99.98% and 37 x 1 300 = **48 100** synodic **Venus** on the basis of the generation count 21 600 days / 37. These figures are, of course, to be **halved** if we treat the area as one square + one top triangle.

1 314 x 260 days = 341 640 days. This is the lowest common denominator for the Maya time cycles 260, 360 and 365 days. The symbolism behind **1 3**14 is 13 x 13 day + 14 x 14 days = 365 days. I consider 1 314 days to be a clue left by the Maya astronomers. This figure can be compared to the 729 (days) of Greek **gematria**. The Greek letter values **729** and **486** (Cephas respectively Petra) are on a Maya level 1 314 and 876. These two figures also have the square/ triangle ratio of **3/2** which is a biblical ratio.

42. 1 314 days + 876 days = 2 190 days

2 190 days x 360 = **788 400** days, which I consider to be $1/12^{th}$ of the Maya **precession** counted in whole years. This corresponds to **72** Haab for one degree. 72 Tun make 25 920 days for one degree. For 360 degrees this results in **9 331 200** days which can be seen as an alternative precession to the 26 000 **Tun** of the fifth **Sun.** 26 280 Haab equal 9 460 800 days.

43. **9 460 800 days = 16 206 synodic periods of Venus = 1 314**
9 331 200 days 15 984 " " " " 1 296

44. **73 x 6 x 37 s. periods of Venus = 1 314**
12 x 37 x 36 s. periods " 1 296

45. **1 314 x 9 360 000 days = 9 490 000 days = 26 000 Haab**
1 296

46. **9 360 000 days x 9 460 800 days = 9 490 000 days = 26 000 Haab**
9 331 200 days

9 460 800 days equal **16 206** periods of Venus according to the **generation count**.
The **arithmetic mean** of 9 360 000 and 9 460 800 days is **9 410 400** days. This corresponds to 25 764.8 tropical years of 365.242 days which is very near today´s calculations for the precession. The Maya might have been aware of this. The Long Count may, according to some sources, refer to the last days of a cycle standing for 26 000 years.

There is also the alternative of taking the **arithmetic mean** of **9 462 528** days and **9 360 000** days which results in **25 767. 2** tropical years for the precession. **9 462 528** days equal **16 206** synodic Venus periods of **583.890411** days. (**888** x **888** days x 12 = **9 462 528** days)
The Holiness of the figures involved speaks for this value. However, a "quaternity" of the figures can also be considered. Then I propose 9 331 200, 9 360 000, 9 460 800 and **9 462 528** days. The average of the four counts, **9 403 632** days, points to 25 746.3 tropical years. I believe that the figures arrived at, show that the Maya astronomers may have found the average of the precession quoted today. I will present more figures in Part III to support this. All figures must, however, be seen as approximations because **in the long run** changes happen in the movements of the planets, the Earth and the Moon. Also the movement of the Sun and its diameter undergo changes in the process of dynamic time.

Equation 24 on page 6 has the figure **876** (12 x **73**) in its divisor.
3 552 days x 144 / 876 = **583. 890411** days

47. **876** x **583.890411** days = 24 x 24 x **888** days.

Kukulkán, the legendary ruler of the Maya, is often referred to as the "**feathered serpent**"
He represents, as an archetype, the union of **Heaven** and **Earth**. He is associated with the figures **819** and **819 819**. By using the above mentioned **876** as divisor, and the **Venus quotient**, **7 008 / 7007,** as a factor, the following equation can be written:

48. **819 819 days** x 1 000 x **7 008** = **936 000** days
876 x **7 007**

7 007 and **7 008** days are two Maya values for expressing **12** synodic periods of Venus.
By **doubling 936 000** days we arrive at the Long Count and 1 872 000 days.

In my work I want to underline how dynamic time sets certain **proportions in space**. A **doubling** of significant Maya figures also helps to see the spiritual figures of **Greek gematria** with new eyes as in the example 2 x **2 368**. What is new, however, is the fact that the **Greek letter values** for **Jesus** and **Christ** can be complemented by a third figure, **1 184**, that helps to

construct a sacred triangle with the proportions 3:4:5. The Greek letter value, **1 184**, reaches back in pre-Christian times At the same time, however, it carries the good spell of the proportion **1 480** / 1 184. This can also be written as **5 / 4**, the quintessence in "the square" of the eternal Christ.

The rectangle ABEG on page 14 can be seen as containing **1 800** synodic periods of Venus of **583.890411** days provided that the Venus quotient **2 700 / 2 701** is used as a factor. The horizontal lines in the construction are counted as days. The rectangle can also be said to contain **35 520** "synodic months" rounded off to 29.6 days. If we in that construction let **Jesus** represent **888** at point D, then point D" is 710.4. Then **888** / 710.4 is the ratio **5 / 4** which is the area ABCD /ABC"D". The Line **D"C"**, goes through I which divides the line AE in the proportion **3/2** =**888** / **592**, AI = **888** and IE = **592**. The sum of the two values is **1 480**. The triangle ABE is "divided into two parts by the line IC". The triangle IC"E has the sides **355.2** days, **473.6** and 592. The area of the triangle IC"E is **84 111.36** days or **16%** of the triangle ABE and **8%** of the rectangle ABEG. The triangle IC"E also represents 1% of the **meta triangle** (3 552, 4 736 and 5 920) mentioned on page four. The **triangle** IC"E can be seen as the ***Yin*** quality of **Christ** which here can be equated with **144** synodic periods of **Venus** of **583.890411** days.

49. $$\frac{355.2 \text{ days} \times 473.6 \times 2\,700}{583.890411 \text{ days} \times 2\,701} = 144$$

The small blue-red **triangle** I"HI has the base 177.6. days. The area of the triangle I"HI is exactly 2 **%** of the area of the **square** of **888** days x 888. By using the Venus quotient in the same way as in the equation 49 above, we get for the area I"HI **27** synodic periods of **Venus**.

The triangle I"OI has the base 177.6 days and the height 118.4. The triangle represents **1%** of the area of the **rectangle** ABEG and can be seen as **the nucleus** of the **rectangle**. By using the Venus quotient we get for the area I"0I **18** synodic periods of **Venus**. The **0** point, or the **zero** of the circle has the distance 740 counted from the base of the circle. The ratio between MH / M0 = AI / IE = **888** / **592** = **3 / 2**. IE stands for **592** which is the **yin** quality of Jesus.

The triangle I"HI split is **1%** of the square **888** days **x 888**. The **red** triangle can be seen as the **nucleus** of the square. If we multiply the area of the **red** triangle, 7 885.44 days, with 125 then we get **985 680 days**. The figure **985 680 days** can also be seen as the product of **888 days** x **1 110** or as the product of 1 776 x 555 days. We also notice 985 680 days = **592** days x 1 665 where **592** stands for the **yin** quality of Jesus and **1 665** stands for the letter value of the Greek words " **Spirit of the Earth.**" This phrase is the notion that **Christ** represents the spirit of the earth. Symbolically speaking Earth is being spiritualized by the conscious extension of the square 888 days x 888 to the value **592** days x 1 665 which is the area of ABcd.

The rectangle Abcd has the area, 985 690 days, and relates to the square **888** days x 888 as 5/4. If we **multiply** the area of the square **888** days x **888** by 5/ 4 we get **985 680** days. This is 15/16th of the rectangle ABEG. The upper line of the square 888, DC, is **symbolically** lifted from DC to dc. In this way we get the rectangle ABcd. The Greek letter value for "**The Microcosm**" equals **1 110** which refers to the harmonic mean of the figures **888** and **1 480**.

50. $$\frac{888 \times 1\,480 \times 2}{2\,368} = 1\,110$$

The "old" dimension can be seen as the **fundamental** area **888** days x 888 = **788 544** days or **592** days x 1 332**.** The "new" dimension, the extension, can be seen as the area of the rectangle **888** days x **1 110** which equals **985 680** days. This figure can be written as **8 880** days x 111. In Greek gematria **8 880** stands for the raised **Jesus**. On the other hand, however, **985 680** days can also be written as **1 480** days x **666**. The figure 666 is related to the "magic square" of 6 x 6 containing the numbers 1 to 36. The sum of the figures 1 to 36 = 666. This square has been called **the square of the Sun**. In ancient Greek and in the Revelations the figure 666 is also the **number of man**. In the Revelations 666 is also the number of the "**Beast"**. One of the two factors used thus points to a polarity "inherent" in 985 680 days. Though the factor 666 can be traced in the above product it is certainly not one of identification. The only possible explanation is the fact, that in the mythical world of the Beast, the Christ knows the Beast and has power over it (*contains* it), but not vice versa. This paradox can also be seen in the equation:

51. **2 368** days x 666 / 2 701 = **583.890411** days = one synodic period of Venus

On page 15 the base of the rectangle is **8 880** days and the height of the rectangle is **11 840**. Most figures now quoted refer to the SQUARE/RECTANGLE on **page 15**.

52.The area of triangle I"HI = 1 776 days x 1 776 / **2**= 1 577 088 days = 2 701 x **583.890411**d.

When we use the **Venus quotient** as a factor equation 51 becomes:

53. $\frac{\textbf{2 368} \text{ days x } 666 \text{ x } \textbf{2 700}}{\textbf{2 701}}$ = 1 576 504.11 days = 2 700 x **583.890411** days.

8 880 days x 11 100 = **98 568 000** days. The "new" relation thus proposed has the ratio: **98 568 000/ 65 712 000** which can be written as **11 100**/ **7 400** =3/2. The "old" is the ratio **788 544/525 696** = **888**/ **592** = 3/2. The ratio is the same but the **focus** has shifted from the **harmonic mean 710.4** to the harmonic mean **8 880** as shown in equations 53 and 54 below. If we look at the two figures behind the ratio **11 100**/7 400 we find that the **harmonic mean** of **11 100** days and 7 400 days represents the Greek letter value for **the raised Jesus** expressed in days:

54. $\frac{\textbf{888} \text{ days x } \textbf{592} \text{ days x } 2}{\textbf{888} \text{ days+ } \textbf{592} \text{ days}}$ = **710.4** days

55. $\frac{\textbf{11 100} \text{ days x } 7\,400 \text{ days x } 2}{\textbf{11 100} \text{ days} + 7\,400 \text{ days}}$ = **8 880** days

A box, which has the perimeter of **88 711 200** days, can be inscribed into a circle with the circumference **98 568 000** days. This is correct to 99.96%. The circumference of the circle and the perimeter of the box have the same ratio as the Greek ratio **Hermes/Helios** = 1.1111.. We also find that **8 880 days** x **9 990** = 88 711 200 days. The perimeter of the **box** thus considers the ***yin*** figure **9 990** as well as the fundamental ***yang*** figure **8 880**. We also notice that the ratio of Phi can be found inside the construction of the rectangle ABEG. 85 059 400/ 52 569 600 = 1.618034 or **Phi.**

Two circles having the radius 1 480 respectively 14 800 have their centres between o" and O and pass through the points d and c on pages 14 and 15. These are the **green dotted circles** on

page 14 and page 15. Counted from **the base** of the **blue coloured square** the **center** of the green circle is **666** respectively **6 660** from the bottom line A"B". (148 + 444 + 74 = 666). This can also be described with the equations:

56. A $\frac{1\,480 \times 9}{2 \times 10} = 666 = 9 \times 74$ 56. B $\frac{14\,800 \times 9}{2 \times 10} = 6\,660 = 90 \times 74$

The **green dotted circle´s** top is **74** units respectively **740 (**page 15) units below the line D"C" and 74 respectively 740 units below the line A"B" in its outmost extension at poin N.

Symbolically the movement between the **black** and the **green dotted circle** can be referred to the "**Breath of the Brahman**" or the locomotion of a light centre. **Exhalation** is the movement from the black circle to the green circle and **inhalation** from the green circle back to the black circle. We can also imagine this process by the rectangle ABEG descending and ascending. In the downward movement, exhalation, the top of the line GE moves down to the line dc. This also means that the base of the rectangle, AB, moves 74 respectively 740 units downwards. The movement of the rectangle is carried out **within** the **boundary** of the **square**. The area of the **green dotted circle** under the base A"B" of the rectangle, can be seen as the place for an exchange of energy between the green dotted circle and "Earth", the line A"B", which is brought back to the black circle at the tangent points of the two circles.

The area of the small **rectangle** dcEG on page 15 equals **8 880** days x 740 = 6 571 200 days which can also be written as **1 110** x **5 920** days. The area of the small **rectangle** dcEG equals the area of two top triangles, the "Twin Peaks" of the rectangle, which together make **1/16th** part of the **big** rectangle´s area. The area can also be written as 370 x **17 760** days. The area dcEG can be seen as the area of transformation **above** as well as **below,** which is the downward extension of the moving rectangle into the area of the square **1 480** respectively **14 800** on page 15.

57. $\frac{120 \times 86\,400}{\textbf{17 760} \text{ days}} = \textbf{583.783783783}$ days.

The equation results in **one** synodic period of **Venus** according to the **generation count**. **120 x 86 400 = 103 680 x 100**. This equation mirrors the relationship of the seconds of 120 24 hour- days and the average number of heartbeats of an adult in one hundred 24 hour-days.

The ratio for the "old" relationship male/female is set as **3 / 2** by the letter value for **Cephas** (729) and **Petra** (486). The **harmonic mean** of the two figures is **583.2**. By creating a "quaternity" of the **two names** we get 729.729729729 and 486.486486486. The ratio is still the same, 3/2, but the **harmonic mean** of the two figures now equals **583.783783783.**

58. $\frac{729.729729729 \text{ days} \times 486.486486486 \text{ days} \times 2}{729.729729729 \text{ days} + 486.486486486 \text{ days}} = \textbf{583.783783783}$ days

This value, **583.783783783783**, expressed in days, equals **the generation value** for a synodic period of **Venus**. As I see it, **the focus** is now to fall on **the ratio** 729.729729729 / **583.783783783783** which is the proportion **5/4**. I will return to the significance of the figure 729.729729729 in Part III.

The circle with the circumference **14 800** days x Pi, on page 15, has at its midpoint (0) the quality of the **zero.** The midpoint is the "eye" or center point of the Sun, the ever radiating

circle of **consciousness, light and life.** These words also imply that **science**, **conscience** and **conscientious** work are inseperable. The "eye" (I) can also be seen as the **egg (0)** or the **figure 9** which are symbols of eternal becoming. The symbolism of the three figures **0**,**4**,**5** is made visible in the Maya "twin figure" **50 450 400** days which respresent **86 400** synodic periods of **Venus** of **583.91666..** days. These periods of **Venus** may remind ourselves of the **86 400 seconds** of the average **24-hour-day** and the average number of heartbeats (**103 680**) we travel per "day". This time dimension **140 140 Tun** is unrealistically long considering the fact that the synodic period of Venus changes in the very long run. If we take **504 504** days, corresponding to **864** synodic periods of Venus, we get an almost exact figure for the average synodic period of Venus as calculated by the Maya.

For the Maya **86 400 days** stand for 12 Maya generations and **148 synodic** periods of Venus according to **the generation count**. 9 x **148 periods** = **1 332** synodic periods of Venus and **777 600** days or 2 160 Tun which, rounded off, equals $1/12^{th}$ of the "precession" which in this example is counted as $9/10^{th}$ of **864 000 days**. In the **Parthenon** the figure 777 600 is a symbol associated with the Greek goddess **Athena**. **1 332** synodic periods of **Venus** according to the **584 day count** result in **777 888** days. This can be written as **888** days x 876. This product is to 99.998% the perimeter of a **box** that can be written inside a **circle** that measures **864 000 days**. The Indian and the Maya astronomers knew that **876** x 360 days can be written as **864** x 365 days.

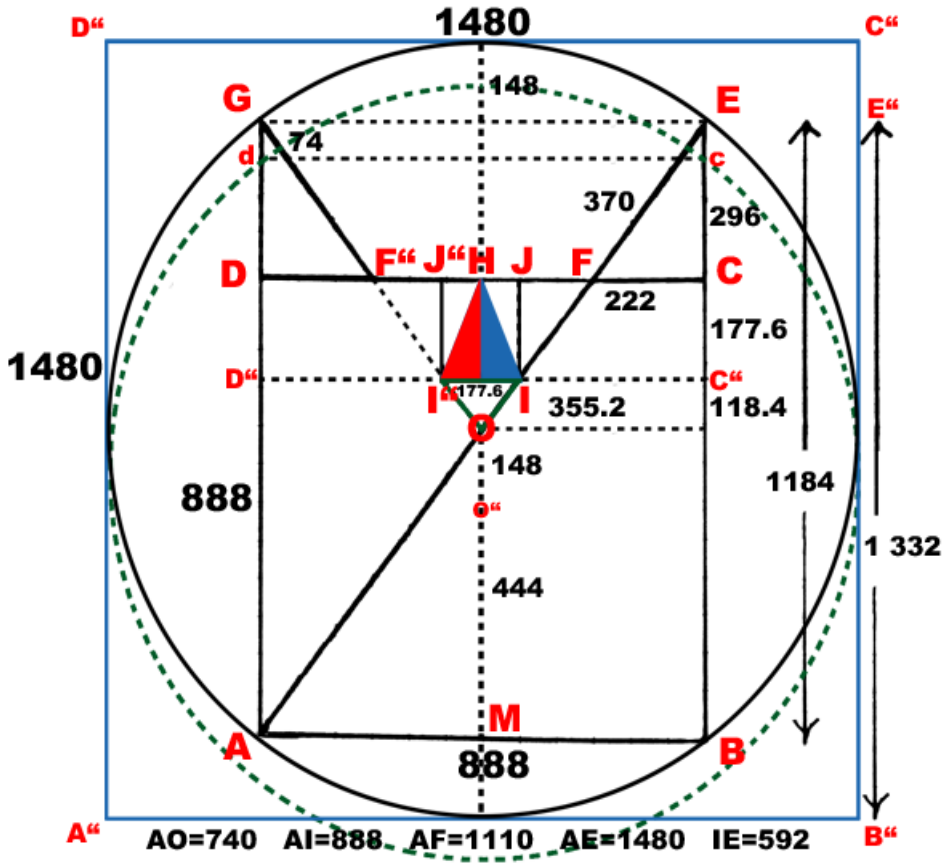
If a circle has the circumference of the Long Count, **1 872 000 days,** then the perimeter of the inscribed box within the circle measures **888** days x 1 898. The perimeter of a box inside the "**time circle**" of The fifth Sun**, 9 360 000 days,** measures **8 880** days x 949 = **23 088** x 365 days =26 x **888 Haab** to 99.998%. With these examples we can see how the sacred letter values of the **Gospel**, **888** and **8 880,** can also be found in the time dimensions of **India** and **Mesoamerica**. This essay will be followed by an essay showing how the **Indian** and **Mesoamerican** figures are related to the **Greek** figures. This connection is also illustrated in equation **four** below. The following eight equations refer to the construction **rectangle/circle/square** on page 14.

The rectangle ABEG = **888** days x **1 184** = **1 051 392** days (see page 14)

1. 12 x 1 051 392 days x 12 = **12 616 704** days. If we divide this area with the area of the top triangle **CEF, 32 856** days, we receive the figure **384**.
2. **12 616 704** days = **888** days x **888** x 16 = **3 552** days x **3 552.**
3. **12 616 704** days = 2 x 3 x **888** x **2 368** days.
4. **12 616 704** days x **13** 140 000 = 8 640 x 365 x **5 920** x **8 880** days!
5. **12 616 704** days correspond to 8 x **364** = **2 912** sidereal orbits of **Jupiter** to 99.9983825%.
6. **12 616 704** days correspond to **21 608** synodic periods of **Venus** of **583.890411** days.
7. **21 600** syn. periods of **583.890411** days equal **2 911** sidereal orbits of **Jupiter** to 99.999%.
8. $\frac{\text{2 368 days x 666}}{364}$ = 4 332.659341 days = 1 sidereal orbit of **Jupiter** to 99,998%

The sidereal orbit of Jupiter is counted on an average of **4 332.58926** days.

The figures in the diagram on page 14, 15, 16,17 refer to **days**, years and s. miles as shown on page 17



The synodic month of the Maya is 29.53086 days.
The "synodic month" of the Gospel is 29.6 days. 35 520 lunations result in **1 051 392** days
In my view, **The Long Count** is based on 63 375 "synodic months" counted as **384 days/ 13**.

1. The rectangle ABEG has the perimeter of (7 x 592 days = 28 x **148** days) **4 144** days.
2. The rectangle ABCD has the perimeter of "3 996 days = 4 x 999 days".
3. The area of the rectangle, **1 051 392** days, can be written as 444 **x 2 368** days.
4. Using the Venus quotient as a factor we get:

444 x **2 368** days x **2 700** = **1 800** syn. periods of Venus.
583.890411 x **2 701**

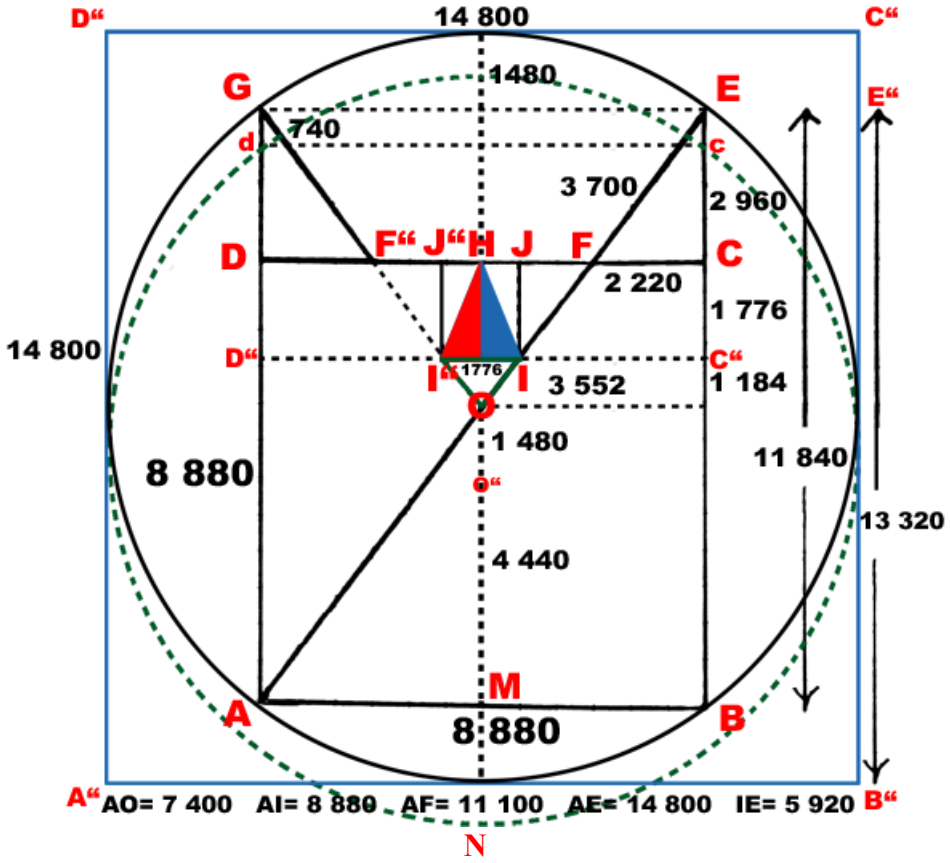
5. 35 590 synodic months of **29.53086** days =**1 800** synodic periods of Venus to 99.9999%.
6. The rectangle shows the close relationship between **the Gestalt 2 368**, the **Moon** and **Venus**.
7. The ratio for the areas of the inner black circle / rectangle = **Pi / 1.92**
8. The ratio for the perimeters of the circle / rectangle = **Pi / 2.8**

The area of the central triangle, I"IH, above **equals 27. 01** periods of **Venus** of **583.890411** days!
The area of the central triangle on page 15 equals **2 701** periods of Venus.

9. 1 577 088 days = **2 701** x **583.890411** days = **2 368** days x **666** = **888** days x 1 776. = **1 184** days x 1 332
1 577 088 days = **1 480** days x 1 065.6 = **3 552** days x 444 = **4 736** day x 333 = **10 656** days x 148

10. **2 368** days x 666 = **2 701** synodic periods of **Venus = 364** sidereal orbits of **Jupiter** to 99.998%.
583.890411 days

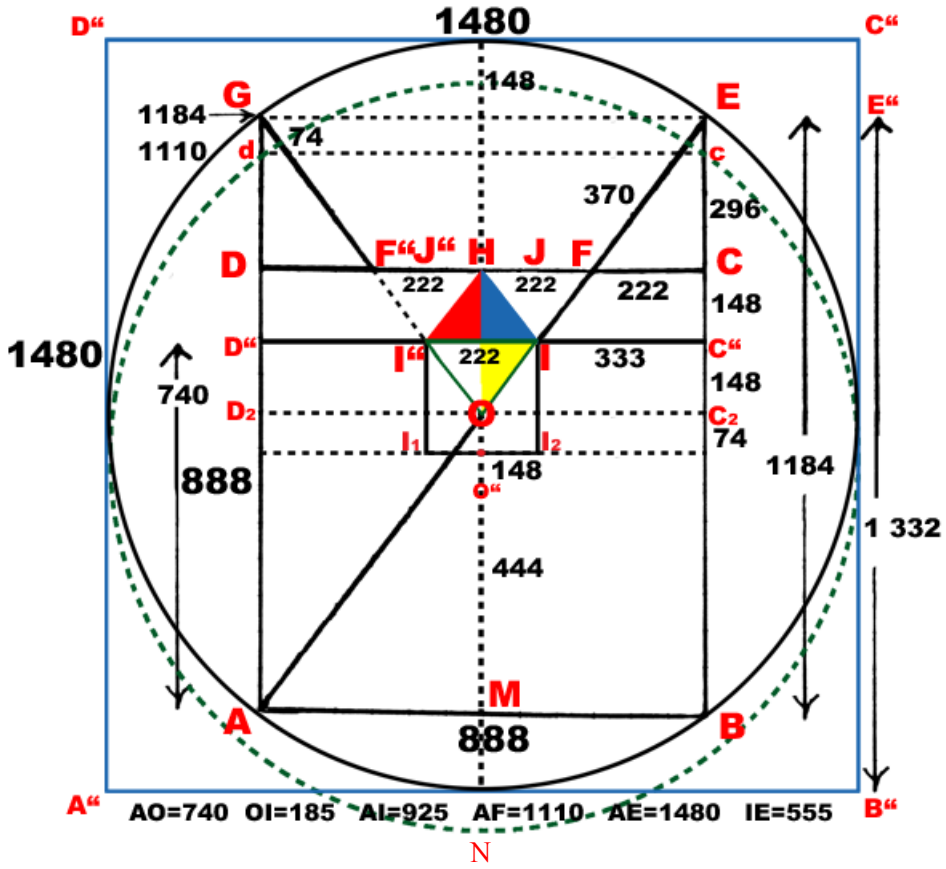
The author **Peter Bleuer**, Ph.D., has shown that the **Hebrew** letter value of the **seven** words and **28** letters of **Genesis 1:1** equals **2 701.** (" In the beginning God created the Heavens and the Earth.")



The triangle Ic"E with the sides, 3 552, **4 736** and **5 920**, is the **meta triangle** mentioned on page six. It can be seen as the **origin** of the other constructions. In the construction above it represents **8%** of the rectangle area ABEG. The perimeter of Ic"E equals **14 208**. The triangle I"0I **equals 1%** of the area ABEG. This tiny triangle with the **perimeter 4 736** can be seen as the **origin** of the **rectangle** and the **fundament** of the triangle I"HI whose area equals **2%** of the square area, **8 880 days** x 8 880. The triangle I"0I split into two triangles gives each triangel the original sides **888**, **1 184** and **1 480.** The area of the **square** I" I J J" is twice the area of the **triangle** I"HI and equals **3%** of the area of the **rectangle** ABEG. With the perimeter of Ic" E as a base we can construct a 3:4:5 triangle with the sides 14 208, 18 944 and **23 680.** This triangle´s perimeter equals **888** x 64.

There are **three zero points** in the construction, 0 and o" and a third point in between 0 and o". This is the dynamic point moving between **exhalation** and **inhalation** as represented by the black and the **green dotted circle**. The point **N** being the farthest from the center point 0. The sum of the **four triangles areas** I"OI, I"HI, I"J"H and IJH represents 4**%** of the rectangle ABEG. The basic square area I"IJJ" being **4%** of the square **8 880** days x 8 880 respectively **888 days** x 888, as illustrated on **page 14**. The area of the **four triangles** stands for 4 500 respectively 45 synodic periods of Venus. The area of the **rectangle** stands for "180 000" synodic periods of Venus, respectively **1 800** synodic periods of Venus. The Venus quotient **2 700/2 701** is used as a factor to receive the quoted number of Venus periods.

The diagrams on page 5, 14,15,16, and 17 have been edited by Helene Berg.

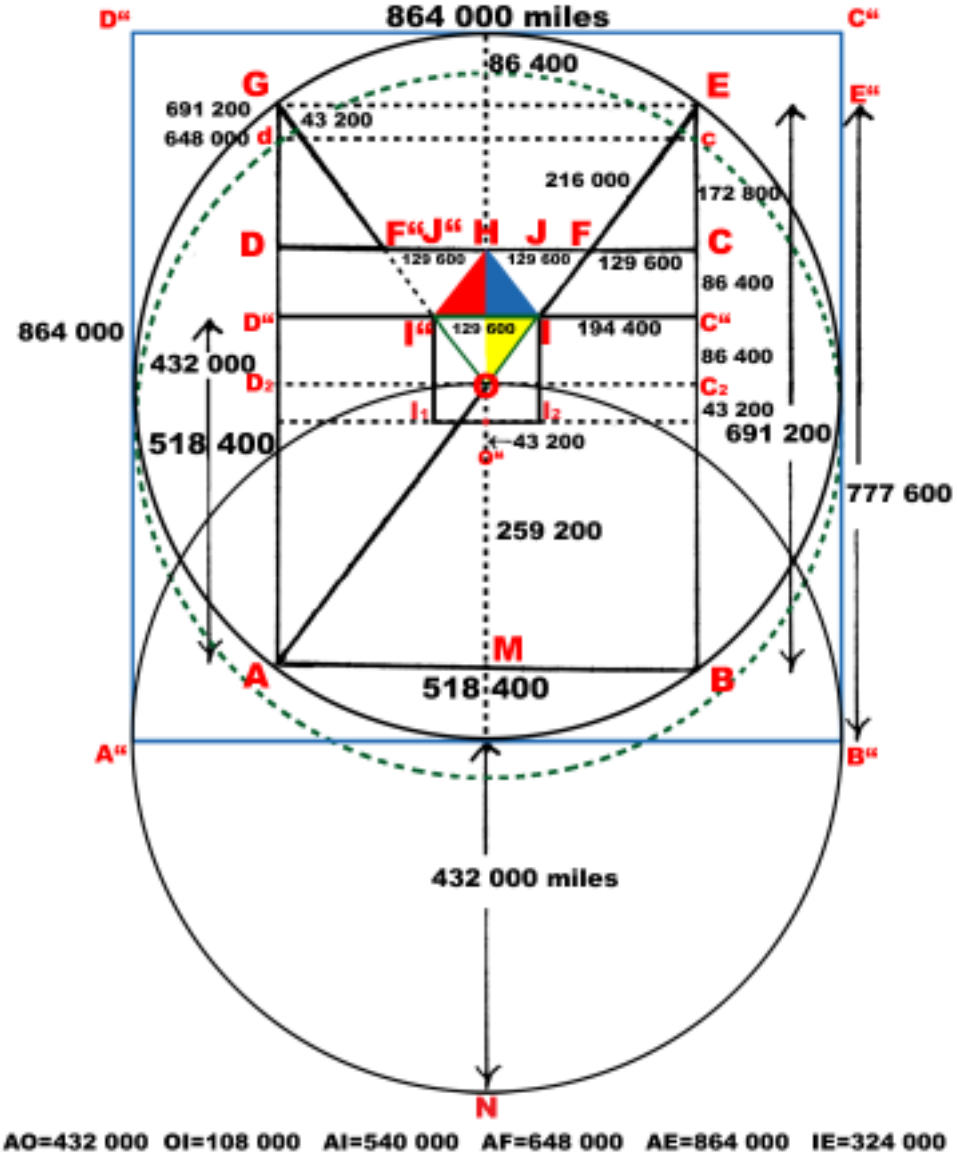


With the ratio **1 110/740** we get the **triangle** F"0F in the center of the construction. The perimeter of the triangle is **1 184** and its area **65 712** days = **888** days x 74 which equals the area of the two top triangles. 65 712 days is also the area of the rectangle dcEG. The triangle F"0F can also be seen to consist of **four triangels** with a total perimeter 4 x **592** = **2 368** days. The perimeter of each triangel is thus **10%** of the perimeter of the square **1 480 days** x 4. The **four equal sized triangles** beautifully reveal the inner truth of the statement ascribed to Maria Prophetissa: " **One** becomes **two**, two becomes **three** and out of the third comes the One as **the fourth**".(1+2+3+4 = **10**) The **sum** of the four triangles perimeter represents **40%** of the perimeter of the square **1 480,** which is the **One**. The area of the rectangle ABEG equals **2 368** days x 444. The line A"B" symbolically represents "**Earth**" because Christ (**1 480**) is the Son / Sun of the Earth. The line D"C" (**1 480**) can stand for "**Heaven**" because **1 480** synodic periods of **Venus** equal **864 000** days. This figure, expressed in statute miles, is the ideal diameter of the Sun.

There is a **rhomb** consisting of **four triangles** in the center. The total perimeter of the **four** triangles of the rhomb is 4 x 444 = **1 776.** The perimeter of the **rhomb** equals 4 x 185 = **740** which is also the radius of the two circles**.** If the rhomb is seen to consist of **two triangles** then their perimeters equals 2 x 592 = **1 184**. The area of the rhomb is 32 856 days = **888** days x 37. The rhomb has the same area as the top triangle FCE. The ratio for the **area** of the square I_1 I_2 I I" and the rhomb is **3/2**. The ratio for the perimeters of the triangles AID" and I_C"E is **2 220 / 1 332** = **1 480** / **888.** The lines AI and IE have the ratio 925 / 555 = **1 480** / **888.** Compared to the diagrams on page 14 and 15 there is more symmetry in the center of the diagram. The ratio for the lines **AI / IE** has changed from **888** / 592 to 925 / 555 which is the proportion **1 480 / 888.** We also observe that 1110 / 1.666666.. = 666 and that the harmonic mean for 1 110 and 740 is **888**.

The figures in the diagram on page 17 can be seen as representing synodic **periods** of **Venus** according to the **generation count**. Then **1 480** periods make **864 000** days. If we let the number of days stand for statue miles, then the **radius** of the **green circle** is **432 000** miles. In its outmost extension the **green dotted** circle at point **N** in the diagram above is **475 200** statute miles or **764 762**

kilometers from the center of the Sun. **Charles William Johnson** has written a brilliant article on the Forum of www.earthmatrix.com titeled **The Bi-gravitational Solar System and its two Center Points,** in which he suggests that the ancients, using floating commas, knew the **barycenter** of **Jupiter** and the **Sun** and "deposited" it in the **Great Pyramid** at **Giza** and in the reciprocal of the **Maya fractal** number **936.** According to his article the **barycenter** of the Sun-Jupiter solar system is **1.068 solar radii.** The barycenter is said to be **743 328** kilometers from the center of the Sun**.** The figure quoted by me on page 16 **, 764 762** kilometers, agrees with Charles Johnson´s figure, **743 328** kilometers, to **97 %.** " **T**he diagram below is expressed in **statute miles**. (1 480 x 365 x 21 600/37 = 864 000) The black circle represents **the disc** of the Sun. The point N in the diagram below is **two solar radii** from the center of the Sun(0). This is, slightly rounded off, the barymeter of the Sun when there occurs a **conjunction** of **Jupiter-Saturn**. The two planets are associated with the expansion and reoganisation of a society. Jupiter is connected with growth and Saturn is said to stand for the rule of law. There are about **20** years between Jupiter-Saturn conjunctions, more exactly **7 253.4525** days on an average. On **May 28th** the new millenium was marked by the **101** Jupiter- Saturn conjunction since 7 BC. For the Maya the figures **101**, **1 001 and 10 001** are significant and stand for completion of a round, as for example **1 001** x 819 days = 819 819 days. This time dimension is associated with **1 404**



synodic periods of Venus and **Kukulcán**, the **feathered serpent** of the Maya. Other examples referred to in the text are **1 001** x **6 665** synodic periods of Venus = **8 880** x 12 000 tropical years. **10 001** sidereal orbits of Venus make **2 368** days x **949** = 2 247 232 days which equals **3 848** (26 x 148) synodic periods of Venus of **584** days. **1 001** x 260 days x **13**14 /365 = 936 936 days. Noteworthy is that **May 2 000** also brought the **169th** (13x13) sidereal orbit of **Jupiter** since **7 BC.**

Triple conjunctions of Jupiter-Saturn(J-S) are very rare and unperiodic. According to **John Mosley´s** diagram below**,** the average interval for such a triple conjunction is about 180 years. This evaluation covers a time period of 3 500 years. The last two triples occured in **1940/41** and **1980/81**. Two triple conjunctions of J-S in the same century is unusual. There will not be a new triple until **2 238**/2239.

In the year **7 BC** there was a triple conjunction of Saturn-Jupiter in the zodiac sign **Pisces**. This triple conjunction has been associated with the birth of Christ. **Jupiter-Saturn conjunctions** have probably been interpreted as significant by the Maya. **1 296** J-S conjunctions correspond to 99,87 % with the quoted precession of **25 770 years**. The text below shows the frequency of **Jupiter-Saturn triples** during a period of **3 500 years**.

Jupiter-Saturn Triple Conjunctions (in Longitude) *563 B.C. to 3000 A.D*

Year of Triple	*Years Until Next Conjunction*	*Order of conjunction*	
563 - 562 B.C.	40		
523 - 522 B.C.	377		
146 - 145 B.C.	139		1 (146/145 BC)
7 B.C.	338	1 (0) 7 BC **(17)**	2
332 - 333 A.D.	79	2 (1)	3
411 - 412 A.D.	41	3	4
452 A.D.	257	4	5
709 - 710 A.D.	258	5	6
967 - 968 A.D.	40	6	7
1007 - 1008 A.D.	298	7	8
1305 - 1306 A.D.	20	8	9
1425 A.D.	257	9	10
1682 - 1683 A.D.	258	10	11
1940 - 1941 A.D.	40	11	12
1980 - 1981 A.D.	**258**	**12(11)** **(28)**	13
2238 - 2239 A.D.	41	13	14
2279 A.D.	376	14	15
2655 - 2656 A.D.	139	15	16
2794 - 2795 A.D.	119	16	17
2913 - 2914 A.D.	--	17	18

Order of conjunctions and emphasized figures by the author V.Berg. The **17th** and **the 28th** triple refer to the year **3 113 B.C.**, the starting point of the **Long Count**. An average of 180 years between triples is used for the calcualations. 1 872 000 days allow for **28 J-S** triples and a total of **258 Jupiter-Saturn** conjunctions. The Long Count also corresponds to **432** sidereal orbits of **Jupiter** to 99.98%. Also 2 400 synodic periods of Mars corresponds with the Long Count to 99.99% **6**1. sidereal orbits of **Uranus**, the seventh planet from the Sun, results in "1 872 000 days" with an error margin of 3 days.(61.0000**936** x 30 688.4775 days =L. Count.) It is, however, the awareness of the relationship between the **Long Count,** the **Bible** and the sacred **Sanskit scriptures** that may lead to a quantum leap for mankind.

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