

« "Smaragdina Hermetis Tabula" detail – by Johannes Petreius ed. "De alchemia" 1541 »

Abstract

Treatises can be filled with formulas, more or less sophisticated calculations and endless correspondences, thanks to the surprising mathematical potential of the golden number in the maximum and minimum hinges of nature – even still ignoring the support of its dominant root which is π – but which, while fueling the complacency of the authors, remain almost fruitless if they do not attest to its supreme essence except in common statements and titles.

This brief summary of mine does not have the slightest pretension to replace them, but, although not equally suitable for everyone, longs to direct towards what must be understood instead of phantom interpretations of the portrait of Mona Lisa, or fictitious attributions to [Leonardo da Vinci's Vitruvian Man](#) and so forth.

Not to mention that certain geometric schemes built with segments, polygons and circles, adopted to reproduce the golden section in its endless variations, may not respond to calculation checks with sufficient decimals, being referred to the π 3.14159 which is inexact and in conflict with Φ - just as happens with the pyramid of Giza - instead of the correct 3.14460 deriving precisely from its square root.

The Golden Ratio is not only a wonder recognized in the mathematical world, but it is the tangible numerical expression of a metaphysical power, the supernal ratio which [takes shape through the figure 5](#), being always traceable to it.

The word 'Divine' is now widespread, but without any real connection with the concept itself, which especially today appears to be kept well away from scientific ground.

With "Golden" you can play as you like, anyhow before approaching the term "Divine" we must be aware that it does not pertain to some religious unreality but reflects the Unique Being, as Creative Consciousness of the Universe, if you prefer the Suprem Causal Intelligence and not its concrete effects, more or less complex.

I will propose that in its simplest and most direct dynamics – not free from a due rectification – beyond the current stage of growing and motivated wonder of scholars attracted by the numerical phenomenon alone, which is finally emerging with ever greater evidence.



Cosmogony of the Golden Section

What is the Golden Ratio really? A further step along the path of knowledge, towards the recognition of the DIVINE CONSCIOUSNESS.

Imprimis, only one is golden section, not two: and it is Φ , Phi 0.61803... the other, ϕ , phi [1.618] although the most commonly adopted, is its first derivative, matematically an addendum, or its specular projection.

I know very well that this statement may irritate some; but can they explain to me how they can consider 1,618 a section? A section of what?

It is derived from 0.618, either as its division by $1 / \Phi$, or as its sum $1 + \Phi$. The comparison of these terms: $1/\Phi = 1+\Phi$ gives the essential true equation.

Always defined as 'section' since ancient Greece, thus described up to Pacioli, and by Kepler as 'mean and extreme ratio' (of a segment), everything suggests its internal ratio to any quantity whatsoever, although in the many titles that confirm it, to name a few read – as well as in the proliferation of web articles, more or less attracted by the magic of the number – the meaning of section is not taken into account at all.

1.618 is preferred instead, perhaps because it is more flashy, but it is only the reflection of the section applied to the 1.

In secundis, *locution that comes ad hoc!* from a hermeneutic point of view, the Source of Creation, the Unique Principle or however one can conceive it, to give rise to the polarity of positive/negative, yin/yang, Shiva/Shakti, Father/Mother; what esotericism has always taught, as well as the CHRIST in the 5th of his 9 LETTERS (1998), i.e. recent Lessons to human knowledge, *not surprisingly the fifth!* could only split with immense will, not expand.

For the ONE nothing is in being outside of the Self: it has been riven, divided, not multiplied, thus only determining the positive-negative antithesis: expansion/contraction consistent with the Φ ; attraction/repulsion in gravitational equilibrium regulated by the π which is its square root (for our use the perimeter 3.1446 of the square with

THE DIVINE PROPORTION



“Deus est monas,
monadem ex se gignens,
in se unum reflectens ardorem”

Liber XXIV Philosophorum

that side, i.e. with area Φ), terms which are in essence deeply and absolutely correlated and inseparable.

5.143

**UNIVERSAL CONSCIOUSNESS was RIVEN!
WILL & PURPOSE**



5.144

Father INTELLIGENCE & Mother NURTURING LOVE

were exploded to work independently and also jointly.

5.144.1

**Their respective tools were
Electricity & Magnetism**

5.145

Out of the explosion of EQUILIBRIUM came the
GREAT INTENT of SELF-EXPRESSION

5.146

The Universal Awareness of **BEING**— became
the Impulse of individualised '**I**' awareness
demanding self-expression

5.147

LIFE and 'I'ness are synonymous in the dimension of matter
They became the consciousness of matter

LETTER OF CHRIST n°V (1999AD), p.187-188 /333

This Divine Proportion pervades all creation, echoes and resonates throughout all creation, at any level and dimension; it is the foundation of reality.

The essence of the Golden Section is the formula that represents the tear:

$$1 = x + x \times x$$

An expressly symbolic notation, with semantic figures, for those who understand it, and try to scan it out loud. Φ enunciates in cipher the only Power $[x]$ that can amplify the One, integrating with It in expansion to ϕ , which takes place exactly in dividing it; and maintains its identity with unchanged decimal tail even in the union, as well as in its square where the 1 comes 2.

Interpreting it from a dialectical perspective, a sort of 'partnership' of the Golden Number with the Unit is confirmed by having divided it, which allows a two-way comparison, both by addition with Φ , and by subtraction with ϕ .

By factoring the union from $1/\phi$ [1.618] for which Φ is added to 1, the outcome of the operation is indifferent in the double perspective: whether Φ adds 1 to itself [$\Phi + 1$], or whether Φ is added to 1 [$1 + \Phi$]. It changes instead for ϕ , if it subtracts the 1 from itself [$\phi - 1$], or if it is subtracted from 1 [$1 - \phi$], resulting negative in one of the cases $\pm \Phi$, which however lead back to Φ as the basis. The resulting statement is the most linear of all:

Golden Section is the unique number that dividing the 1 adds itself to it.

To better assimilate its fundamental and mystical Criterion:

the golden number represents – not only abstractly – the only partition of the ONE that in dividing It, results at a time added and unified to It, in the perfect unfathomable equilibrium and **mutual restraint**.

We also find it in the very famous “Emerald Tablet”, one of the most important and discussed myths of ancient Egypt, having established over the centuries the commandments of alchemy and the most committed esotericism.

I translated it from a now classic Latin version, but a last one among who knows how many others in every language, and all even only partially misunderstood and then subject to interpretative alterations; which seems obvious after all, otherwise at least one would have prevailed, with global effect.

It was certainly not intended for the general public.

However, its first three paragraphs, which have become a universal emblem, sound clearly and unequivocally – understandable to everyone – what maximally completes our assumption: ONE is the Whole, from which everything descends.

« • IT IS TRUTH WITHOUT LIE, CERTAIN AND VERY TRUE:

• THAT WHICH IS BELOW IS LIKE THAT WHICH IS ABOVE,
AND

THAT WHICH IS ABOVE IS LIKE THAT WHICH IS BELOW.

TO EFFECT THE MIRACLES OF THE ONLY PRINCIPLE.

• AND LIKEWISE ALL THINGS AROSE FROM THE ONE,

FOR THE CONSCIOUSNESS OF THE ONE:

THUS ALL THINGS DRAWN THEIR BEING FROM
THE ADAPTATION OF THIS FIRST ESSENCE.

• SUN IS THEIR FATHER, MOON IS THEIR MOTHER.

• THE WIND CARRIED THAT IN ITS WOMB.

• EARTH IS ITS NURSE. • THE FATHER OF

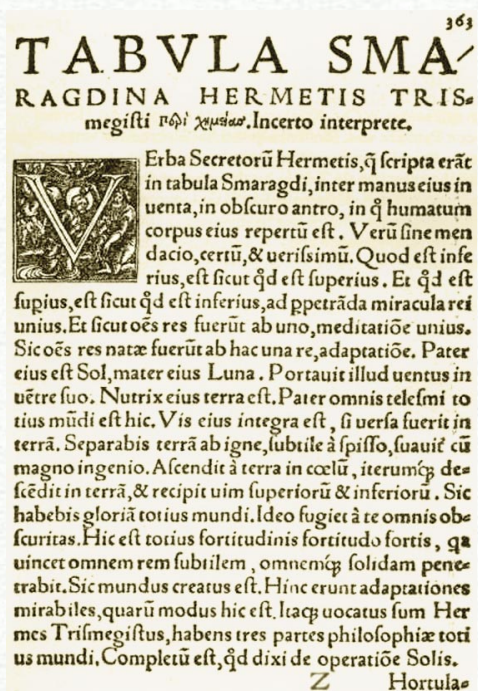
EVERY TELESMA OF THE WHOLE WORLD IS HERE.

[read all]... »

From [latin text](#)] of «Smaragdina Hermetis Tabula»
transl. from Arabic language, by Abu Musa Jabir ibn

Hayyan (Geber) 721 d.C..

– Johannes Petreius ed. «De alchemia».



“inter manus ejus inventa, in
obsuro antro, in quod humatum
corpus ejus repertus est”

The same cannot be said of ϕ , for which multiplying the One does not carry much additional meaning, while dividing it only leads to Φ . The alternate formula, i.e. $1 = x^2 - x$ as we will see, would be devoid of interpretative sense.

So That's why the Golden Section is one, unique and part of the ONE in such Proportion as to be considered Divine.

It is found universally expressed in the great golden triangle, **that One Divine Triangle** which perfectly represents it in geometric reality, as well as in the construct of the Great Pyramid of Giza.

Once this is understood, it is clear that the formula $x^2 - x = 1$ is inverse and in contradiction; but let's watch its development.

The rational description generally adopted is nothing but its scholastic reduction, a widespread version, which emerged from discovering in an easy but indirect way how the Golden Proportion manifests itself in theory and practice; but it is referred to at least two distinct numerical or geometric quantities, and to the relationship with their sum or subtraction.

The resulting and varied methods of calculation are sometimes complex and superfluous, displays tainted by the innate need to complicate simple things, precisely because we do not yet know exactly how to frame them.

Indeed, it seems that the most widespread way to make it intelligible is to embroider on the elementary school series of Fibonacci integers, which makes me think of it as trying to build the Great Pyramid with LEGO® tiles;

but how could they ever have achieved such a result thousands of years ago, without the help of Fibonacci?

If nothing else, though to *dispel the myth of the golden ratio*, the University of Edinburgh Science Media states that:

« ... Fibonacci later used the golden ratio to solve geometry problems in the 11 th century, although he never related it to the Fibonacci sequence which is named after him. »

<https://eusci.org.uk/2020/07/29/myth-busting-the-golden-ratio/>

In fact, as is known, said series had a completely different formation and function; but then the problem of making sense of the golden section remained open...

The fact that the numbers of the series converge to the Golden Section as they grow is only the demonstration that this exact proportion is the virtual *mother* of every event, numerical and geometric, as also demonstrated by my *fascinating discovery of the 'spiraloid'*; but it will never be able to replace it, in any theoretical or practical context.

Given an interval of any value AZ, real or abstract but global i.e. unitary, there is within it only one point P that cuts it, establishing between the parts the proportion of the type $AZ \div AP = AP \div (AZ-AP)$.

As if on cue, it is precisely the alphabet $A^{bcdefghijklmno}P_{qrstuvwxyz}Z$ that responds admirably to representing it, with 'P' in the position 16 out of 26, where $26 \times \Phi = 16.07!$ Furthermore, in the positional system with base 16, i.e. hexadecimal, P has code 0050, whose 5, as I have already explained, is an exclusive recurring module of the golden section.

Although only one is the unknown, that is the Φ portion, we can retrace it in the three cases of rotation of the 1 value applied to each of the three quantities.

1. The main and most *natural* and eloquent case, therefore, sees the Unity and its Golden Section. Searching it [inside] of the quantity AZ, AZ will be the whole, of which the section-trait AP represents the unknown Φ .

We will have with the greatest simplicity and coherence that reflects the formula:

$$\begin{aligned}
 1 \div AP &= AP \div PZ \\
 1 / AP &= AP / (1 - AP) \\
 1 &= AP^2 / (1 - AP) \\
 1 - AP &= AP^2 \\
 1 &= AP^2 + AP
 \end{aligned}$$

1.0	
A ^b cdefghijklmno	P ^q rstuvwxyz
0.618	0.382

whose quadratic solution (easily reproducible online) is:

$$(\sqrt{5} - 1) \div 2 = 0.618,$$

$$\text{and, obviously less significant: } (-\sqrt{5} - 1) \div 2 = -1.618.$$

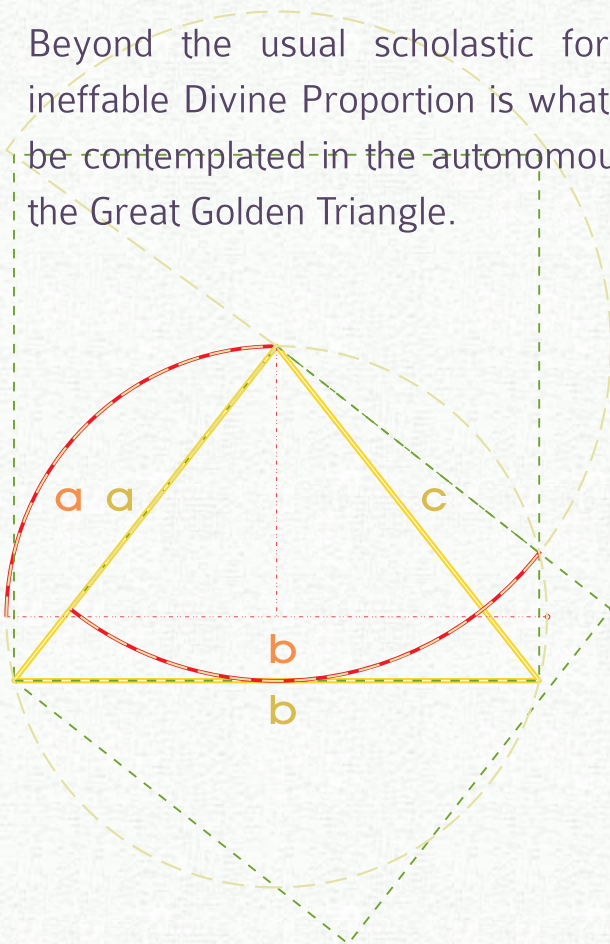
-φ is antithesis; its positive is the emblematic expansion deriving from the subdivision of the One by its golden section: 1 / Φ.

Nonetheless both satisfy the final assumption:

$$\text{sia } 0.618 + 0.382 = 1 \text{ che } -1.618 + 2.618 = 1.$$

To satisfy the inverse equation $(1 / AP) + 1 = (1 / AP)^2$, while AP = 0.618 gives the result φ, the value AP = -1.618 gives Φ² that is 0.382.

Beyond the usual scholastic formulation of this relationship, this ineffable Divine Proportion is what is wonderfully exteriorized and can be contemplated in the autonomous and univocal geometric reality of the Great Golden Triangle.



It is reproduced here with base *b* and equal sides *a*, *c*. The three sides, from the base, realize the proportions $b \div (a + c) = (a + c) \div (a + b + c) = \Phi$, i.e. $(\pi/4)^2$, with the right π 3.14460; for which unparalleled completeness I intended to call this triangle at the pinnacle of perfection: Divine.

What is more, its vertex involves two circles: the circumscribed one, which touches it, whose quarter is equivalent in length to the sides *a*

and *c*, and the one having its center at the vertex of the triangle and its height as its radius, whose quarter of circumference is equivalent to the base, to which it is tangent.

Double squaring of the circle, the second of which recalls the legacy embodied for millennia in the Great Pyramid of Giza. The two circles are in proportion $1 : (1 + \Phi^3)$, like the diameters, which is then the same as the ratio between the side and the base of the triangle.

I played kaleidoscope-style with this hidden pattern at the bottom of my page on [measurements of the Great Pyramid of Giza](#).

2. In the 2nd case the monad contemplates its union with its golden section.

It is an inverse process that of AP = 1, which searches for the golden ratio outside the unit (no longer a subdivision, but a sum), for which it will be the unknown φ to complete the AZ segment.

$$AZ \div 1 = 1 \div PZ$$

$$AZ / 1 = 1 / (AZ - 1)$$

$$AZ = 1^2 / (AZ - 1)$$

in short:

$$AZ^2 - AZ = 1$$

1.618	
A ^b cdefghijklmno	P ^q rstuvwxyz ^Z
1.0	0.618

In this mode, the equation leads to the negative value -0.618 and to the so-called golden ratio 1.618, which adds up to a value greater than unit, where the unit becomes AP, golden ratio of the whole AZ, a contradiction in terms of teaching and statement; at the same time the negative golden ratio cannot have a square root, thus lacking the implicit and legitimate *genealogy* of the π and the constant \mathbb{L} , while the $\sqrt{\varphi} = 1.272$ is physically less relevant, it only reflects calculations that can be obtained in another simpler way.

It can indeed reproduce the interatomic gravitational constant (\mathbb{L} by my attribution) = 0.78615 via a further step, which is $1/\sqrt{\varphi}$, but it just reflects the direct result of $\sqrt{\Phi}$, calculating it in a convoluted way.

- The same occurs in the 3rd triangular case, the extreme presence of the golden ratio, in which PZ will be the Unit, relating the unknown to the segment AP ($1/\Phi$) [φ], while the entire AZ will correspond to φ^2 .

$$(AP + PZ) \div AP = AP \div PZ$$

$$(AP + 1) / AP = AP / 1$$

$$AP + 1 = AP^2$$

$$AP^2 - AP = 1$$

2.618	
A ^b cdefghijklmno	P ^q rstuvwxyz ^Z
1.618	1.0

This reflects the exaltations of squaring for the two extremes of the Proportion: in PZ the monad is in the position of Φ^2 [0.382]; of the 1st case; in AZ we have that of φ^2 [2.618], the union with its section of the 2nd case.

A triumph of the Divine Proportion, which manifests its unrepeatable and irreplaceable potential in the world of numbers and shapes.

In addition to the rightly praised concepts of harmony of forms, albeit of of surface elaborations, the Golden Section plays a fundamental role in every process of becoming, perfectly expressing the generative aspect of the *mother figure* 5 the same convex and concave pentagonal figures, or of *innovative-substitutive construction and destruction*.

The criterion of reciprocal ratio expressed by the relationship between external and internal sides, can be found in the formula in fact dependent on the number 5: $\sqrt{5} \times 0.5 \pm 0.5$.

The two roots interact in a unique functional symmetry, which seems to oscillate between the extremes of past and future, synonyms of contraction and expansion; if their mutual multiplication leads to 1, each one, dividing the other, enhances its property by multiplying it by itself:

$$\Phi / \varphi = \Phi^2 [0.382] \qquad 1 \qquad \varphi / \Phi = \varphi^2 [2.618]$$

In essence, as I have been expounding for years on the astrological ground, and attested by [historical events](#) documented on this site, the creative-destructive component of the pentagon is confirmed and concentrated in a unique way in the golden ratio between the two sides, where the minor section (convex side) is always the creative one, the golden section of the major one which is substitutive-regenerative (concave star-shaped side), from whatever perspective one considers them.

It means acknowledging the expansive-active value of Φ and the passive-enveloping value of ϕ which is its mirror and functional connection.

In this regard, I suggest comparing it with my own development of [the vital principle of the golden spiral](#).



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