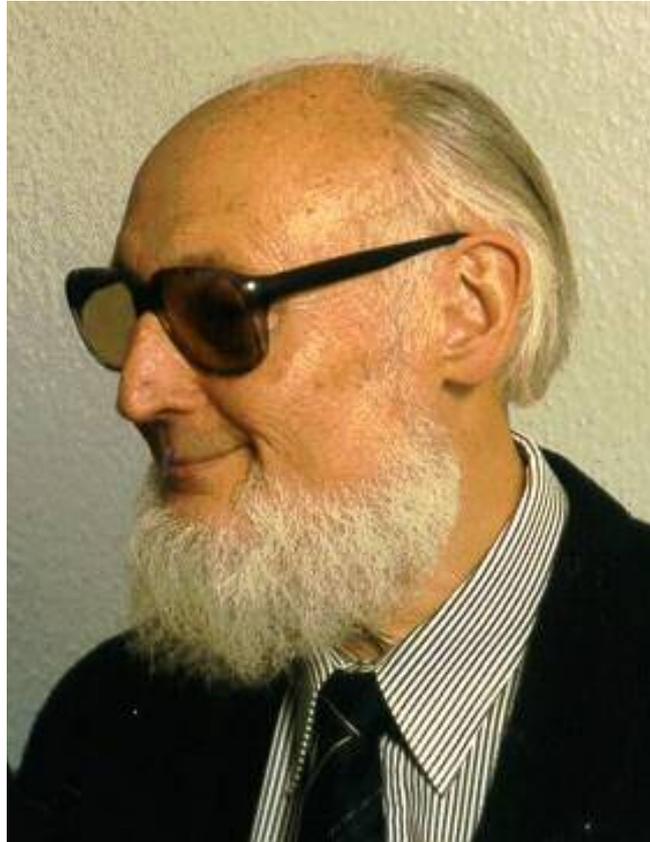
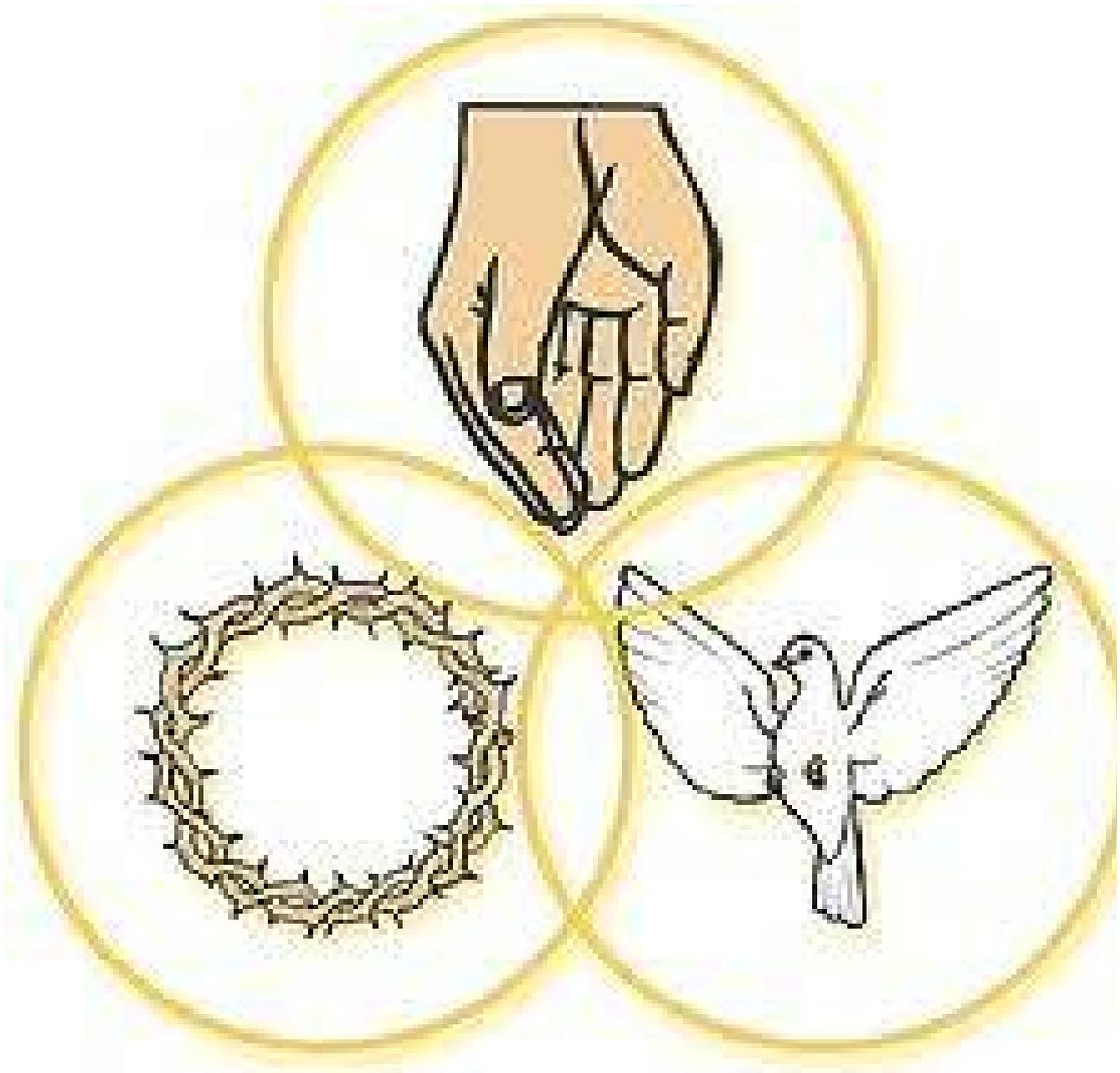




Introduction to a Scientific Theophany

Manuel Halvelik





***Understand in order to believe,
believe in order to understand.***

(Saint Augustine)

PREFACE

The works of a truly great artist carry his typical style characteristics in such a way that they unmistakably refer to him, even though no name is mentioned. Therefore, if God really exists as a Trinity, the way Christians believe and proclaim, then his creation must necessarily show up this triple origin as a sort of watermark, at least where the foundations of the Universe are concerned.

The present study searches and finds precisely such a triple basis in strictly scientific context. Not only in just one place but in many places: in the microcosmos (quantum physics), in the macrocosmos (astrophysics and cosmology), in mathematics, why even in the Evolution of Life and in the **teleological** development of human civilization.

Inversely, if such a triple foundation can be found, it will constitute a strong argument for the existence of God as a Trinity. This creates a totally new World-view, a new paradigm for the 21st century. The present worldview has torn God from his throne while putting Man on it and replaced the Ten Commandments by the Human Rights as a compelling norm for the whole of humanity. The disastrous consequences of this rebellion today are clear and worldwide, the crisis only goes from bad to worse.

Thus the new paradigm should be able to place God back in His rightful place and again bring order and hope in our worldwide chaos, although such a turnover will undoubtedly not succeed without a fierce struggle between advocates and opponents. A crooked heritage of ages — especially since the so called “Enlightenment” — has to be rebuilt from the bone. That is not a small thing. So many facets and laws of the universe are involved here, that we can give only a very short overview.

Readers who want to enter more deeply into the subject can consult my three slide presentations on DVD, obtainable in Dutch at FEL, Frankrijklei 140, 2000 Antwerp – retbutiko@fel.esperanto.be – telephone 03/234.34.00 at 15 Euro a piece.

The Holy Name

EL → ALLAH

“I am”

The Tetragrammon

יהוה

“was + is + will be”

(SUMMARY OF THE DUTCH ORIGINAL)

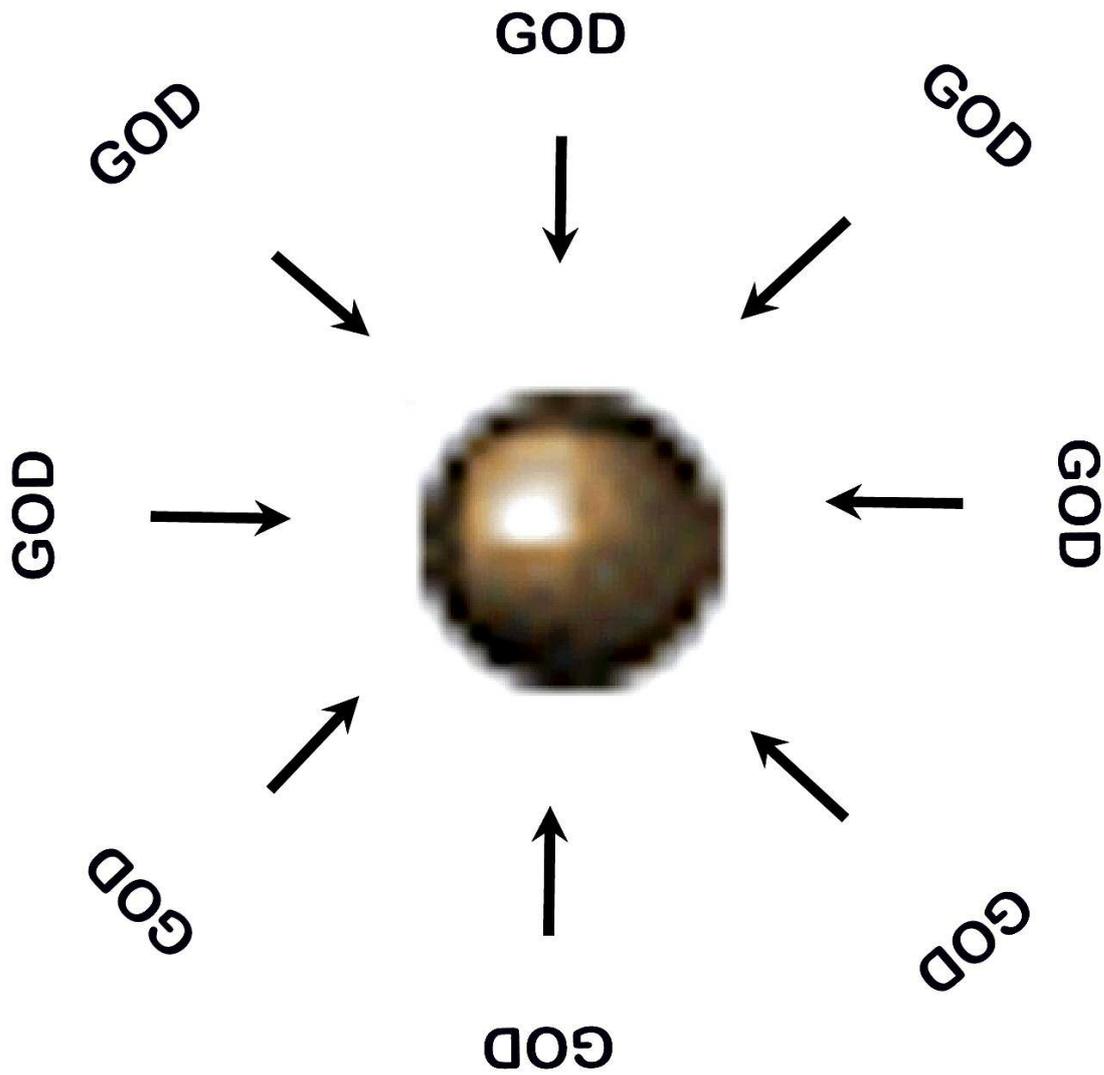
When God revealed Himself to Moses, it was with the Hebrew name word **EL**, which we have to express as “I Am” or “He Who Is”, meaning a superior form of existence, absolutely infinite in space and time and absolutely independent, where all created forms use to come and go, to be transformed along the way, need one or more points of reference to exist. Also the later biblical name **JHWH**, the holy tetragram, points to the same, If we combine the root characters two by two: was+is+will be. Conclusion: nothing can exist outside of God, neither in time nor in space.

creatio ex nihilo ?



(SUMMARY OF THE DUTCH ORIGINAL)

The traditional theological thesis, that God created the World (universe) out of nothing, is misleading, as He occupies absolutely everything and has no “empty outside”.



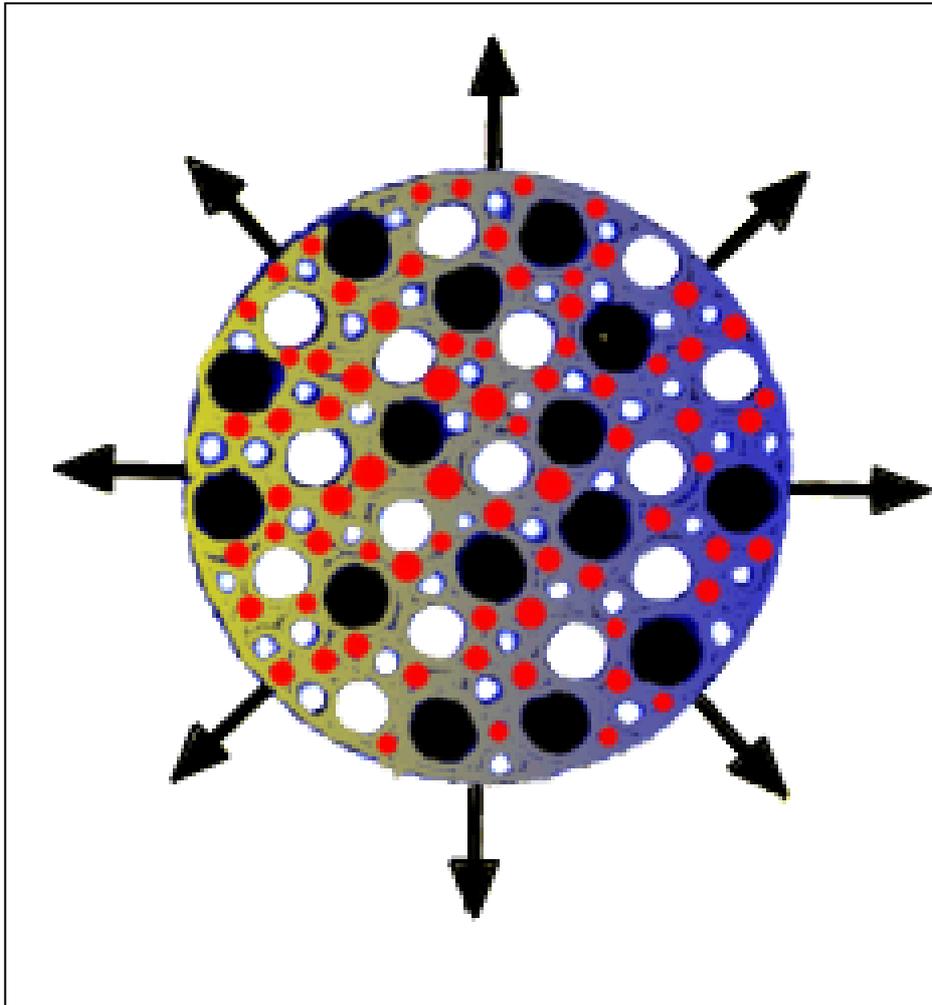
Implosion of the Absolute Being

(SUMMARY OF THE DUTCH ORIGINAL)

Therefore we have to admit God actually created the World inside His Being, as a kind of “implosion” in which He quite mysteriously made Himself relative, imperfect, non-absolute. This is a real mystery, incomprehensible to the human mind. Not so the existence of Three Persons in One Common Nature, which Saint Patrick strikingly demonstrated by means of the shamrock.

I keep being stunned by the official Christian standpoint which unceasingly considers this inherent property of God as beyond human comprehension, We are not talking about three Gods in one God, are we ?

The Standard “Big Bang”



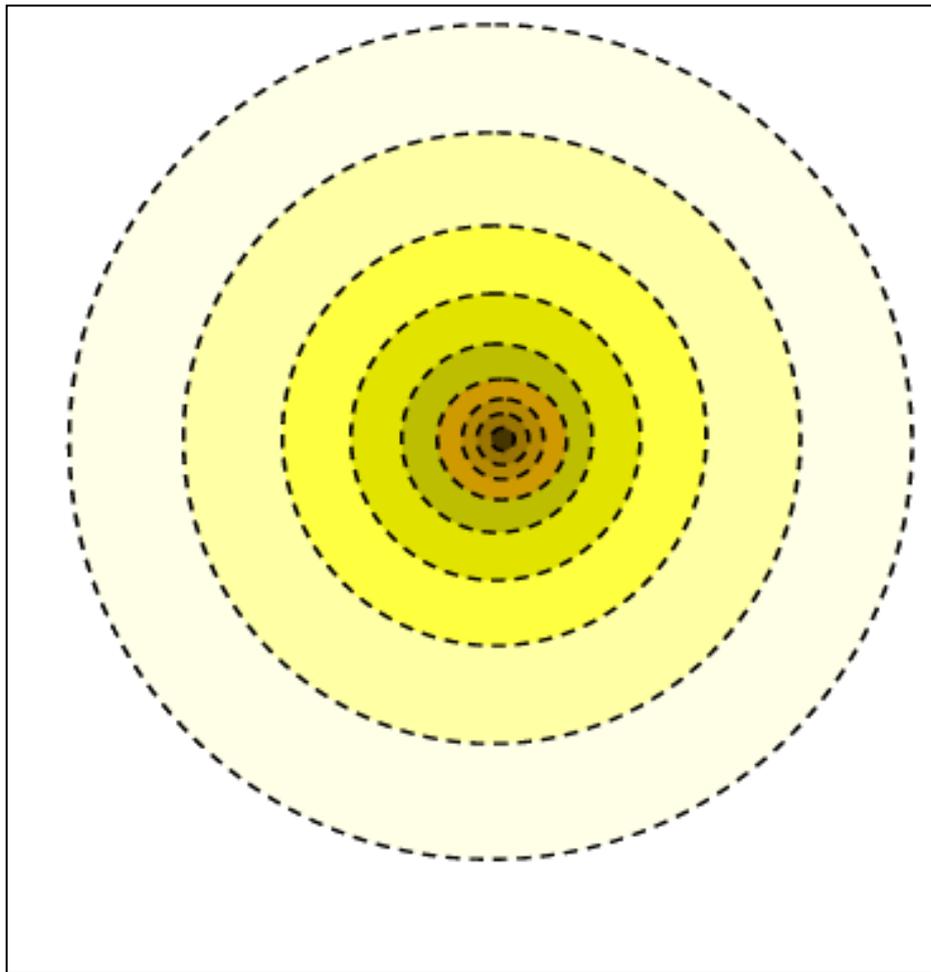
(SUMMARY OF THE DUTCH ORIGINAL)

That reasoning brings us to the modern principle of an original “Big Bang”, the explosion of an indeterminate mass of matter which gradually lead to our present Universe.

The standard popular representation is that of a bursting balloonful of marbles of all sizes and colors, which will more or less rapidly interact to form nuclear particles and grow into immense clouds of hydrogen and helium. A much more sensible line of thought starts with a pristine form of matter, called “**ylem**” — matter is energy and energy is matter, according to Einstein — but this formless material still lacks the necessary opposition between positive and negative elements. Nor does it have any inborn incentive to explode.

Our representation as an implosion of the Godhead however proffers both these required factors.

Logarithmic Layering of the Pristine Sphere

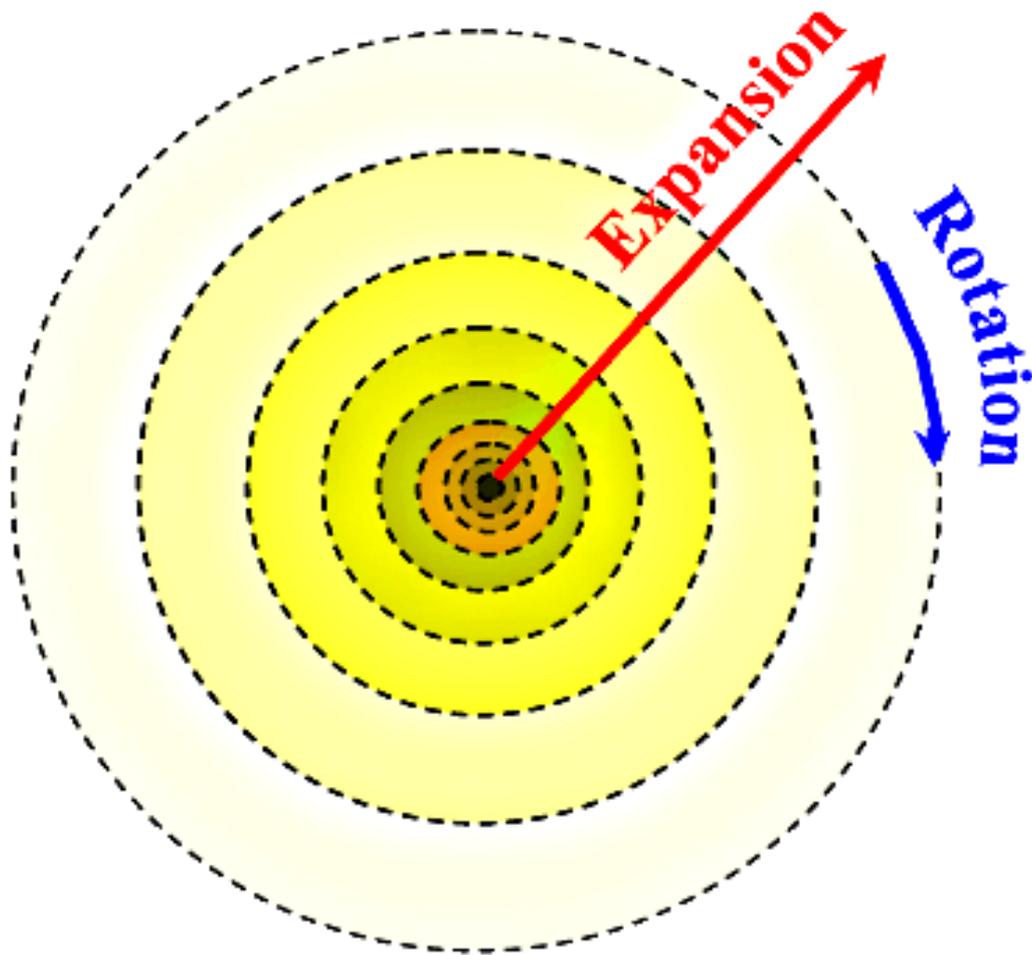


Spatial density of space growing weaker and weaker from the center outward.

(SUMMARY OF THE DUTCH ORIGINAL)

The nature of our Creator is by definition absolutely homogenous, perfectly the same everywhere. God does not change. The Creation however cannot but express that superior quality in a relative way, permitting it to evolve and transform itself. In my opinion this results in a concentric logarithmic layering of the original cosmosphere. All sorts of energy fields point that way: magnetic, electric, gravitational.

Twofold Motion of the Pristine Sphere



Spatial Expansion coupled with Temporal Rotation

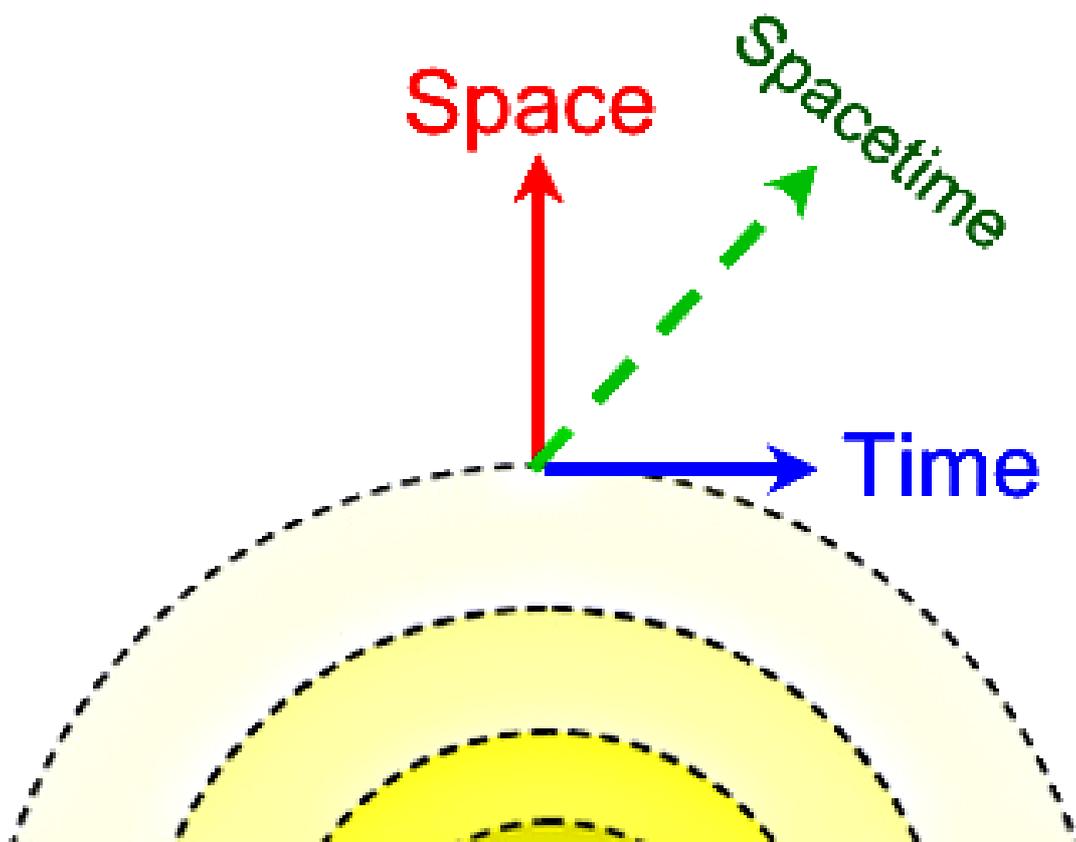
(SUMMARY OF THE DUTCH ORIGINAL)

Today it is a well-known fact that our Universe expands ever more rapidly, what can metaphysically be explained as a primeval striving (of Space) to (re)gain Gods Omnipresence. But Science turns a blind eye on the possibility, and even necessity, of our Universe (seen as a sphere) to turn on its axis. Every mobile in the Cosmos turns around itself and around something else, on the microcosmic scale as well as on the macrocosmic scale.

This general motion (Time) I dare interpret as an elementary striving to (re)attain Divine Eternity; an utterly vain Endeavour, of course, but which keeps everything on the move in our universe.

Now, these two cosmic motions — also two elementary forces — are not independent of each other but work together in a fixed dynamic proportion.

Cosmic Couple of Forces

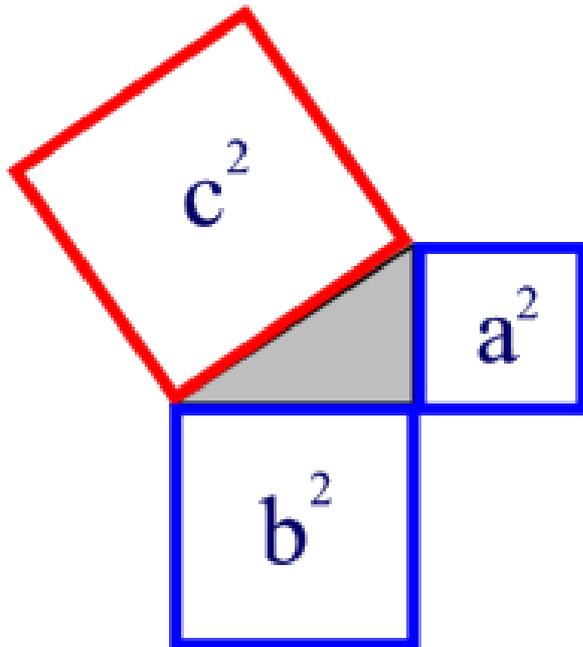


Spacetime = Speed of Light

(SUMMARY OF THE DUTCH ORIGINAL)

This dynamic proportion is the one of a **force couple**, well known in Mechanics. One force (expansion) is pulling one way while the other (rotation) is pulling perpendicular to the first, giving a combined resultant motion: “spacetime”.

Theorem of Pythagoras



$$a^2 + b^2 = c^2$$

$$E = mc^2$$

End of Spacetime

= End of the Universe

[Marc.13, 24-25]

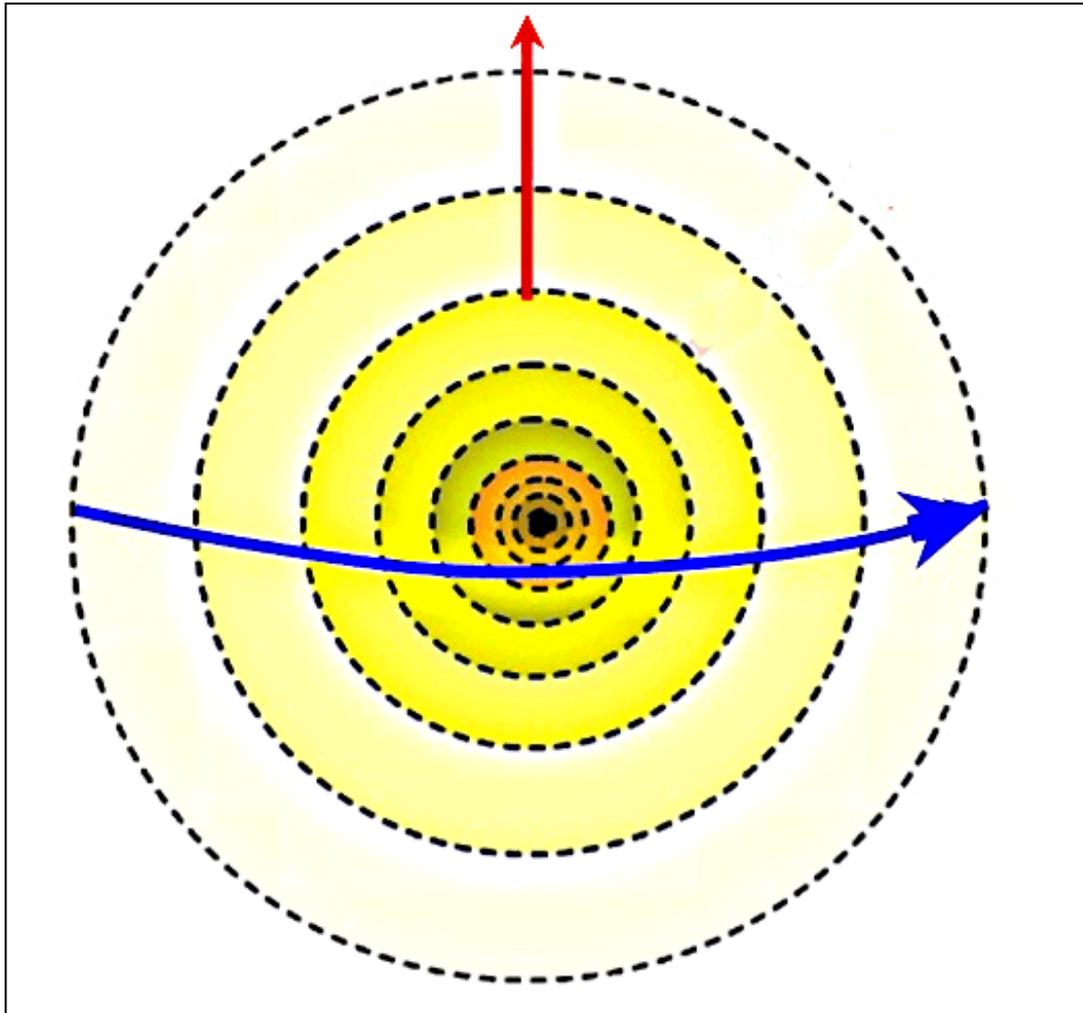
(SUMMARY OF THE DUTCH ORIGINAL)

What we are dealing with is the age-old Theorem of Pythagoras, in which the resultant is none other than the Speed of Light. Since this speed, given as c^2 is a cosmic constant, the factors a^2 and b^2 will be inversely proportional if they move. Since we link a^2 to cosmic expansion, it will strive to attain the full speed of light, while b^2 as linked to cosmic rotation, will turn slower and slower. At a given moment in the future this combined motion must of necessity lead to a catastrophe, where Time will stop and all known motion as well. This is "the End of the World" announced by Jesus in Luk.21,26.

The contemporary riddle of "Dark Energy" therefore is no riddle at all, but the mere expression of a^2 .

Note well, the concept of Space herewith explicitly receives an objectively independent state, whether or not it has any material moving around inside.

The Real “Big Bang” (Theophany)



Division into a negatively rotating northern hemisphere and a positively rotating southern hemisphere.

(SUMMARY OF THE DUTCH ORIGINAL)

The famous theorem also provides the answer how and why the “ylem”, the amorphous matter of the Pristine Sphere, gave rise to opposing particles, to negative charge and positive charge. By rotating on its axis the original sphere of matter, I called Chemosphere, divided itself into two hemisphere, the northern halve (in our picture) rotating anti-clockwise in relation to the axis and the southern hemisphere clockwise. This pristine opposition I prefer to name Yin and Yang as in Chinese philosophy, because of its deep rooting underneath what we experience in actual matter. And the explosion of the initial sphere of energy/matter should not disdainfully be called the “Big Bang” but rather a wonderful direct manifestation of God, a **Theophany**.

Let me also point out that there can be no question of a loud bang — there was no atmosphere whatsoever to propagate shock waves. God can only be found in silence. Nor can there be any question of great heat, for there were not yet any nuclear particles in the Cryptocosmos, colliding with each other or electrons flying at relativistic speeds. Those must have formed much later, in a second phase.

Splitting into Angels and Demons



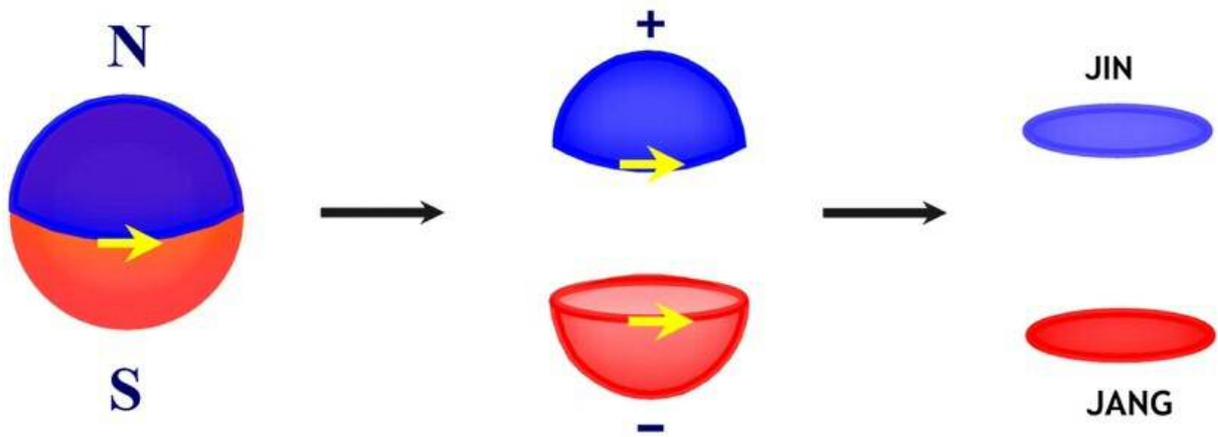
Fall of the Angels
(Charles Le Brun -1690)

(SUMMARY OF THE DUTCH ORIGINAL)

An interesting sidestep can be made here into theology and mysticism, as the combination of a logarithmic layering of matter and a rotational splitting into Yin-elements and Yang-elements, fifty-fifty, points to the Christian believe about the “Rebellion of the Angels”.

Eastern doctrines, much more at home in the World Beyond than the Western Civilizations, teach the principle that every material structure or being has some spiritual counterpart: the “Akashic Record”. Adhering to this idea, we can identify the splitting of the countless density bulbs with the separation of ever so many angels (turning right) and demons (turning wrong), at the dawn of our Universe. Mind you, density and rotational speed of the bulbs (concentric layers) make them exactly equal in energy, whatever their volume. Therefore the innumerable (absolutely) elementary particles bursting out of the explosion need be all of the same mass and energy. A stunning deduction: there must be just as many devils as there are angels. As reason and motive for the Rebellion and subsequent strife we see the divine command to submit themselves to (inferior) humans in the Person of Jesus.

Silent and Cold explosion into a myriad of truly elementary particles



Yin-kind of monads become **waves**

Yang-kind of monads become **particles**

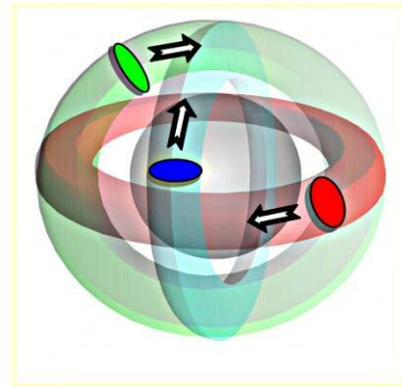
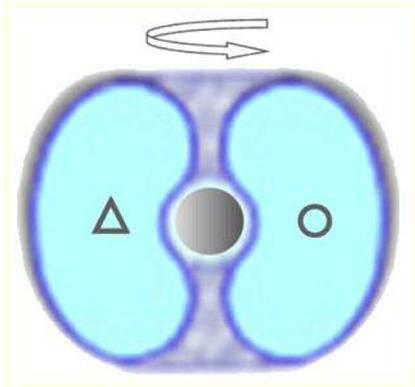
(SUMMARY OF THE DUTCH ORIGINAL)

Because of the overall axial rotation of the Universe each and every layer bulb likewise must have split into two halves, which rapidly accepted the aspect of a biconvex lens under the impulse of an annexed striving for equilibrium. If chemists were working on the ground floor and nuclear physicists in the basement, we are here exploring a hidden crypt beneath it all (a **Cryptocosmos**) with absolutely fundamental laws and forms, that science or technology will never be able to bring to light, but which dictate all processes and forms of the floors above.

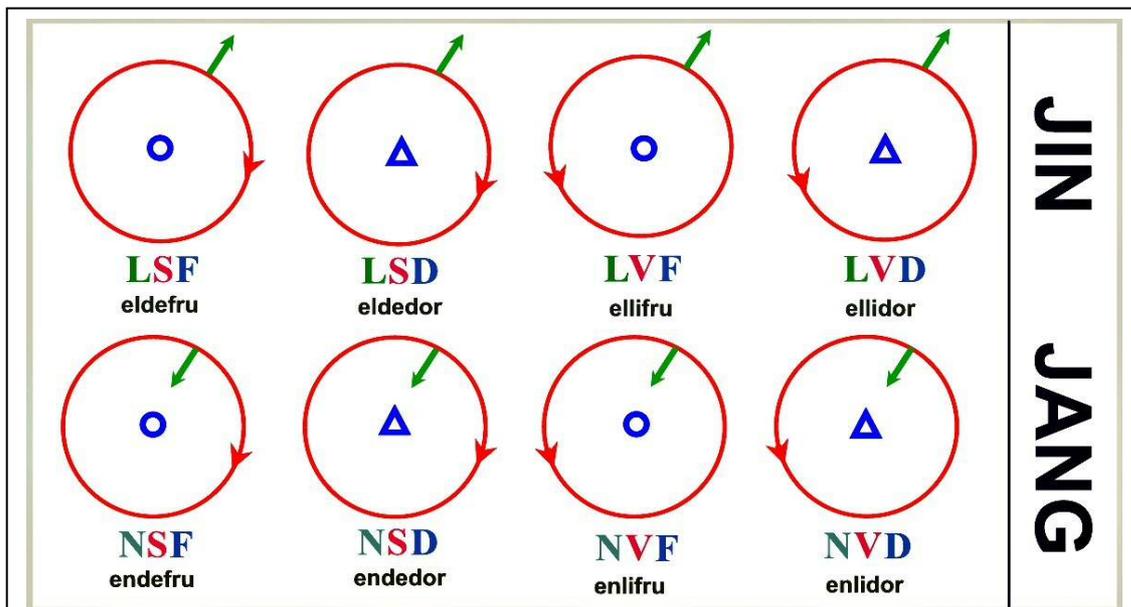
An elementary lens, which I call an “**anu**” (from the Sanskrit equivalent for “atom”) and which is akin to a “quantum”, has three motions or forces: lateral expansion or contraction, clock-wise or counter-clockwise rotation, axial orbiting forward or backward; all three proportionally linked. These basic properties create $2^3 = 8$ **different types of anus** — “the Cryptocosmic Eightfold” — grouping themselves into four yins and four yangs. The yins, striving to expand, will become waves. The yangs, striving to contract, will become particles. It is this interaction and opposition among the eightfold which give rise to the now well known nuclear zoology of (henceforward) secondary particles, foremost electrons and protons.

The reader, who wants more specific details about those processes should try my PowerPoint on DVD (“De Theorie van Alles”) — unfortunately up to now only in Dutch — or even more detailed my web book (www.teorioprincipio.net).

Aspect and Structure of Electron and Proton



A **Higgs-boson** in the center of both
 Around the electron a turban of **photons** (waves)
 Around the proton three strings of **quarks**



The Cryptocosmic Eightfold

(SUMMARY OF THE DUTCH ORIGINAL)

A yang-type of anu, describing by its own incentive an ever smaller spiral, will end up as a **quark**, turning in a ring at nearly the speed of light. The inheerent incompatibility between its straight axis and its curved orbit (a Pi-relation) however will make the particle wobble so that, at some probabilistic moment, the ring will collaps and the particle will start pivoting on itself, now really attaining the speed of light. A minuscule “black hole” thus jumpes into being, to-day called a Higgs-boson which provides all standard particles with mass (weight).

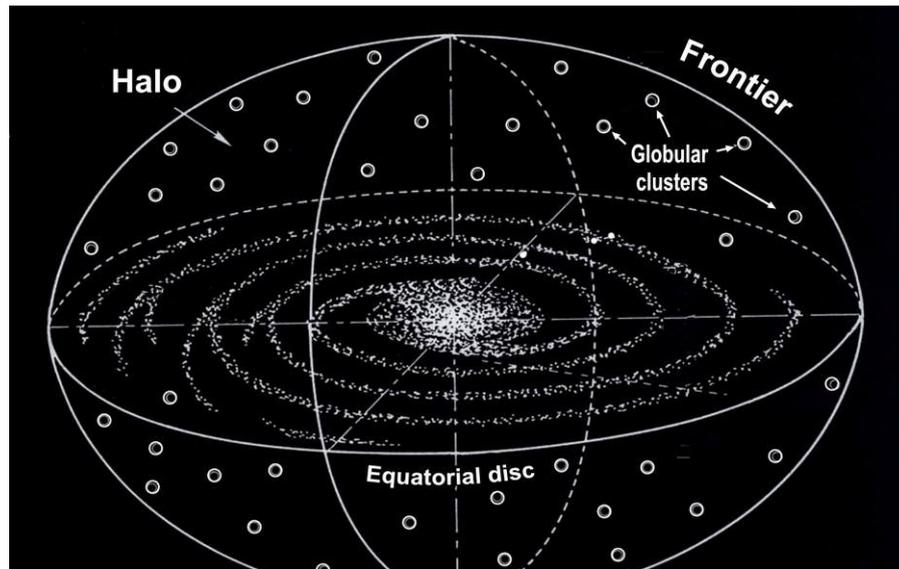
This way electromagnetism (at the crypto-level) will have turned into gravity, the long searched for doorway to the “Unified Field Theory”. It should be noted this tiny “graviton” consists on the inside of pure and maximally concentrated magnetism, while on the outside its force arms, spreading out into infinity like a lawn-sprinkler, consist in the cryptocosmic framework, of pure electric force, which we experience on the outside as the classic gravity.

Thus one should understand there exist two kinds of gravity, one of a purely magnetic nature and one of a purely electric nature.

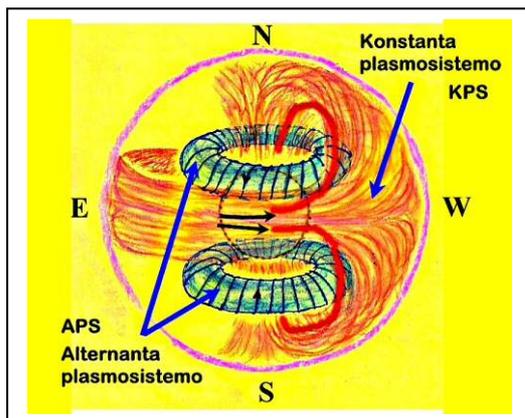
Thus far for the world below, the Microcosmos and its hidden sublevel.

The Mahagalaxy

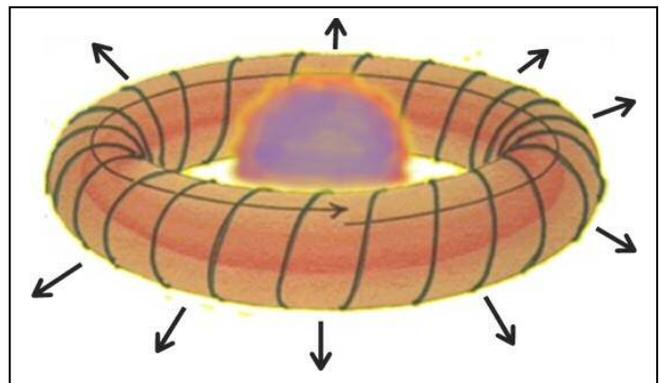
Final Form of the Universe



Superficially looking like a normal spiral galaxy, but consisting of galaxies instead of stars



Inner working of the Sun



Creation of a solar system (stellar quasar)

(SUMMARY OF THE DUTCH ORIGINAL)

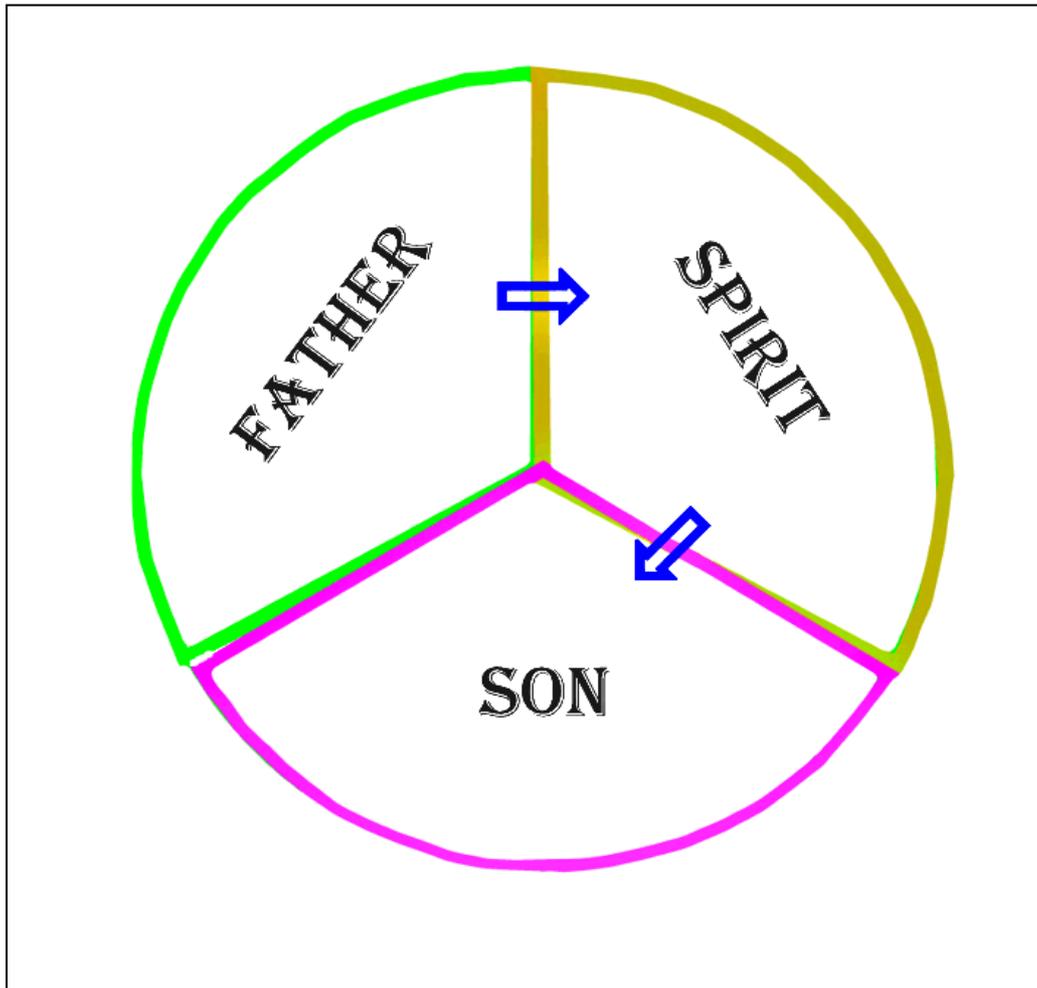
A crypto-elementary gravity sphere (Higgs-boson), seen as a microcosmic “black hole”, comes in two standard types, one pivoting left, the other pivoting right. Each of these is keen on merging with others of the same type, perhaps without limit. If such an agglomeration escapes the stringent laws of the atomic nucleus, it will grow, the one into stellar kernels, the other into galactic kernels, which leads to automatic creation of stars and galaxies on quite other foundations than just the traditional gravity. They will be all self-engendering out of the immense clouds of hydrogen gas, themselves also self-creative in silence and cold.

Furthermore, the plasma currents, at work hidden within a star, will lead (in an early faze) to the creation of a solar system by expulsion of “plasmatrions”, which we observe as stellar quasars.

Because of the rotation of the Universe hydrogen atoms, and finally all self-sustaining matter, from the very beginning of time have been herded as a flock of sheep into forming firstly a spiraling disk of gases and finally the sculpting of a supersuper-galaxy, I call the **Mahagalaxy**, consisting of galaxies and only on the secondary level of stars. This supersuperstructure explains the so-called “honeycomb structures” recently found, with gigantic empty spaces between them.

(End of the first part)

The Divine Hierarchy and Structuring



Father = initiator

Spirit = messenger

Son = performer

(SUMMARY OF THE DUTCH ORIGINAL)

In order to fill in our quest for trinity in the Universe, we have first to take a good look at the Three Divine Persons, for as much as they are accessible to the human mind.

Bible and subsequent theology reveal that each Person has a particular function in the Trinity. The Father is the one who takes the initiative and makes his will known; the Ghost (Spirit) is the one who carries this will as a superior action to the Son (Word); the Son is the one who realizes the will. This constitutes a never ending Act of Love among the Trinity. Most striking here should be that the Holy Spirit always and inevitably works and appears **between** the Other Two.

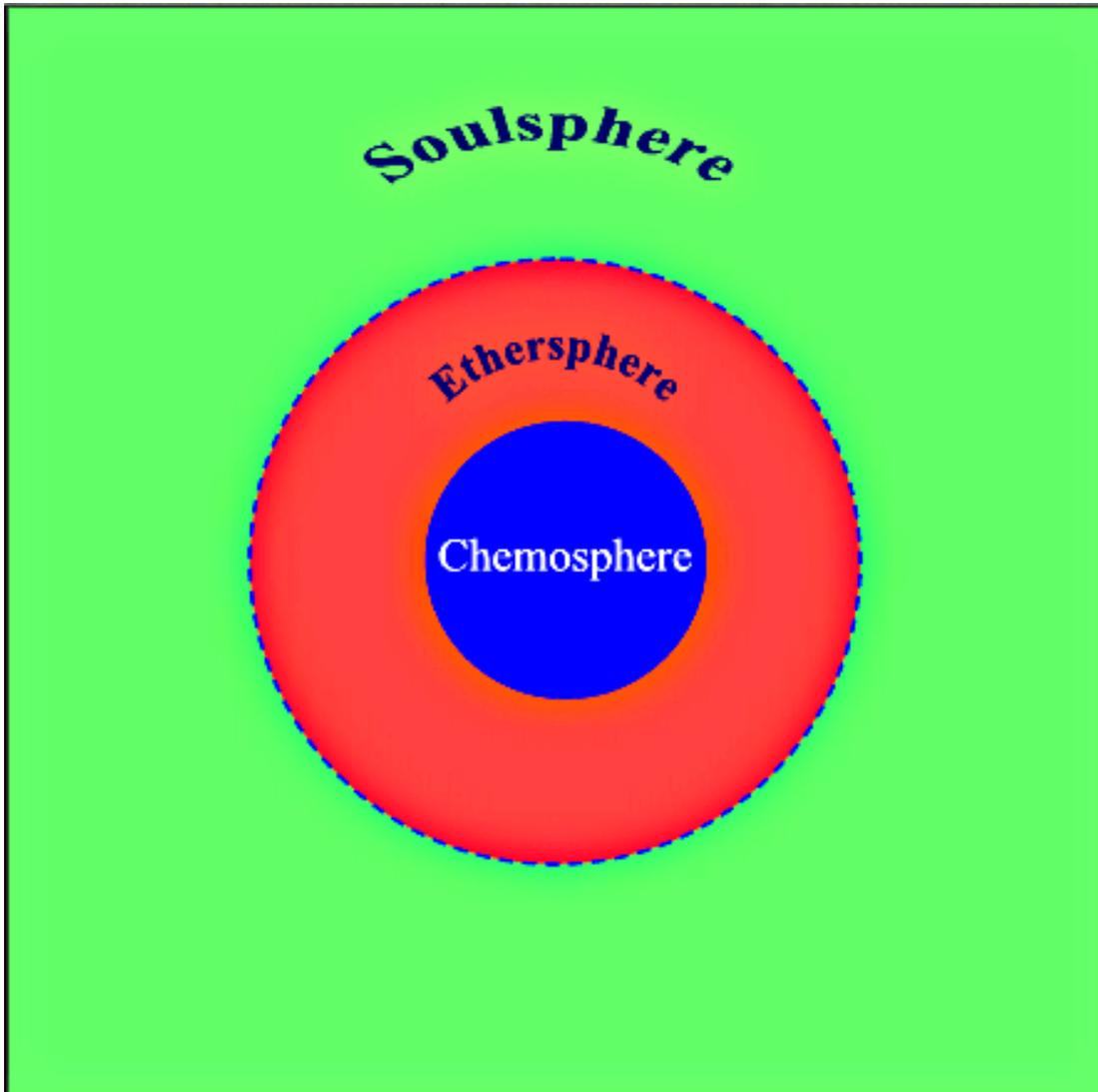
We thus find in the Trinity not only a very specific hierarchy — though all Persons are quite equally eternal and ubiquitous, thus of Divine Nature — but also a definite "direction of current" here shown as turning clockwise. Clear and reasonable as this statement may be, it totally contradicts tradition, best and most often expressed in the Sign of the Cross: "in the name of the Father, the Son, and the Holy Spirit".

We can only explain this fundamental "error" as a historical necessity in the evolution of the Jewish creed, inherited by the followers of the Messiah Jesus. Amidst the widespread polytheism, the Elected People had to be firmly founded on a totally unique Godhead – JHWH. When the promised Messiah finally appeared, in the person of Jesus of Nazareth, He had therefore a hell of a time convincing the theocratic leaders He was "the Son of God", therefore a second Godhead. Even His numerous astounding miracles convinced only the meek and pure of heart, but not the conceited and highly corrupt High Council which condemned Him to death in a loathsome mockery of a lawsuit.

Afterwards His disciples, utterly devoted to His authority, readily accepted the existence of even a third Godhead, the Holy ghost, who would come over them at Pentecost and guide them throughout history, that is the Church as Mystic Body of Christ.

Here we too, as modern people, have to realize that the knowledge of and about God is not fixed but a continuous and evolutionary process, in which the Creator makes Himself fully known only gradually. In that respect Tradition is both a blessing and a handicap. A handicap where it stubbornly wants to stay put, leaving no room for the Holy Ghost to step out of the accepted borders, a rather pharisaic trait...

Triple Hierarchical Projection



Father → Soulsphere
Spirit → Ethersphere
Son → Chemosphere

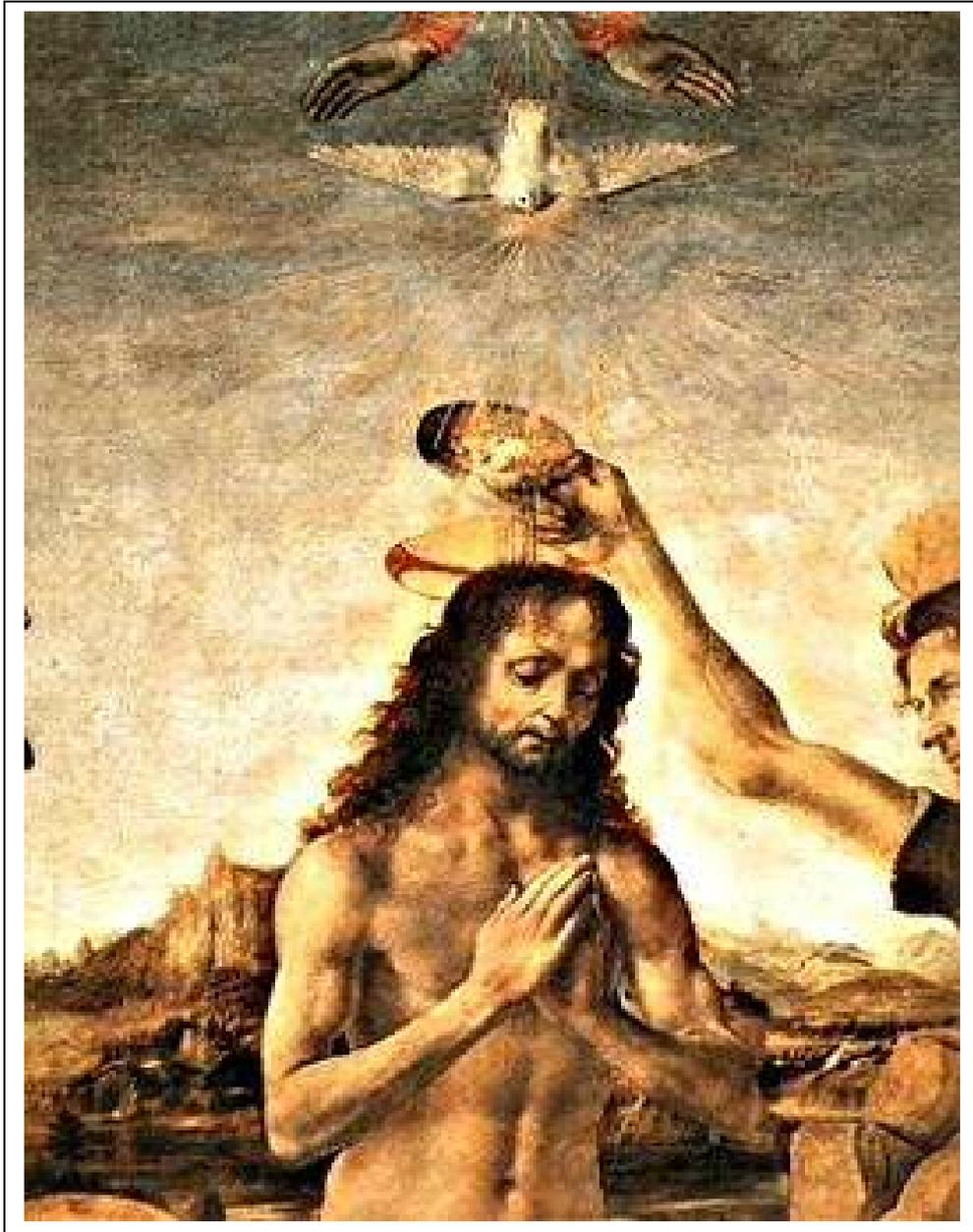
(SUMMARY OF THE DUTCH ORIGINAL)

Such a formidable step outside the traditional concept is to project the Holy Trinity as a triple layer of existences instead of the usual duality of body and soul, or body and spirit.

At the lowest level we have the sphere of concrete matter (ylem) which is a direct projection of God the Son, here named the Chemosphere, preferable I think to “quantum soup”. Above it and as a middle layer is de the projection of God the Spirit, which encompasses and penetrates the former layer, named Ethersphere, a spiritual level. Its limits can only be given as a dotted circle. Thirdly there is the uppermost layer or sphere, the Animosphere, projection of God the Father. Since it is infinite, even as a sketch, no tracing can be given. It too encompasses both the former layers.

Along with the double motion of our Universe, this basic principle makes for a new copernican revolution, supposedly “the Halvelikan Revolution” with countless impacts on the still ruling paradigm.

Matter as Projection of the Divine Word



(SUMMARY OF THE DUTCH ORIGINAL)

This triplication has been quite overlooked, although several religious contexts clearly enough refer to it.

There is the Baptism in the Jordan river, where the Father's voice was heard from above and the Holy Spirit in the form of a white dove alighted on the head of the Son.

There is the introduction to the gospel of John: "In the beginning was the Word, and the Word was with God and the Word was God. Everything came into existence through Him and without Him nothing came into existence what exists."

There is above all the marvelous statement by Jesus Himself in John 14,6: "I am the way, the truth, and the life". this can without effort be understood as the way every mortal man has to go, the truth of the Holy Spirit, and finally the eternal life of the soul in God the Father. A threefold layering.

Finally, and now we can even go back to Genesis 1,26 which states that every human being, after the model of Jesus, is a triple personality: *"Let us make mankind in our image, in our likeness, so that they may rule over the fish in the sea and the birds in the sky, over the livestock and all the wild animals, and over all the creatures that move along the ground."* God is a Triunity, thus ...

On this account profound thinkers like Bruno, Spinoza, and Teilhard de Chardin were condemned as pantheistic heretics, simply because neither they nor their opponents saw sufficiently clear the difference between the infinity of the Creator and the infinity of the Creation. Faith as well as Science are in dire need of a complete revision of their foundations.

Thus no longer a classical duality of body and spirit.

The Ethersphere as Projection of the Spirit



(SUMMARY OF THE DUTCH ORIGINAL)

On the spiritual and even esoteric level the Ethersphere is the world of angels and demons, the world where many teachings and phenomena about the Beyond find their place and explanation.

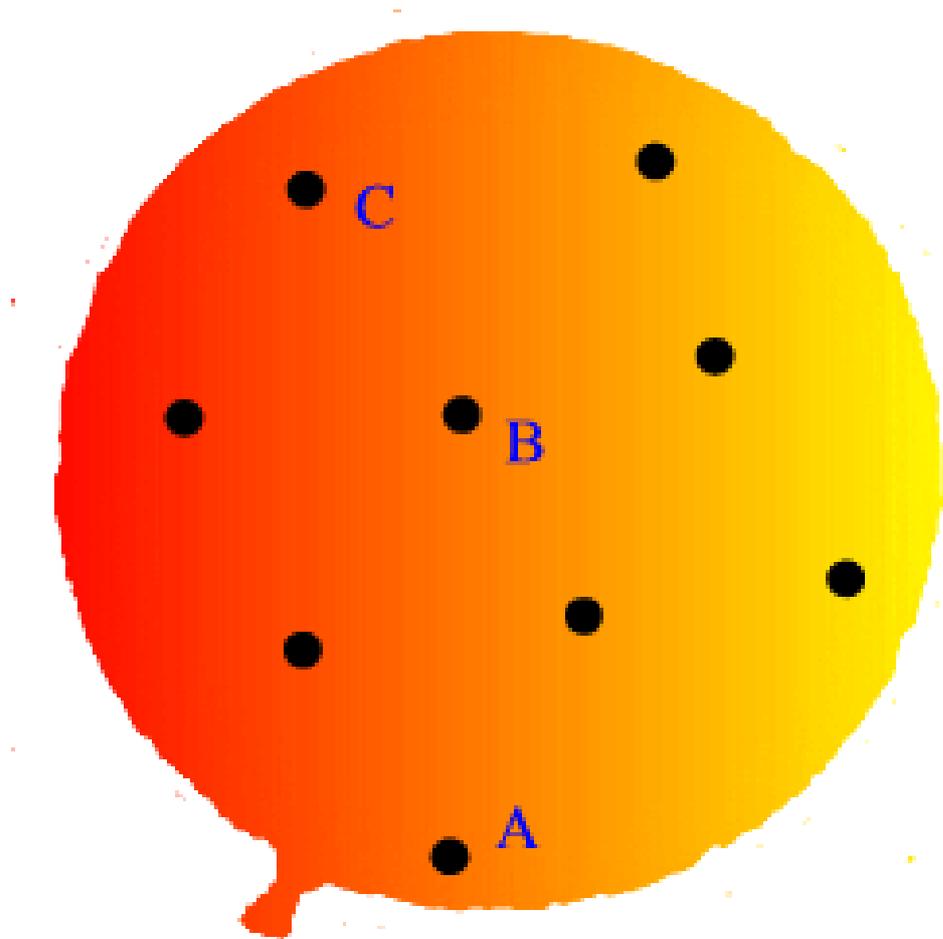
It is also the level where we have to situate the powers in Man, usually called paranormal and which the Church, in my opinion wrongly, indiscriminately condemns as pure superstition or devilry. Sure, it is a dangerous realm to enter unwittingly and unarmed. But sailing the seas is dangerous too, many lives were lost there. But should for that reason abolish navigation ?

Everybody possesses these powers — telepathy, presentiment, healing, even telekinesis — but only very few are capable of activating them and ruling them at will, for good or evil. We mustn't forget, the restriction to a few "gifted ones" is due to the Original Sin, which not only considerably reduced our reasoning power and our will, but equally our mystic powers.

According to the old catechism the first human couple possessed not only supernatural grace (powers of the soul) but also extranatural gifts, without really specifying what they consisted of — power of the spirit — but seem officially reduced to inspiration and intuition. Many saints have demonstrated these gifts throughout the ages: levitation, bilocation, reading thoughts, visioning the past of the future. Those capabilities must all be attributed to the medium level of the Spirit, not to the Soul.

In this essay we shall not delve any deeper into that subject, but turn our attention to the more physical and mathematical aspects of the Ethersphere. Yes, they are there all right !

Expansion of the Universe traditionally seen as blowing up a balloon



A,B,C = ever receding galaxies

Balloon devoid of any interior or center !

(SUMMARY OF THE DUTCH ORIGINAL)

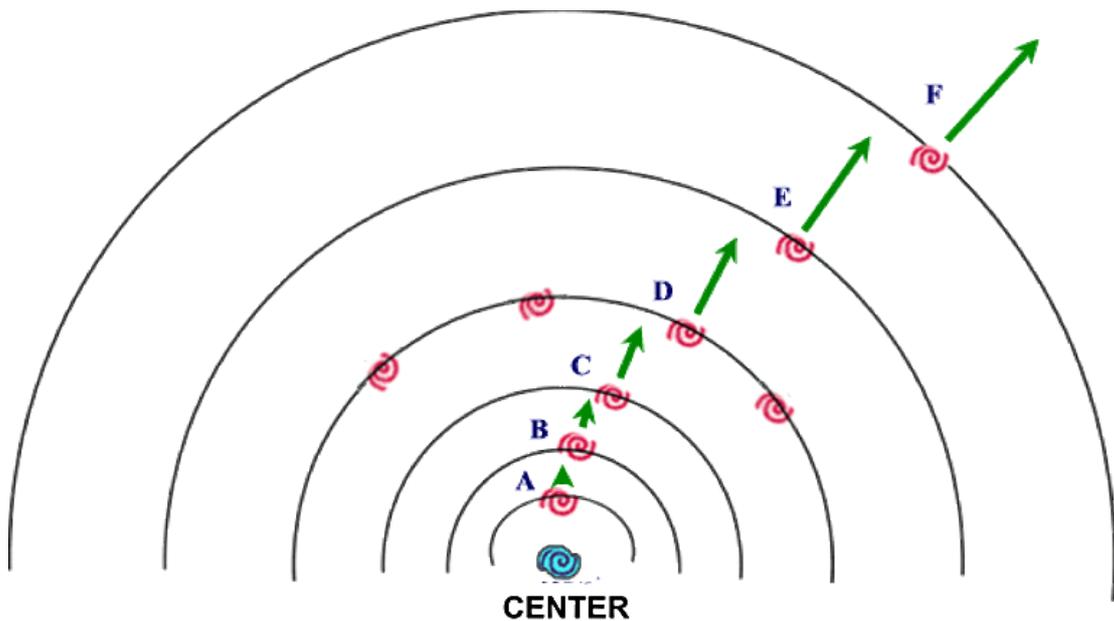
Usually, when someone refers to the Universe, he means the material bodies therein, like comets, planets, stars, galaxies and the like, which we here explicitly link to the Chemosphere and its phenomena.

But all these heavenly bodies cannot exist unless they have a surrounding space to roam in and that is something altogether different, apparently abstract and yet quite real. Einstein for one considered space real enough to see it get curved and “warped” under the pressure of material bodies. To us it is none other than our **Ethersphere**,

Alas, the fantastic geometry used by Relativity, with its “four dimensions of space-time” leave cosmologists no other way to represent our universe but as a big rubber balloon, the skin of which is full of polka dots. This in order to explain why all far-away galaxies appear to be receding from us at ever increasing speeds. Inside that balloon we however find absolutely nothing, not even space since all space is limited to the rubber skin. Indeed, on that model one can select just any black spot and all the others seem to be receding from it because of the expansion of the balloon.

Though it is utterly unreasonable and irrational, this standard model has to be taken as gospel truth by the layman in the name of Science. Common sense is out of the question.

Expansion of the Universe seen as Inflation of the Pristine Sphere



All galaxies seen to be receding,
anywhere you look, outward, inward,
along the same level,
yet the Universe is not an empty balloon
and it has a spatial center.

(SUMMARY OF THE DUTCH ORIGINAL)

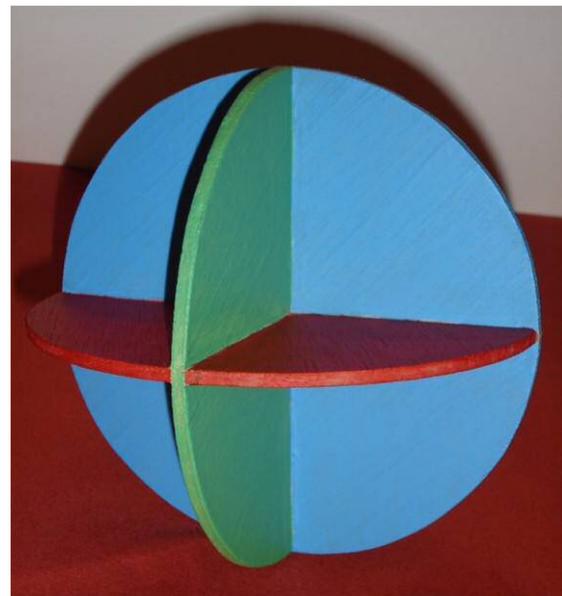
To the contrary, our new theory of a filled spherical universe with a layered structure, expanding and rotating, is both rational and reasonable, while totally accounting for the general (and increasing) speeding away of galaxies.

Take for instance point **D** as our Milky Way and look along the radius to point **F** on the rim. All other galaxies are flying away from **D** at ever increasing speed. Now, from the same point of observation, look alongside our own curved layer. Again we get the same impression. Eventually we might see very faintly the back of our heads as the most distant galaxy.

And even when looking towards the center — something utterly missing in the standard model — we will see all other spots running away from us. At first thought this idea seems contradictory, but no, we have to take Relativity into account. We ourselves are receding faster than any inside object, but are under the wrong impression we are standing still, misled by our senses.

Of course, this phenomenon pertains to the general expansion only. If we take also the cosmic rotation into account, then we end up with the Mahagalaxy.

The Geometrical Projection



THE METASPHERE

with three really cosmic dimensions

(SUMMARY OF THE DUTCH ORIGINAL)

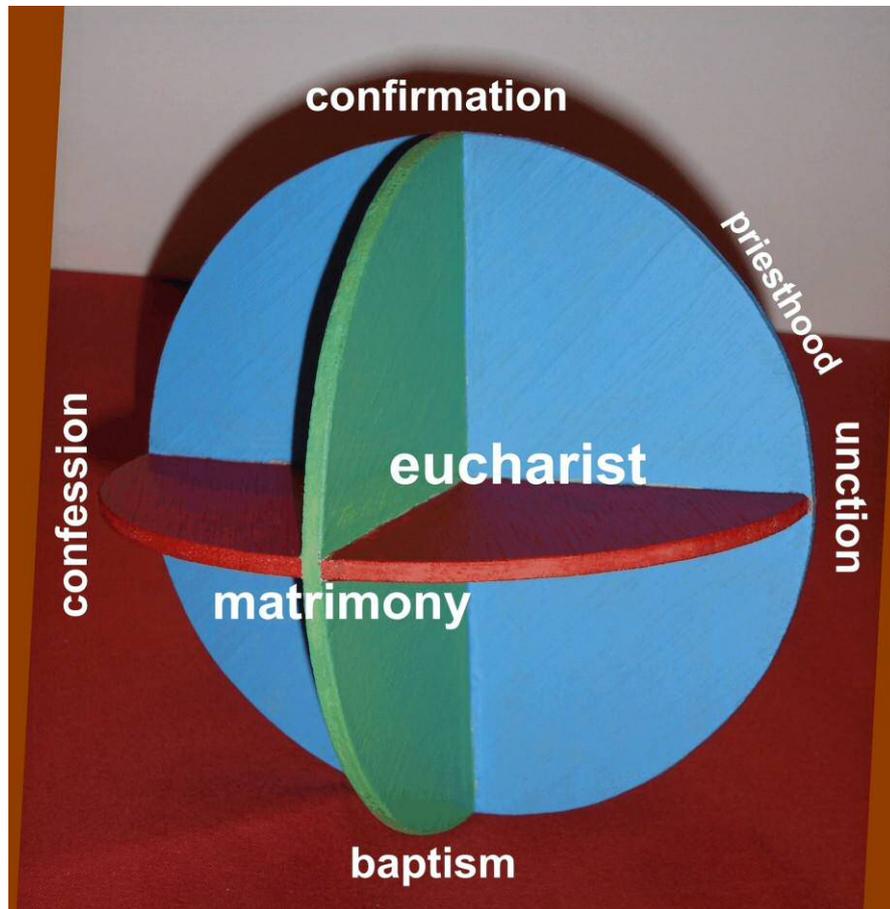
Little or nothing can be stated about the upper layer, about the Soul, as the realm of the Father, impenetrable to us mortals. True, we know that, when the final Revelation will have come, we will be equal to Him, because we will see Him the way He is (1 John 3,2). But that can only be attained by ourselves becoming eternal and omnipresent, a state out of reach for science and even theology.

However, our system contains a second form of projection of the Divine Trinity, to wit **a geometrical projection**. This may pertain to all three spheres, but we'll apply it here in particular to the Ethersphere, seen as Space. This space necessarily has to have geometrical and thus also computable properties, foremost **dimensions**.

So, taking hold on a filled sphere as the proper form of space, we recognize the Holy Trinity projected in the form of **three disks**, perpendicular to each other, two vertical ones and one horizontal. I call this geometrical structure the **metasphere** which accommodates all possible mathematical concepts, one way or the other, directly or indirectly.

This sheds a whole new light on the definition of "dimensions", up to now still imbedded in the obsolete Euclidean worldview. A correct view of this concept is of foremost importance for the Theory of Relativity, not further developed here.

Mystic Background of the MetaspHERE



The Menorah



(SUMMARY OF THE DUTCH ORIGINAL)

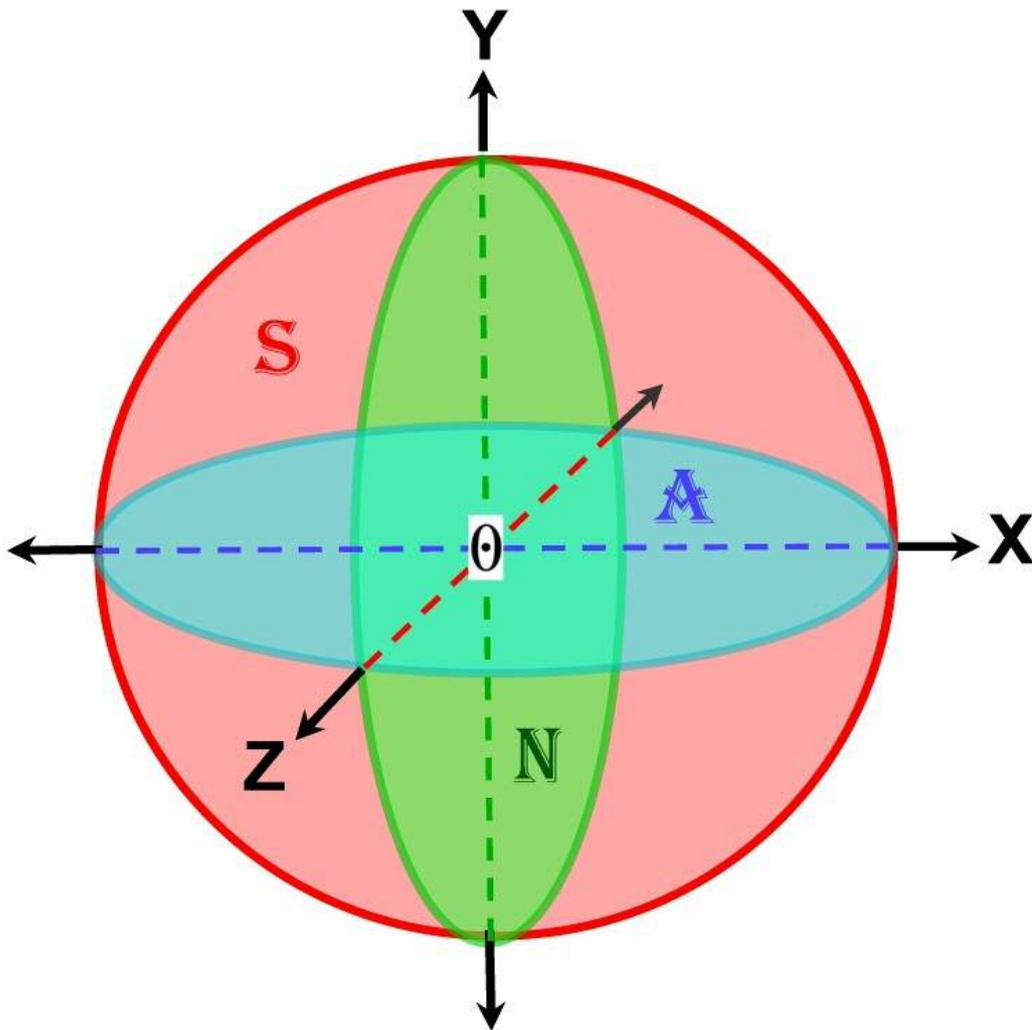
The metasphere not only bristles with purely scientific concepts and laws but it is equally well rooted in metaphysical concepts and laws. To make that clear we only have to direct our attention to its nodes. We count seven of them, namely six junctions on the rim and a single one in the core, the heart.

These nodes represent just as many “taps” through which Gods grace flows out into the world. Hindu teaching would call them *chakras*, but Christians will recognize them as **the seven sacraments**. They clearly show up ritual groupings two by two. If we take Baptism and Confirmation on the horizontal slice, then we get Confession and Extreme Unction on the vertical slice, while Matrimony and Priesthood on the sagittal one. The place of honor as kernel is reserved for the Eucharist, which will remain there forever without counterpart when the Universe will cease to operate.

Even the Jewish cabbala can find associations there, for if we fold the disks together and adapt them a little, there appears the seven branched menorah., mentioned in Zechariah 4,2: *“I see a solid gold lamp stead with a (oil)bowl at the top and seven lamps on it with seven (oil)channels to the lamps.”* Plus also 4,10: *“The angel said: These seven lamps are the eyes of the Lord that range throughout the Earth.”*

It is a pity this great symbol is not duly venerated, not even by the Israelites themselves, who prefer their eight branched lamp stead because it so nicely flatters their national pride.

The Cosmic Dimensions



Three dimensions in the form of three discs:
two spatial ones plus one of time.

Their junctures are
the classical three dimensions

(SUMMARY OF THE DUTCH ORIGINAL)

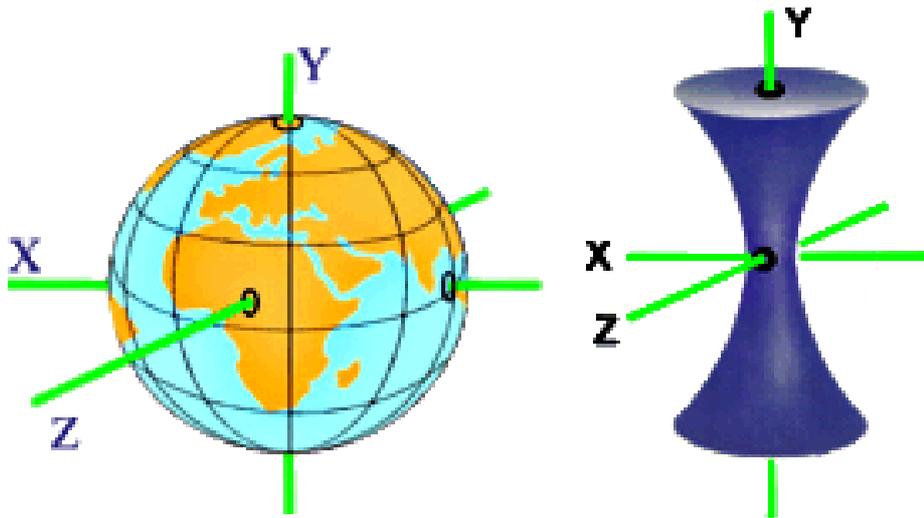
It is not difficult to perceive those three cosmic disks as structural projections of the Holy Trinity. Namely as two specifically spatial planes — here colored green and blue — sprouting from the Father and the Son, and as one specifically temporal plane of motion — here colored red — sprouting from the Holy Spirit. The latter one links the former two together and drives them on as the aforementioned couple of forces: expansion and rotation.

To believers it is a great comfort at present to see in a mathematical way how everything is driven on and guided by the will of God, from the very beginning until the final end.

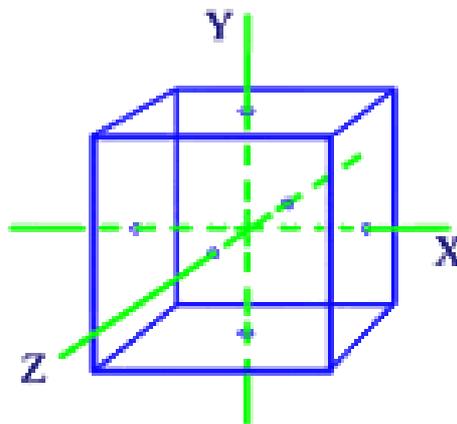
As hinted before, this dynamic structure scatters a main foundation of Relativistic Theory, the so-called “four-dimensional space-time continuum”. We are in fact nowhere dealing with four straight lines perpendicular to each other, taken as absolute dimensions. On the contrary the straight lines are only secondary axes, while the three disks are truly primary dimensions.

Moreover physicists have grown accustomed to interpret algebraic exponents as (axial) dimensions of space without any proof they are allowed to do so beyond the first three. So today we are roaming about in an abstract labyrinth of up to 11 “dimensions” and a multitude of capricious universes beside our own, a real muddle in dire need of being drastically cleaned up.

Traditional Types of Geometry



SPHERICAL HYPERBOLICAL



CUBIC

Relativity cannot decide between the curved ones

(SUMMARY OF THE DUTCH ORIGINAL)

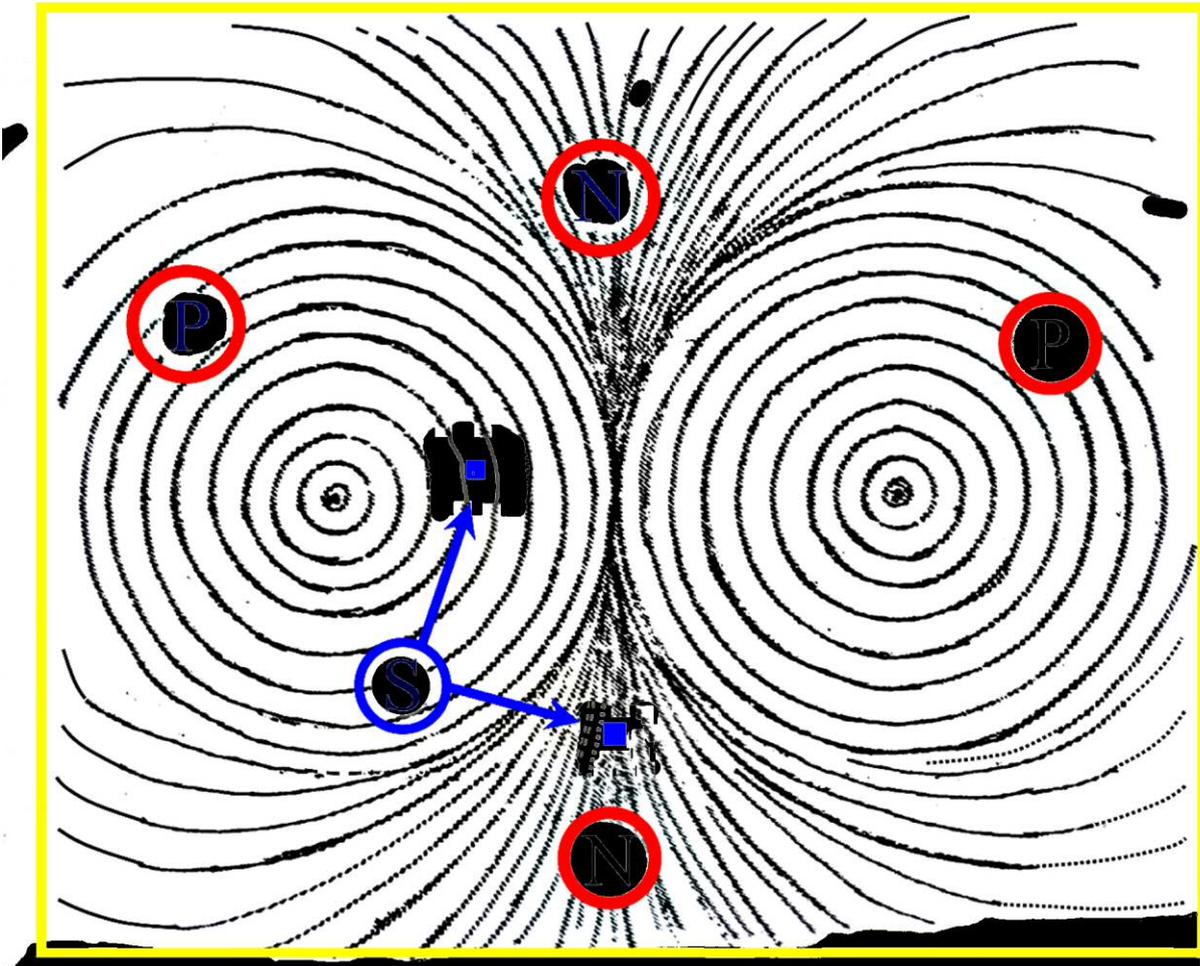
Now, through the ages mathematicians have cooked up a variety of geometrical systems, all sprung from problems unsolvable inside the classical Euclidean space, particularly the postulate about parallel lines.

Luckily, all these intricate concoctions can be reduced to three fundamental systems, the axioms of which are to some extent convertible into each other without losing their validity. Those are the spherical geometry with a positively curved space, the hyperbolic geometry with a negatively curved space, and the old standard Euclidean geometry with a cubic (or quadratic) straight space.

Up to now mathematicians have been unable, inside their cherished ivory tower, to decide which one of their basis systems applies to our Universe, and as a result so have physicists and cosmologists.

Along with Einstein a majority tends toward spherical (or elliptical) curvature, because this seems best fitted, but without any solid proof.

Geometries and Force Fields



... within interacting energy fields

(SUMMARY OF THE DUTCH ORIGINAL)

In our way of thinking, they all make the fundamental mistake of considering space as a purely abstract object, independent of the material world. A true mathematician cares only for the esthetical coherence, the beauty, of his conceptions, not giving a damn whether they apply to reality.

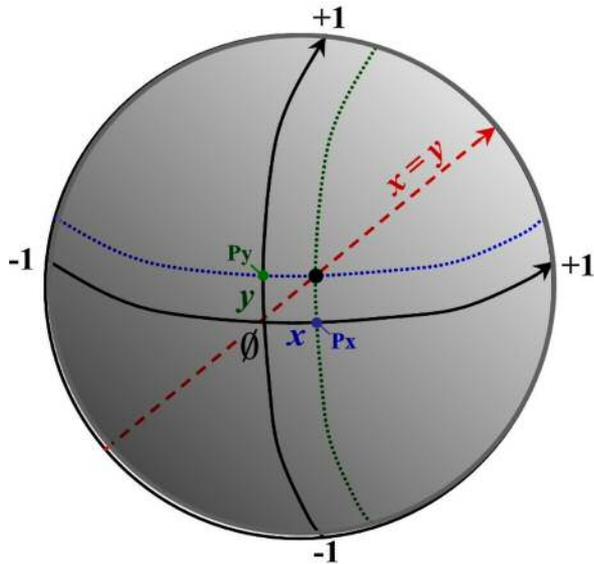
But, along with Einstein we must and may consider THE space of our Universe, the Ethersphere, as a physical reality. Indeed, we must realize that we are unavoidably dealing with an enormous energy field, possessing both physical and spiritual qualities. This field of force must not be identified with any of the now familiar and established forces of Nature — electricity, magnetism, gravity — or even with the two extra forces thought to reign in the abodes of the atomic nucleus.

In fact there is no sense at all in trying to detect or even to measure the Ether, as if it were some “dark matter”, the topic of the day. The ether we postulate in this Theory of All penetrates and encompasses everything material, but cannot itself be approached in any physical way.

Even Einstein was entirely wrong to think a gravitational field can influence the space, the Ether, around it, even warping it ! Mystified by the four-dimensional geometry of Minkowski he, and all of his disciples, didn't realize that any forcefield must be considered as an independent space, to which a given geometry can be applied. There is no need whatsoever in trying to pin those to the Universe as a whole. If anything gets twisted, it is the (weaker) field which skims along – but in the power of - the stronger one

It suffices to push two gravity fields — inherently closed and positively curved — together, which is warp and woof in the cosmos, to make it clear all three of the basic geometries can be applied to them. Inside those field we encounter positive curvature and in between them negative (hyperbolic) curvature. And if we isolate a wee tiny bit in one of those spaces, there appears the good old square world in which we humans think we are living, a world full of illusions in many respects, where our senses are deceiving our perceptions. Our world indeed is some borderline halfway between the microcosmos and the macrocosmos. Apparently it was conceived by God as a kind of theater, where the Human Tragedy could unroll itself.

Two Real Geometries

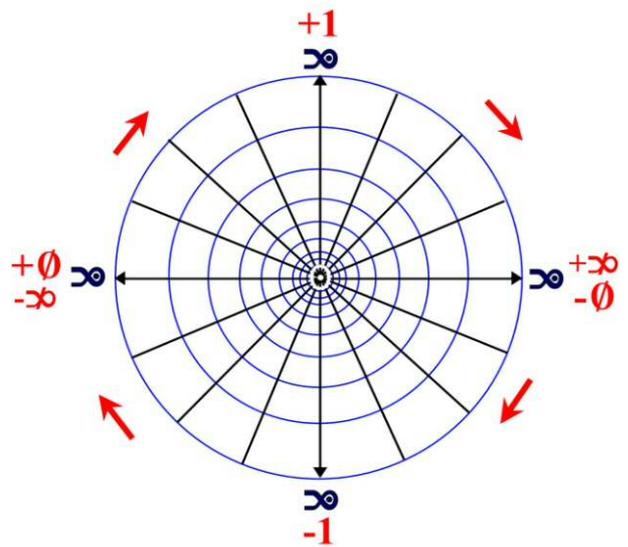


SURFACE OF A SPHERE

A traditional straight line is merely an arc divisible into equal parts.

INTERIOR OF A SPHERE

A traditional straight line is a radius logarithmically structured.



(SUMMARY OF THE DUTCH ORIGINAL)

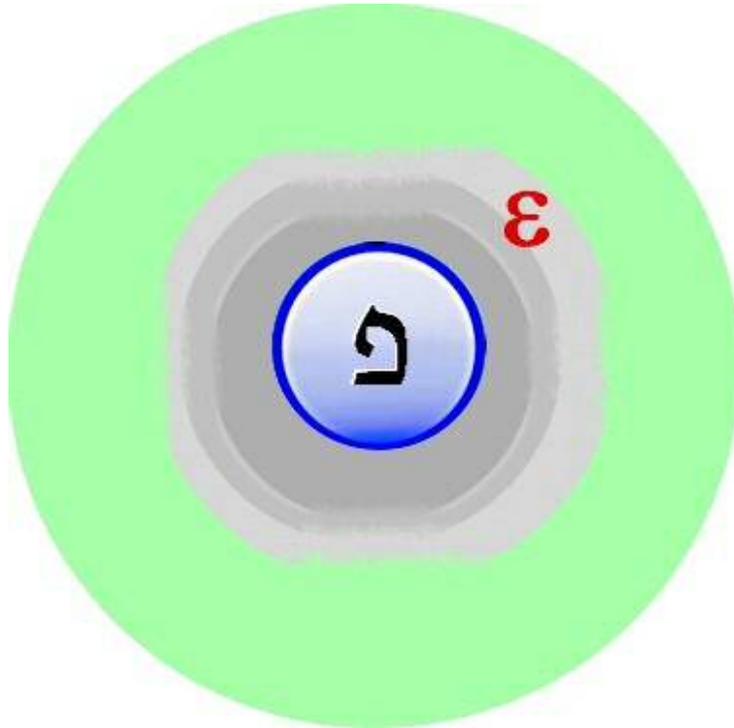
Put a piece of paper on the desk before you and draw a line straight out. Do you now really have a straight line? Oh no, for if you draw it further out to a hundred miles, a thousand miles, you'll see it gradually becoming a curved line, spanning the earth and coming back at you from behind to make it a closed circle. What to you eyes seemed to be a short straight line is nothing but a piece of arc. Don't think, as a mathematician would you can push the line straightforward into empty space. For doing so you would have to tea yourself loose from the Earth's gravity field. Even if you could, you would be inevitably bound to the curvature of the Universe, the Ether. Note: a curved line or circle can be easily divided into ever so many equal parts.

Now, If you're obstinate about the straight line, just put the paper upright so the line will point straight down to the center of our globe. Then it will indeed be straight because it has become part of the Earth's radius. But lo, now it has become logarithmic in nature because again of the gravity field, so you won't be able any more to divide it into equal parts ! Mathematicians in their ivory tower can claim what they want, really is adamant.

So, just and only two really fundamental geometric systems remain applicable and valid throughout the Cosmos: the one of the spherical surface and the one of the spherical inside, the diameter.

All the many geometries thought up and designed by mathematicians pertain to force fields within the Universe. And since those fields are constantly grappling with one another, making the most capricious and intricate combinations, while eroding all the time, there are in fact endless variations entitled each to a separate geometrical system or class. It remains an open question whether our mathematicians, even if provided with supercomputers, will ever be able to meet the demand. I'm thinking here particularly about the ring fields which play a preponderant part, in the microcosmos as well as in the macrocosmos.

Chance & Probability



Motion and value of the absolute **point** identifiable to a simple Higgs-boson

$$h = 6,6252... \times 10^{-27} \text{ erg/sec}$$

Planck's Constant

(SUMMARY OF THE DUTCH ORIGINAL)

An important factor in all that is Chance on the one hand and Determinism on the other hand. One should not consider God's Creation — the "Big Bang" — as a one-time spectacle performance, after which He left things take their course. No, everything in the Ethersphere, the material Chemosphere, is being driven forward to a given final purpose: Reunion. The destiny of the whole thus is well established, but then only the whole, the great mass, humankind ... but not so the individual human.

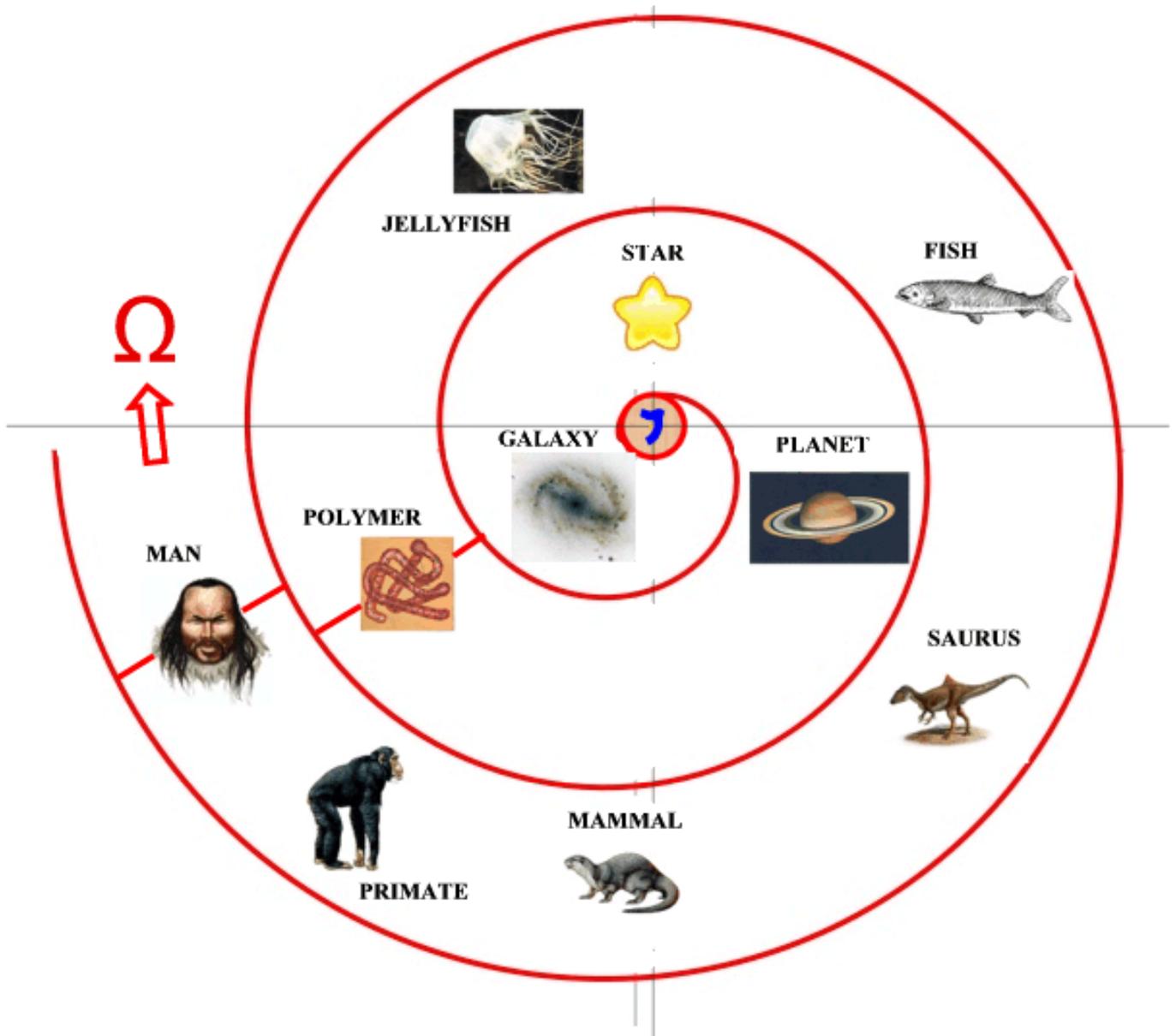
On the individual level, or relating to any a handful of objects, pure Chance is leading the ball. If not, the Creator would have been unable to provide his chosen creature, Man as the goals of Creation, with a Free Will to choose between several possibilities, between good and evil, between God and ... himself.

The constant interaction between individual undecidedness and global determination is so deeply anchored in nature, that insurance companies flourish by it. They cannot tell whether you or me or some neighbor will encounter an automobile accident in the coming year, but about thousands of people they can securely predict how many percent of them will fall prone to it. On this basis they calculate a (to them) very profitable policy. Uncertainty for the few, probability for the group.

In physics I dare identify chance unpredictability with the famous **Planck's Constant**. This is a factor which plays an important part in the microcosm and which we can identify on the physical level with a single Higgs-boson (elementary "black-hole"), and on the purely mathematical level with the notion of point. It is the smallest possible value of unit. However, because it is its own reference, we shall never be able to determine exactly, neither in time n (as a moment) nor in space (as a point). This absolute point namely plays hide and seek in a sort of smoke screen, both linking matter to the Eternal Being and separating it from Him.

It is because of this innate uncertainty, that we are and will be unable to pinpoint the End of the World. That fatal moment has to remain only approximate, as it is written [Mat.24,36]: "*About that day and that hour, no one knows, not even the angels in Heaven, but only the Father.*" Talking about this final end in view, let us cast a glance also at the matter of Evolution.

Spiral of Evolution



Progression along the Three Dimensions:

Natural Selection + Mutation + Intelligent Design

(SUMMARY OF THE DUTCH ORIGINAL)

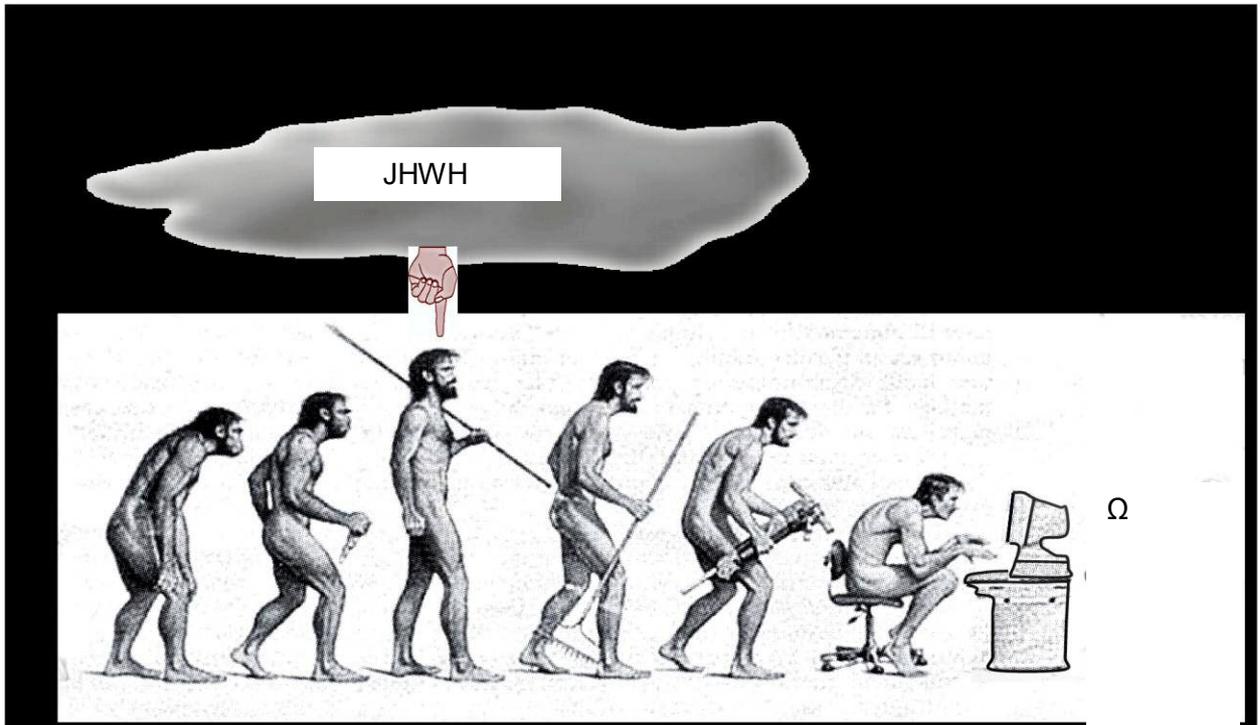
What should be made clear to both parties, Creationists and Evolutionists, this process is not only really at work since the very first beginning, but it went and goes through three phases — yes, three again — from the original transformation of Matter via the development of Life to the building up of the Spirit. Only God can have been able to build up the Universe to such a variegated mixture of material and dynamic structures, serving as a theater for mankind. Nor could any man or group of men incite the chemically developed polymers in the primeval ocean to start propagating themselves as the central property of Life. Let us remember Genesis 1,2 where the Spirit of God hovered over the waters, doubtless for just that purpose.

Actually the biblical account about creation runs remarkably parallel to the standard opinion of geologists, biologists, and historians. Most certain so if we dare compare it to the fantastic myths of other peoples and cultures: Egyptians, Chinese, Hindu, Indians etc. Genesis not only runs along a mounting line of progression but it does so in successive phases — called “days” — which meets the sinusoidal or rather spiraling transformation of the Cosmos. The story is certainly not perfect, shows gaps, and is highly allegoric, as may be expected from a culture thousands of years in the past, but people who scoff at it are ill-informed and ill-intended.

Moreover, if regarded in the light of the present thesis, it shows up a triple structure in evolution. First the darwinistic adaptation to environmental changes (the green dimensional disk). Second the sudden appearances of mutations as discovered by Hugo de Vries (the blue dimensional disk). Third the organizational steering all along the way, nowadays called “intelligent design” (the red dimensional disk of our metasphere), but for which I prefer the term **Teleogenesis**.

In this dynamic structuring God and Chance are no rivals or opponents anymore, but co-operators.

Evolution of Man



At sufficient Brain Progress
infusion of the **Soul** in Man and Woman

(SUMMARY OF THE DUTCH ORIGINAL)

What makes the topic so hotly debated is the fact that Man himself, as far as his body is concerned, becomes part of the process, just like any plant or animal. A lèse-majesté. The very idea of apelike ancestors is repulsive to the mind, however unjustified. Our Theophany on a triple layered basis offers the final solution to the psychological and religious problem. After inserting life in a very remote period of Earth's history, God finally breathed the highest level of existence, the **Soul** into a couple of anthropoids — Adam and Eve — whose body and brain was sufficiently developed to receive this supreme attribute and get intimately linked to God [Ge.2,7].

It was the uppermost moment of Providence, the so-called seventh day in which God ceased working by Himself. On the sixth “day” the theater for Man was finished and ready. So, on the next “day” God put all further development towards the Point Omega in the hand of *Homo sapiens* himself. Of course, still under divine supervision, with God, according to Scripture, taking a sound rest from the arduous labor.

Final conclusion: we humans have to shape our own future, the future destined to us and for which the Universe was developed. But then wittingly and earnestly in the framework and recognition of Divine Providence. That future, now pretty near at hand, will be fulfilled when all people worldwide — to wit “the little remnant” — will work together to prepare the Kingdom of God on Earth, so that Our Lord Jesus can come back again and make it “one Flock and one Shepherd”. At present, woe on us, it is the Great Enemy who steers the helm and keeps us blinded.

END OF THE SUMMARY

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