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## ARKHETYPON

(Traslation by Rosanna Branch)

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*„You cannot petition  
the Lord with prayer“  
J.M.*

The alien carefully looked at the crystal, contemplating it for a few minutes; then he turned towards the wiseman and made him aware of his future. “Everything is already written in the stars”, he said, “and your will or anyone else’s will could never change it. Your will and that of your peers, are part of a sole will, part of an objective which is unknown to human beings; besides, for any other civilization which is markedly evolved in this Universe.

Your subjective will of any biologic entity is a mere illusion. We desire whatever is imposed upon us; those who accept the game, fight, suffer and obtain nothing. And it is this way that God entertains himself, this is his favourite pastime. There are those who actually fight death but must unwillingly survive. A tumour kills only those who are afraid of it. Anxiety, fear and depression increase out of proportions the volume of a tumour. Are you afraid of death? Are you afraid of discovering what lies on the other side of the wall? Well, your time surely will not be delayed.”

After he had heard these last words, the wiseman who was rather afraid, immediately asked the alien. “Why are you talking about a tumour? Am I actually ill? Will I soon die, is this what you are trying to tell me?”

The alien, calmly replied: “The tumour I am talking about has many faces, and each of them has a mnemonic inprint of all of your suffering. On one side, the graceful face of an insensitive woman, on another the image of a few typewritten pages... a thesis, another of the dark and sparkly eyes of a joyous little boy... in more than six hundred faces there is the image of your genes enclosed in a golden cage. The other faces are yet to be completely formed. I am talking about a virtual tumour, but if you shall continue undeterred to desire, this

could become real. If you decide to play the game, that is that you will try to obtain everything you desire, you will go through hell and consequently get closer to God. I want to emphasize that the subjective will does not exist, whoever decides to play the game, desiring and thus fighting against the program, is only carrying out whatever God wishes him to. The almighty brings suffering only to those who need to; because it is only through suffering that love and respect towards our peers can be learned.“

The wiseman tightened his shoulders and began to intensely think about what the alien had exposed and the moment his mind reached the *maximum effort*, his eyes saw the crystal slip from the alien's hands and loudly shattering on the floor; he shifted his astonished look away from the floor and said: “Oh my God! I could have saved it at least a hundred times, it was fallino so slowly“. Immediately the alien replied:“Don't be astonished, it was “*my*” will that the crystal fell while you were racking your brain's out, so that you would understand that the speed of our thoughts is actually more elevated than the speed on which we live and move”.

„But now, without that crystal, you will not be able to reveal my future” expressed the wiseman worriedly. The alien smiled and turned towards him with a gentle voice: “Information regarding your future is inscribed everywhere...on your nails, on that small stone next to my right foot“ he said pointing at it“ ... on the iris of my left eye, on each rose petal which make your garden so beautiful..on any ponderable body of this Universe but not on energy quants; as they are... information. The crystal is one of the optimal ways to enable to extract and decode all the information which surrounds us, relating to our past, present and future; temporal parameters which in the absolute reality of objects do not exist. There is solely an *unicum temporal space* with more dimensions.“

At that point, the alien dug into an internal pocket of his cream coloured spacesuit and extracted a small, flat, transparent and colourless disk, with the physical characteristics similar to glass, and delicately handed it over to the wiseman, who was readily opening his hands to receive it. He sighed, looked seriously into the wiseman's

eyes and said: “Whatever you are looking at into your hands is nothing but a holographic disk; if you will find a way to make it rotate in the right direction and at the correct speed, as well as hitting it in the right place and with the right electromagnetic vibration frequency, and if you will be able to capture on a magnetic support all of the images that it will produce, as well as decode them in the right way...if you are able to do all those things, then the film of your entire life will be projected in front of you with all of its fullness and magnificence“.

Each human being, the moment they were born until the day they die, finds himself living in some sort of *energetic tunnel* of the diameter equalling his height and of a boundless length, similar to a snake which creeps, twists itself and moves leaving traces on the earth’s surface and perhaps on great part of the Universe, a series of endless arabesques of the most unusual shapes, which would appear trivial and unreadable to the human eye (should these actually be observed); but contrary to what one may think, totally *translatable* and rich in meaning in the presence of a *Divine Mind*.

Some people believe that *...Human species* is the name of the software and *Universe* the name of the hardware; but if the software name was *Universe*, what would be the hardware name? Perhaps...God? Can hardware autonomously action themselves and organize themselves? Most probably the most evolved; otherwise it would be necessary to imagine, apart from an endless series of Aleph also an endless series of Eternal Fathers.

In a single *energetic tunnel*, two, three, four or actually hundreds (if not thousands) human beings can “live together”; so an individual, without knowing, could actually be linked via some kind of *wave function* to another person who actually lives on the opposite side of the globe, twenty thousand kilometres away from him. When two human beings perceive that between them there is an affinity of thought, it is actually possible that they find themselves in the same *energetic tunnel*.

A meeting between two individuals who spontaneously feel some sort of affinity of thought, sometimes to an observer, whether slightly or

rather intelligent (also in the eyes of those concerned) can appear to be totally acasual therefore unexplainable from a rational point of view, exclusively taking in consideration the most recent and significant events of the lives of these two people and then making a small a probable calculation on the possibility of a such meeting actually taking place.

Jung spent a great part of his life trying to come to a rational and objective explanation which could highlight and therefore define in terms more or less scientific the previously mentioned phenomenon; however, all that he was able to do (apart from adding such phenomenon a touch of occultism by resorting to the Tarot and Astrology)<sup>\*1</sup> was to denominate such coincidences as significative<sup>\*2</sup> *synchronisms* and associate the concept of contemporaneity of events, (by him defined as *sincronicities*, which is a phenomenon caused by acasual nexuses), a decorated idea bringing forth the concept unifying the latest by attempting a connection with the theory of archetypes, the concept which looked at the gifts and extra-sensorial potential of each individual, and finally by bringing together everything (wherever necessary) with the concept of collective subconscious or to possible links between psyche and matter. Jung's adopted position to define the phenomenon of *synchronicity*, which according to many at that time (as well as nowadays) appeared to be slightly hasty and of a metaphysical taste, anyhow reveals all of its importance in a broader context: the one where embracing the hypothesis of an holographic Universe. (I will go into further detail later in the book). Being able to understand the significance, meaning and logic of endless arabesques of countless *energetic tunnels* created on the earth

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<sup>\*1</sup> *Confr., "Synchronicity" of Carl G. Jung (ed. Bollati & Boringhieri, 1980)*

<sup>\*2</sup> *Coincidences which are significative for the simple fact that they are able, thanks to the constructive thought which normally is aroused and takes shape between two or more similar minds, to bring a change (if not decisive, still an important one) to the life of one or both parties.*

*The example which I used to define the phenomenon of synchronicity, it, imbued with the affinity of thought between two individuals, is to exclusively be understood as a case limited to the inner boundless case yungan case study of synchronisms.*

surface and probably also in more distant spaces, would mean knowing all the laws of chaos governing our *Divine Design*. Man still hasn't been able to perfectly understand how...his own brain *functions*, so how can it know how God's *functions*. Trying to be optimistic, we could however ask ourselves: "Could there ever exist, in a certainly rather distant future, a physical instrument created by man, which when located in a determined distance from the Earth (or even on Earth), which is able to detect and record all the movements made by a convulsive mass of *energetic tunnels*, of each biological entity present in such *tunnels*, and then, resorting to the most complex mathematical formulas which regulate the laws of chaos, establish with absolute certainty, where Mr Smith is located and what he will be doing on the 4<sup>th</sup> of July in the year 2015 at 18.45...and thirty seconds?" I believe that this question does not even deserve an answer; therefore let only Mr. Jack-A rack his brains out actually trying to find one.

The sole purpose of human evolution (or of the *Divine Program* if you prefer), is to be able to come to a single *energetic tunnel*, from which no other isolated *energetic filament* begins (prevalently constituted by biological entities characterized by the syntony of vibration, in contrast with the one of its surrounding environment), where there are probably only a few thousand human beings, ready to accomplish a *gap leap* and therefore being able to move to other areas of the Universe to observe other worlds without ever actually interacting with them, by simply enjoying their beauty and uniqueness.

Significant coincidences or synchronisms (the way Jung loved to define them) which characterize the life of each individual gifted with a certain intellectual originality, represented the basis onto which all possible analogue deductions focus on, which let us comprehend, from a more intuitive rather than rational point of view, the intrinsic meaning of the previously mentioned theory.

It is actually the most improbable and therefore extremely significant events which are able to modify (when manifested), whether for the better or the worst, the destiny of mankind. Only one person out of two billion (at that time) individuals was able to obtain an

extraordinary vast amount of energy from a ...*simple* atomic nucleus. What if Einstein and Hitler had never been born?

It could be easily be stated that the evidence of each extremely improbable event, from a purely rational point of view, would necessarily and contemporaneously entail, as a “logical” consequence, some extremely significant implications upon the human behavioural model.

The theory of Stephen J.Gold of the *pointed equilibrium*, Darwin’s theory of *the natural selection* and finally Jung’s *sincronicity*, all have a sole *common denominator*: the extreme mathematical improbability of acasual events which characterize them.

Human intelligence does not completely follow the *entropy principle*, it actually constantly evolves towards a state of higher order; obviously I do not refer to the intelligence of each single human being and thus to the brief useful time span (which can be exploited with difficulty) as defined by his life, which has no way of increasing itself, but I refer to the intelligence of the entire human species.

At this point, it is absolutely necessary to remember that:

despite the *probability of existence (or manifestation)* of a *higher order* referring to a microscopic system (atomic-molecular) is extremely scarce, they will anyhow be much higher than the *probability of existence (or manifestation)* of a *higher order* referring to a macroscopic system.

In an isolated *significant coincidence* as well as in a *qualitative leap* at an evolutive level referring to mankind or to any other animal species, there is always therefore a trace of the shadow of a high *improbability of manifestation* of a *higher order* referring to a macroscopic system.

Because the *probabilities of manifestation* of a *higher order* referring to an atomic-molecular system, are higher in comparison to those of a *higher order* referring to a macroscopic system; it can be inferred that casual genetic mutation in an animal species must forcedly be more frequent than evolutive *qualitative leaps* as well as each *significant coincidence* (in this case intended as a significant event for the whole of mankind, such as a fall of a meteorite of immense dimensions on our planet).

If our neurons had not been able through hundreds of thousands of years of evolution to reach a state of *a higher order*, we would very probably still find ourselves at the Stone Age; or maybe we would never have actually existed, because the impossibility, for an atomic-molecular system to reach a determined and rather elevated order state, would imply a “phase displacement” of some percentage upon the most common value of *Nature constants* (such as Plank’s for example) which, as well as not granting us our existence, would also not let the Universe, which to us is so familiar, to exist. Human thought is not constrained by any spatial-temporal limit. This is demonstrated by the fact that at times (principally when awake) we perceive images relating to our habitat, where a determined event is defined, which within a few hours<sup>\*3</sup> appear in front of our eyes with amazement, obviously in the physical reality in which we live in our daily lives; this means that these images represent events relating to our existence (life) which must still occur, that they are about to become real. Such phenomenon is commonly defined, in the psychoanalytical terminology as a *dejà vu*, and could, in some way, fall within *the limited case* in such phenomenology relating to the human psyche.

*“To the unconscious psyche, time and space appear to be relative, that is knowledge is found in a spatio-temporal continuum where space is no longer space and time is no longer time. Therefore, if the unconscious develops and maintains a specific potential in the unconscious, a possibility of perceiving and “knowing” parallel events arises”.*

Carl Gustav Jung

We can reach places with our thought which cannot be reached with our physical body. In an hypothetical *time machine* equipped with highly evolved technology able to *disconnect* the human mind from

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<sup>\*3</sup> *The lapse of time between the perceived image, that is between the perceived event and its manifestation in the physical reality, can anyhow vary according to the case, from a few seconds to actual years.*

the first dimensional reality (where with a physical body it interacts with its surrounding environment) and projected in another N-dimensional reality, that is in another spatiotemporal dimension (for example in the year 2000 BC or 2300 AC)<sup>\*4</sup>, the body of an hypothetical *time traveller* would find himself on a comfortable “shrink’s couch”, whilst his mind (in a terrestrial reality rather remote in time or rather distant in the future), associated to a „*virtual*“ body to which everything would obviously appear completely real, which could observe every event happening in that determined lapse of time, but never actually be able to interact with them. In whichever N-dimensional reality “*He*” would find himself, would always be a passive spectator, a *ghost* able to walk through walls without any *effort*, but with a beating heart and therefore sensitive to each biodynamic change of his state and condition. The reason that would not make him sink to the depth of the earth, would solely be his...*beliefs*, his *willpower*; the strength which if used in other terms, could even grant him the power to move around by ...*flying*. Travelling through time, in his case, would therefore be similar to daydreaming.

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<sup>\*4</sup> *The idea of a space dimensions must absolutely not deceive us by letting us fly with our imagination to dream about ...“things from another world“. Time is one and space as well, space to which it is associated, and every second that our clock scans includes an endless series of spatiotemporal dimensions. It is essential in this case to be able to distinguish a space of many dimensions as a purely abstract concept, feature which exclusively falls in the field of mathematics, from the classic (real) quadri-dimensional one (3D+t) which increases thanks to the infinite values of t (time), in a series which is also an infinite series of spatiotemporal „models“ of space-time, incautiously as well as probably improperly defined as N-dimensional. There are some theories in the field of physics which offer to demonstrate the possible existence of pluri-dimensional realities (ND+t) which is not exclusively in the field of mathematics but actually in the field of physics and therefore only conceivable in other Universes thus as absurd as far from anything we could possibly conceive; in any case, such theories must not be taken into consideration in this contest.*

Each temporal interval, is to be included (like a well defined point) in a determined oscillation of the curbing of space and to every degree of oscillation, would therefore have to be associated to a determined space model, actually named as N-dimensional. Such oscillation of the curbing of space could actually be cyclical, and its duration could range from a few minutes (rather difficult to believe) to a few terrestrial millenniums (slightly more credible). It would be possible to reach such evaluation (slightly more reliable than the latest) by indirect means should it be possible to measure the frequency and intensity of gravitational waves.

If the oscillation of the curbing of space was actually cyclical, it would not at all be difficult to imagine models of space repeating themselves through time. To make an example: if in 1492 AC on Earth there was an X-dimensional space model, the same could have exactly corresponded to its  $X_1$ - dimensional 2200 AC twin.

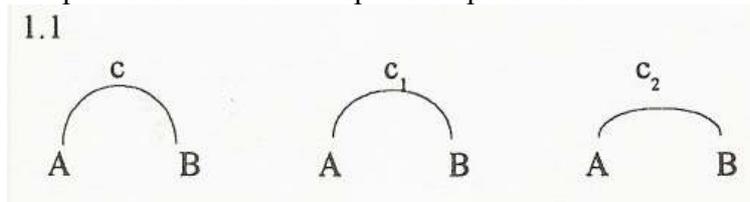
Which other fundamental factor should therefore be considered in the creating of a hypothetical *time machine* (apart from the parameters of measurement relating to the oscillation of the curbing of space), so that an hypothetical *traveller* could easily decide to move into the year 2200 AC, without unwillingly finding himself, after having pressed a button, in the year 1492 AC.? Easily said: the expansion of the Universe.

Up to now we have mainly considered the possibility that *human thought* travels through time; without obviously being able to demonstrate that it actually exists. Nevertheless, admitting that this possibility could mirror a certain level of probability inherent to nature to *travels through time* (from a rational-intuitive point of view) and therefore to be considered completely plausible, we could ask ourselves: how would an hypothetical *time traveller* finding himself *virtually* projected to a temporal interval rather far from his N-dimensional reality (for example in the year 2500 BC or in the year 6500 AC, at approximately 4500 terrestrial years of distance from his temporal distance) see the physical-dynamic reality surrounding him? Would he actually see the images (more precisely events) of such reality in a distorted thus ...“unnatural“ way due to a great difference of curbing of space with respect to the one inherent to the temporal

interval left behind by him (by his mind, to be more precise) to transfer himself into the past or the future? On the other hand, would such problem actually not exist because his virtual image would immediately adapt to any model of space he would find himself? By appealing solely to our common sense, we could easily opt for the second option.

In conclusion, this brief digression on *time travels* (forecasted by Einstein's equations in his theory of special Relativity which were never seriously taken into consideration by any serious scientist, due to the *Paradox of twins*, *Paradox of grandfather* and many other „logical“ paradoxes) I will now take into consideration the possibility, for a human being (or for any other physical body, whether animated or not), that is for a physical entity formed by atoms and molecules and therefore ponderable, to *travel through time*. Granted that it is not actually my intention to try to support such possibility or actually minimize it; my intention is to uniquely analyze the aspects and most significant consequences from a „quantum-classical“ point of view (therefore leaving the resolution of all „logical“ paradoxes, to philosophers and most ascetic scientists.

Therefore, let's imagine two points in space (A and B, see fig1.1), between which there is a determined distance ( $c$ ), in three distinct dimensional situations; that is in three distinct *spatiotemporal tissues*. In order to facilitate your comprehension, I would suggest to compare distance  $c$  to the spatiotemporal tissue.



Apparently, when we reflect in *euclidean* terms, it would appear that the distance between A e B decreases parallel to the decline of the curving of the spatiotemporal tissue or viceversa. Well, this is absolutely untrue.

Let's imagine that the spatio-temporal tissue ( $c$ ) represents a long metallic filament constituted by atoms and molecules. By measuring the distance between points A e B that is, between their extremities, in

whichever model of N-dimensional space we find ourselves, the filament would always appear to be the same length. This is for the simple fact that not only the metallic filament is influenced by the spatio-temporal curving but also the observer. Where is it therefore necessary to research physical differences inherent to the three filament models? (see fig. 1.1) Otherwise, going back to *travels through time*, should research be carried out in the three models (in case the same individual finds himself in three different models of space or spatio-temporal tissue)?

Would the three filaments-individuals show in all the different models (three) of space-time the the same quantum behaviour? Let's try to find out:

A dilated spatio-temporal tissue, due to its own "strong" curving, implies a considerably decrease of the absolute value of Time (|T|) and in line with a considerable increase of the absolute value of space (|S|). Such important characteristic of the spatio-temporal tissue is nothing but a logical consequence of the mathematization of the space-time concept, that is:  $|T| \cdot |S| = K$  (where K represents a constant present in each point of the Universe). This hypothesis-consideration was reached on the basis of Prigogine's on Universal time (which originally was Bergson's); idea which was developed mathematically in the book "*Between Time and Eternity*" with an analysis on systems of time distribution, average times within space-time.

It is clear that no physique which is *..mentally healthy*, would actually ever dare to challenge the fact that space and time are completely relative to the system in which they belong; and would therefore never actually dare to talk about space and absolute time. But as we have seen, thanks to Prigogine's work, it is at least possible to accept the idea of Absolute Time.

Now considering that we fully accept the fact that the entire Universe is defined by some kind of Absolute Time, thanks to that simple game of symmetries which has always characterized every new principle in the scientific field, it is therefore essential that its adversary exist...which is Absolute Space!

If we consider certain the argument that the fundamental structure of space-time remains constant in each part of the Universe, we must

also take for granted that space and time must necessarily abide to a universal law of complementarity, actually apt to guarantee the invariability of the fundamental structure of space-time ... in any area of the Universe!

At this point it would be completely wrong to believe that I would want to readdress Einstein's popular Cosmological Constant; the product of space and time (whether absolute or relative), defines a constant which cannot be expressed in a unit of energy (Joules,eV,cal,...)!

On the other hand, what such constant represents, which I have defined with the symbol K is nothing but the spectre, the "soul", of each spatiotemporal structure obviously expressed with a symbolic unit of measure.

In brackets:

It is now known that as J.Magueijo says :” *the problem of the Cosmological Constant is due to the fact that the energy of emptiness is not “diluted” by the expansion of the Universe, it is the opposite of what happens with matter and radiation. For this reason the energy of emptiness would quickly end up dominating the Universe, unless it weren't possible to already find a way to brutally suppress it in the primordial Universe.*”

Magueijo, a physicist of Portuguese origins who is well known throughout the world, also claims that the speed of light is not constant in the Universe; from such hypothesis-premise he has elaborated a series of theories linked to the concepts of Special and General Relativity (which together take the name of VSL; the acronym is translated in *varying speed of light*) with which he claims to have “*found a way to exorcise the Cosmological Constant*”.

There is only one way to ripristinate the concept of Constant Cosmology, without it contrasting the laws of the Theory of Relativity, and such Constant is to be intended as a symbolic entity, linked to the concept of energy from Plans which are so fine, which today's man is still unable to visualize and therefore able to expose in a mathematical way; only in such acceptation, it is possible to identify the constant K, with the Cosmological Constant.

The increase of the absolute value of space, implies a necessary atomic-molecular *compression* of the subject under discussion suitable for guaranteeing its *energetic compactness*. This is a condition necessary so that the atoms which constitute the body under discussion do not tend to disassociate themselves from each other (which the tendency of atomic dissociation, more commonly known as *radioactivity* happens to bodies found in a space contracting itself and which the absolute value of Time tends to considerably increase). A radioactive body, must therefore be intended as a complex form of energy, able to induce space to contract itself!

It could therefore be supposed that a radioactive body moves in space at extremely elevated speeds, that it emits a minor number of radioactive particles, with respects to another (identical) body which is instead found in a state of stillness. We have therefore arrived at this point able to propose a new guise, as a final condition of our model of initial space-time N-dimensional, the so-called...*Contraction of lengths* (according to the General Relativity and “related” Lorentz’s high speeds; such analogy appears evident if we consider space covered by a body in linear motion, as dilated with respect to the space circumscribing the same body in an inertial system.

Let’s now compare our argument with the basis of General Relativity in order to make them more evident and therefore, as far as some aspects...convalidate them:

a)The theory of R.G. states that in the proximity of mass, watches are slower.[The value of absolute time decreases considerably when space tends to dilate itself, and vice versa. A strong curbing of space, implies a strong dilatation of the same. Around mass, space is rather curved, so it implies that watches should therefore run slowly].

b)The theory of R.G. states that in the proximity of mass, gauges (lengths) actually get shorter.

An interesting aspect therefore of the physical reality our really pleasant *time traveller* could find itself, at a distance of a few milleniums from his starting temporal interval (that his from his initial

space model), is that the same could make it appear (to Eternal Father's eyes, the only observer who is not subjected to spatio-temporal bonds), with a different "stature" for each different spatio-temporal model. He could obviously never be aware of such thing..

All these considerations and "logical" deductions on the nature of time travelling, we could solely accept if we took for granted the initial argument on cyclical oscillation of space-time curving of the Universe; otherwise the same would not make any sense.

*...Dulcis in fundo:*

With a simple analogue reasoning we could come to the following conclusion: if the contraction of lengths in the theory of General Relativity reflects in some way the Contraction of Lorentz expected for bodies in linear motion at high speeds, because for both a determined dilatation of space appears (in order for them to manifest themselves) and considering the fact that for each value of the Contraction of Lorentz corresponds a respective relativistic increase of the mass of the body under question, it could be deduced that such relativistic increase of mass would also somewhat correspond to the contraction of lengths expected in the proximity of mass, that is, where the space is more curved and therefore more dilated. I am simply saying that the mass of a body could vary depending upon the curving of the space in which the same is found. The mass of a body moving away from Earth, should therefore as a principle, noticeably diminish. Such decline, however, due to its endlessly small entity, will surely remain still imponderable for several years to human beings. Inertial mass and gravitational mass, could therefore not be the same but because on Earth the variation of the Gravitational Constant is too small to be measured, nobody has yet been able to deduce such possibility.

As a last analysis, we could risk the hypothesis that the frequency of stationary waves which define the energetic levels of atoms constituting a determined body that moves away from Earth, due to an decrease of the curving of space and therefore a slight contraction of the same, tends to increase sensibly. In such case, the body under

discussion would lean towards manifesting a determining radioactive behaviour (even if minimal) which would lead to an inevitable and obviously imponderable diminishing of its mass. From this hypothesis, another follows which is even more bizarre:

The increase of frequency of stationary waves, would entail a proportional increase of quantum interferences of the system taken into consideration. The velocity of decoherence of such system, because of its progressive move away from the Earth, would therefore lead to a decrease; this is because in such a system, there would be more quantum interferences to eliminate<sup>\*5</sup> The body in question, could therefore in this case, present a determined quantum-classical behaviour.

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<sup>\*5</sup> *In a model of “measure”, whatever produces a reduction of the waves pack, it is the interaction of the system which is around it (for example the same “measuring device”). More generally, quantum objects are never completely isolated by everything which surrounds them, with the term „everything which surrounds them“ we mean anything which interacts with the system (a device, air molecules, photons, etc...). Multiple interactions between a quantum object and „whatever surrounds it“, cause a much faster destruction of system quantum interferences . Interferences are a undulatory phenomenon, and characterize quantum behaviour. The destruction of interferences, entails a suppression of the superpositions of states characterizing the quantum object; the same therefore, uniquely having some simple state, immediatly assumes a classical behaviour. In a macroscopic object (for example a cat), each of its atom interacts with all the other atoms of the environment which are around it. All these interactions spontaneously provoke a „buzzing“ of quantum interferences, which nearly instantaneously disappear. This is why quantum physics is not applied on our scale: the systems are never isolated. This phenomenon has been christened as „decoherence“, more precisely the destruction of coherence of the quantum states which eliminates interferences. The velocity of decoherence increases with the size of the system. For example a cat, which consists in approximately  $10^{27}$  particles, makes uncoherence in  $10^{-23}$  seconds. This explains why “living-dead” cats have never been seen, and finally why decoherence is so difficult to observe.(taken from the magazine: Science & Vie,February 1999,pp.47;50).*

If we go back for the nth and last time to our dearest *time traveller* (Mr. Jack-a-fly), we could even imagine that he, in determined models of space where he could unfortunately be “projected, he would adopt a quantum-classical behaviour. In front of the eyes of a possible troglodyte or scientist in the year 2600, he could therefore appear and disappear; exactly as the light of an intermittent lamp. Such hypothesis or considerations could surely remind someone of the most striking parts of Charles Berlitz’s book: *Experiment Philadelphia*. And if we were invaded by „*hordes of tourists from the future*“ on a daily basis, contrary to Hawking’s beliefs, but could not realize it for the simple fact that we are unable to see them?

...*Thank' you God*

Sometimes, what we are unable to conceive, is the result of an interaction between similar worlds, but unfortunately placed in models of space which are different. Do you perhaps believe that the three-bars of Oscar Reutersvärd is an object which is impossible to conceive for an individual who is found to be living in a model of hyperbolic space? (Try to play with one of his models made of foam). The human mind would be able to conceive even the impossible, if only it was able to leave determined models (or layers) of holographic space where it is constantly trapped. The immense quantity of information which constitutes the mind of a human being (of an average age, intelligence and culture) is strictly bound, in the way that it moves through other holographic structures in the reality it is circled by, from determined biophysical schemes which have had the chance to become concrete and therefore assume a well defined aspect which is more or less constant in time (I obviously refer to the phenomenon of autopoiesis and the respective analogies with that of the dissipative systems of Prigogine), in the course of millions of years of evolution. Such binding, between the human mind and its potential *migrating capabilities* through other *holographic layers*, have anyhow become weaker and weaker as well as inconsistent the more the degree of analogic elaboration of the human thought adopts higher values, at the expense of the old mnemonic mould of the binary mould.

The day when the greater part of humanity will be able to access the wonders of psychokinesis and clairvoyance is not undoubtedly close by, but neither too far. The evolution of the mind-body-reality system which surrounds it, is the result of constant interaction between these three elements (integrated in Bohm's holomovement), which can be compared to the one defining the non-linear phenomenons of classic dynamics and the one defining the non-local phenomenons of quantum mechanics. This evolving *continuum* of such holographic model of reality could however, in a distant future *resonate* with other models of a holographic state where each physical entity (whether animated or not) would present itself, thanks to a perfect frequency syntony (vibration) between the interactive parts of the system, free of each bound and inherent to its nature, as far as mass, density, motion and position and free of each bound which is inherent to the nature of the environment surrounding the same (gravitational attraction, atmospheric pressure, etc...) . Only by accepting this premise, we are able to imagine a future where man is able to move objects from a distance just with the power of the mind or to visualize determined events even before they actually happen. Each biologic entity who is a highly thinking being (I mainly refer to human beings in this planet and if we paraphrase Leibniz, we obviously could not include monads within such thinking beings) so it can be imagined as an immense accumulation of information (or memory bytes)<sup>\*6</sup> which is super-

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<sup>\*6</sup> *The capacity of a common human brain is generally valued at around  $10^{15}$  bits; it is believed that such information is stored in synaptic connections. Considering that during a single mental event, only a small part of the brain oscillates between each and a maximum of ten per cent of its total volume, we can easily realize how extremely vast the potential latent information in the human brain is. In each case, the potential information relating to the human mind, still remains the tip of an iceberg, if compared to the potential information relating to the system mind-body or to the mind-body-surrounding environment which is even more complex. In order to fully understand the meaning of this latest consideration, it is necessary to ask the following question: What is information and where does it actually originate? Mechanics demonstrates us that the number of encoded bits in a limited region is compared with the number of possible quantum states in such region. Bekenstein's limit determines the fundamental limit relating to the number of*

organized, dynamic and in continuous evolution, information which constantly renews itself and sometimes expands within determined limits; therefore supposing that it is possible beginning in such a

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*possible quantum states within a limited region. If information  $I$  is linked to the number of possible states  $N$  from the following equation:*

*$I = \log_2 N$ , then Bekenstein's limit to the quantity of information coded within a sphere of ray  $R$  and of total energy  $E$  is:  $I \leq 2\pi ER / (hc \ln 2)$ . Generally if adopted, as a superior limit to the number of bits, codified by part of any physical entity which has a mass of one hundred kg and a volume of approximately  $4,2 \text{ m}^3$ , the value would be:*

*$I \approx 2,57686 \times 10^{45}$  bits. Having said this, someone could rightly ask himself what such blessed information is and where the same originates from; however perhaps, everything would become clearer in his mind if he were to ask himself the following question. What is energy? Well, the puzzling hypothesis-conclusion which can possibly be reached with a simple analogue reasoning, is that ultimately, energy represents nothing but a complex form of information. It was extremely difficult for physics at the beginning of last century to accept the idea that mass is nothing but a complex form of energy, and I suppose that for the orthodox scientific community of the 21st century it will be just as difficult to accept the idea that the fundamental constituent of energy could be pure and simple ...information.*

„(...)all entities which are present in the current Universe, codify a quantity of information which is well below the quantity allowed by the quantum theory of fields. For example, if a hydrogen atom codified all the information which is granted according to Bekenstein's limit, it could codify approximately  $4 \times 10^6$  bits of information (...)Therefore a hydrogen atom could approximately codify a megabyte of information, whilst it usually codifies much less than a bit. The hydrogen mass surely isn't used in an efficient manner! If we presumed that the ray is that of a proton ( $R = 10^{-13} \text{ cm}$ ), the quantity of codified information in the proton is constituted by only 44 bits! Such value is really small with respect to the complexity of the proton – three valency quarks, innumerable quarks and virtual gluons- which it is actually so complex that we haven't yet been able to calculate the basic state of fundamental principles by using the Standard Model, even if we used the most advanced supercomputers!“

(Frank J. Tipler, physicist)

distance future some kind of interaction or energetic resonance between the various holographic states which make our Universe, and in this way creating phenomena transcending each principle of physical order between the different elementary forces of nature (objects materializing simply with the power of the mind, psychokinesis, etc...), would not at this stage (in my opinion) be too hazardous. Each physical event that comes into the category of such paranormal phenomena, because it is substantially undefined and therefore unconceivable according to the rules of orthodox physics if embracing the hypothesis of a holographic Universe, it immediately makes it possible to find a logical explanation (which is difficult to understand and not easily imagined; speaking of which, I would strongly recommend reading the book: *The holographic Universe*, by Michael Talbot, 1991).

It is actually well-known since time immemorial, that the energy of a given system is always preserved (nothing is created and nothing is destroyed, everything transforms itself), and this is the basis of the principle of thermodynamics. Not all kinds of energy are however able to organize themselves, I obviously refer to heat and other kind of dispersive energy. The one million question which I actually want to ask you is the following: if information actually represents the fundamental constituent of energy, can the same organize itself through chaotic and dispersive structures of energy? Well, by accepting the argument that all the phenomena of a paranormal nature<sup>\*7</sup> are effectively totally real for the subject who perceives them, it would definitely appear so.

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<sup>\*7</sup> *Namely pre-death experiences, the phenomenon of multiple personalities, the visualization of human energetic fields, out-of-body and out-of-mind journeys where there is no actual order relating to the „nature“ of space and time (in a way that each place is instantly accessible as well as each time interval, whether belonging to a rather remote past or a rather distant future), spontaneous recoveries from diseases which are more or less incurable, the phenomenon of stigmata and many other unexplainable „miracles“ from a scientific, typically orthodox point of view.*

„We are not human beings who live  
a spiritual experience.  
We are spiritual beings who live  
a human experience.“

*Pierre Teilhard de Chardin*

Information which creates energetic configurations that are orderly and dynamic (or dissipative structures) „with which“ it chooses „to live“; it could anyhow „survive“ well even through... or it would be perhaps better to say ...with the features of energetic chaos, without necessarily having to create orderly structures. Therefore, what could actually be the „reason“ which pushes information to create determined energetic structures? Well, an answer to this question could be the following: every once in a while even the Universe, more precisely God, thinks; and everything which has form and structure therefore represents nothing but part of his memories. They are indelible until his death (thermal death of the Universe)?

What if the same continued to exist eternally assuming other shapes and physical characteristics, once they have reached the Omega Point?<sup>\*8</sup> How will the next Universe be, will it also consist in light, stars, planets and black holes or only by light? Will God be reborn healthy or maimed? We could endlessly speculate on these and many other questions belonging to the category of psychic processes OTW (*Out of This World*).

All high frequency electromagnetic radiation (starting from X rays up to  $\gamma$  rays) is able to markedly influence the quantum structures of a system; the same is therefore able to vary determined schemes of dynamic orders relating to the elementary particles which constitute the atoms of any complex form of energy (ponderable bodies), thus bringing the physical entity mentioned so that it assumes other abnormal physical aspects (as they are unusual and original),

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<sup>\*8</sup> According to F.J.Tipler, the latest, appears to be an hypothesis which should not be discarded.(See: *Physics of Immortality*, Frank J. Tipler, trad.it.Mondadori,Milano,1995.).

sometimes observable (as in the case of tumours for biologic entities, for example) and sometimes observable with difficulty if not actually unobservable even with the most evolved physical instruments (by radiating a stone with  $\gamma$  rays for a constant period of twenty-four hours, the same will always maintain the same shape, even if we observe it for an infinite length of time). What actually stands out from these considerations is that an electromagnetic radiation at a high frequency is able to influence in a significant way only biologic entities (that is complex open and dynamic forms of energy) and probably on many other dissipative structures (whether animated or not); that is to say that forms of energy in nature which are mostly fragile and delicate. By irradiating a biologic entity with high frequency rays, we increase the quantity of quantum interferences in the system:

[Biologic entities(B.E) – the environment which surrounds it], by doing this, we get the system (and especially the 'B.E) to assume a velocity of decoherence which is less elevated. Such condition which is created (which is obviously “unfavourable” to the 'B.E), makes sure that such entity, extends its quantum behaviour to layers which are higher than its own „*energetic cortex*“. Even if such phenomenon extended to few atomic groups and not to entire molecules, the same, with time (sometimes even lustre; still depending upon the intensity of the irradiance and by the biologic structure of the entity under discussion), would anyhow manifest all its influence on a large scale; for example as in the case of tumours. Similar to any kind of *butterfly effect*, it therefore cannot be forecasted by any diagnosis or physical measurement, ...before it enters in the classic Newtonian reality.

Let's go back to the concept of energy and assume the fact that it is really constituted by ...“*inseparable particles of information*“. Someone at this point could believe that even organic organism or actual stones could have some kind of conscience, or that they are anyhow able to perceive in some way everything which surrounds them. It is therefore necessary, in order to sustain a certain coherence between all the arguments exposed up to now, to distinguish information in two distinct classes:

a)potential information (which constitutes each ponderable physical entity)

b)dynamic information

Any kind of conscience therefore, must be intended as the manifestation of an elevated and dynamic order of information. Dynamic information can be imagined at this point like some sort of resonance deriving by potential information. If it is true that these two kinds of information eventually create a *unicum*, in which the laws of classical physics (dominion of dynamic information) interact with those of quantum mechanics (dominion of potential information), it follows that our rational conscience (dynamic information) can draw at any time information from our conscience (potential information) and vice versa.

*...and this is how Jung found the peace he had lost.*

Here is a one-million dollar question: is the potential information of an organic entity superior or identical to the potential information of a non-organic entity? Can Carbon, Nitrogen, Oxygen and Hydrogen perhaps be considered as ...“monads“ which are much more evolved than other monads (elements?) Is the potential information of an element identified perhaps based on its own mass and atomic number? Let's compare for a moment the values of these two physical sizes relating to the fundamental constituents of life as previously mentioned (C,N, O,H):

	Atomic Number	Mass Number
Carbon(C)	6	12.01
Nitrogen(N)	7	14.008
Oxygen(O)	8	16.002
Hydrogen(H)	1	1.008

We therefore have six neutrons and six protons for Carbon, seven neutrons and seven protons for Nitrogen, eight neutrons and eight protons for Oxygen. Well, it appears that the symmetry game is

perfect; furthermore, Hydrogen, since constituted by only one proton (obviously excluding the tritium, one of its isotope) and therefore conceivable as a sphere, even represents the emblem of the concept of symmetry.\*<sup>9</sup> Where is it therefore necessary to research the value of potential information that constitutes and characterizes the atom of a determined element, in the beauty of „*symmetry*“ between neutrons and protons forming nucleus?...It could be an idea. If it was so, we could expect great things from the interaction between Calcium, Helium, and Silicon elements (Ca→atomic number 20, mass number 40.08; He→atomic number 2, mass number 4.003; Si→atomic number 14, mass number 28.06) and Hydrogen.

Information loves symmetries and analogisms because it is only thanks to them that it is able to acquire values that are always increasing and therefore manifest itself in all of its fullness and beauty in the physical reality in which we live. Consider for an instance the beauty constituted by symmetries of a snowflake; combined Hydrogen and Oxygen can make miracles. But would such miracles be possible without the symmetries of the neutron-proton which characterize the nucleuses of these two elements? In which reality are miracles created and take shape, in the quantum reality or the classic one subjected to Newton's laws? Only a mind which works in an analogue way is able to extract from the environment surrounding it, constituted by the collective conscience (dynamic information) and by each type of physical entity (potential information), the highest quantity of *information of syntony* (potential + dynamic) bearable by a common human brain (or by a common human body, even supposing that it is not only our superior organ to capture such information. We could endlessly speculate about this point too).

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\*<sup>9</sup> *In this „game of symmetries“, solely based on the numeric equality between protons and neutrons (constituents of nucleus), an important component which we should take into consideration, is represented by the fact that the nuclear power (for light nucleus), makes it reach the maximum stability if the number of neutrons is approximately the same as the number of protons*

But the *analogue machine* can also have some disadvantages, as when it no longer puts limits to it, it acquires much more information than what it is allowed, and inevitably *folly* takes over. One of the best analogue machines of the beginning of last century is surely represented by the figure of Albert Einstein.

If we were capable of building a machine (computer) with mnemonic circuits, prevalently constituted by the elements Ca, He and Si, where there would be an interaction between them according to analogue schemes (thus drawing potential information from one to the other, and information of the syntony from its surrounding environment), the same would very probably be able to simulate human intelligence even before reaching the 1000 teraflops velocity of elaboration of information. Apart from such velocity, the idea that the same could start to power itself would not be ruled out. In that case it will no longer be enough to ... "*unplug it* "to deactivate it; why would that be so? People, if a plant was able to feed itself by drawing all the necessary energy exclusively from the sun's rays...it would *grow legs*. Anyhow, a computer, as "powerful" as it could be, since it is a closed energetic structure, will never be able to modify its physical configuration (that is to autonomously generate other parts, which have been added or substituted to its own physical model).

If the analogues weren't the basis of all potential information, constituting the facet we are offered in the classic Newtonian reality, we would surely not be able to diagnose any disease by observing the iris of the eye of a human being which is affected by such illness or cutaneous anomalies on one of his ears (that is the image of the human fetus as analogue base and therefore all to be deciphered and interpreted) nor to foresee a potential future by observing the casual disposition of the Tarots. Even in randomness there is an intrinsic order (as it has been discovered in the last years by studies carried out on the behaviour of chaos), this means that the same must necessarily represent a symbolic image (belonging to the Newtonian reality) of a potential predefined spatio temporal continuum, in which it is possible to catch a sight of past, present and future events. The same thing applies for the chaotic aspect normally lining dreams. The only difference between dreams and synchronism is that the first is created

from a quantum reality and it solely manifests itself in such reality, whilst the second, synchronism, also fundamentally arises from a quantum reality but manifesting itself at some time distance in all of its completeness as in the classic Newtonian reality. Dreams and synchronisms, therefore represent a symbolic image (which is all to be deciphered) by the events which have characterized in the past, characterize in the present and will characterize our life in the future. With the increase of degree (velocity) analogue information of human thought, would not at all be risky to believe that with the passing of thousands of years, the vast majority of humanity will finally be able to access the marvels of clairvoyance and many other marvels belonging to the reign (so far) of ...the paranormal. Perhaps in a few thousands of years, many individuals will be able to scrutinize, apart from his own future and that of a few others, even the one of the whole of humanity.

Let's now consider a human being whose beauty stands out thanks to his perfect harmony and symmetry of all of his features (macroscopic beauty) and thanks to the perfect „cellular symmetry“ which characterizes all of its organism, which is obviously clear to our eyes, only at a cutaneous level (microscopic beauty)<sup>\*10</sup>. If it is true that potential information loves to integrate itself mainly in physical entities endowed with a remarkable symmetry between its components, the value of potential information inborn in this individual will have to be rather vast with respect to several other people who endowed with discrete beauty. Admitting that the interaction on a quantum scale subsists between dynamic information (rational conscience) and that the potential one (unconscious) innate in the mind-body system of each individual could also extend to its

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<sup>\*10</sup> *A few months-old child therefore, because it has an extremely elevated microscopic beauty and usually also a certain amount of macroscopic beauty, must necessarily be constituted by an amount of potential information which is far superior than any other adult human being, thus able to considerably attract its own resonance of dynamic information. Such argument would explain why a baby of a few months has a rational conscience which is extremely limited...he still mainly lives in a dream world..*

surrounding environment, it could easily be deduced that the dynamic information of each individual leans towards being attracted (more than by its own potential information, if this does not have a sufficiently high value), by the considerable potential of information situated in individuals who are endowed with a certain macro-microscopic beauty. (A good analogy with this phenomenon can be extracted from the General Theory of Relativity, which states that small masses are attracted to bigger ones). This probably explains in „*quantum terms*“ how physical attraction arises (or sexual impulse) towards a member of the other sex...*that is how pain actually arises*. Between two individuals who are endowed with the same quantity (or value) of dynamic information, sometimes the phenomenon called love takes shape...The concept of an existing dynamic information, that is of an imponderable entity which transcends each definition of quantum order (meaning category), able to organize itself through chaotic structures prevalently constituted by potential information (that is by complex or dispersive forms of energy), it is identifiable by the one slightly more archaic which is simply expressed with the word ...soul. In the phenomenon called love, what is known as „*soul mate*“, is represented by a determined model of dynamic information, exactly similar to the model of dynamic information which if met, it is destined to be united (and when this happens, there is no Saint in Heaven who is able to prevent it from happening). The same applies to friendships... obviously the sincere ones.

In theory, “beautiful” people should therefore have a much more invasive unconscious in comparison to people of discrete beauty, thus rather closer to the ...*dream world*. Considering that this world is much closer to a *fantastic-virtual reality* more than a purely physical reality, and the same will therefore exercise a rather strong attraction on its own resonance of dynamic information (more precisely on the resonance flowing from it). A good analogy able to perfectly mirror this argument, can be derived once again by the theory of General Relativity, which claims that the intensity of a gravitational field, increases with the increase of mass; in this case, mass should obviously be identified with the unconscious (potential information). The subconscious therefore, is no longer to be considered as an innate

entity exclusively in the brain of a human being, but as an entity which constitutes the entire human body thus consisting of potential information. Presuming that the level of human intelligence (understood as the speed of elaborating information in a prevalently analogue way) is directly proportional to the level (or value) of dynamic information which definitely constitutes the mind of an individual (soul), we can easily understand why people who are „too beautiful“ are almost never endowed with great intelligence. Someone could rightly ask himself: *But how is it possible that people who are endowed with great intelligence, feel great physical attraction (as in sexual impulse) towards members of the opposite sex characterized by remarkable beauty, even when they actually recognize that the same are of a rather relevant stupidity?*

Well, this is a natural phenomenon which often happens, but it should be remembered that it is only dynamic information (rational subconscious) which happens to be attracted by individuals who are endowed with such remarkable beauty. In such context, the important subconscious (potential information) role of the individual endowed with a great intelligence emerges. The subconscious of the same, since it is closer to the physical reality of things, and since it also exercises a scant attraction on its own resonance constituted by dynamic information, is able to “communicate” better with the latest thus making it aware of the risks and dangers it would meet if it accepted to fall into the arms of Venus. (Have you ever actually asked yourselves why in the arms of a beautiful woman we seem to have the feeling that we are more stupid than we usually are? Well, it isn’t just a sensation...it is that we actually become more stupid).

Everything which I have so far set forth represents the rule. The exception, (even if to many, it would appear to be a paradox) is due to the fact that in the world, there are also several extremely “ugly” who are also extremely stupid people, as well as the fact that there are several rather beautiful people who are also much more intelligent. These are nature’s mysteries.

We should therefore not forget that in the society in which we live, sometimes, in order to survive, people are actually forced to pretend

they are stupid, when in reality they aren't, or vice versa intelligent, when in reality they are actually stupid. Letting ourselves be transported by this stupid reversal of roles, created by the most developed civilizations of this planet, means to live in perfect disharmony with our own biological structure and with our surrounding environment; and when the soul suffers (that is, when the dynamic information is determined not to follow the advice of the subconscious), the synchronisms of life start to decrease, leaving room to an ever increasing and conspicuous amount of incidents and psychophysical illnesses (illnesses are always psychophysical, there are no such things as uniquely physical or uniquely psychic illnesses). When pain becomes too great to be bearable, the soul normally manifests the will to leave this material and insignificant world (as this is how it appears to a struggling soul), thus materializing through cancer or suicide.

Sexual desire, I believe arises out of an intrinsic necessity of dynamic information to constantly maintain a determined tension and intensity, able to ensure a perfect balance with all the potential information with which it principally interacts (body) and with the information of syntony of its surrounding environment. It must be remembered that the information of syntony is constituted by the potential information of each physical entity (that is the innate one which can also be found in stones), more than that of the collective dynamic (Jung defined it as the "collective subconscious", however, as I have already used the term "subconscious" to define the potential information of a human being, it would be rather a contradiction to use it once more in order to define the information of the collective dynamic...represented by the soul of human beings who are still alive or who died centuries ago). Any illness or psychophysical disorder, therefore fundamentally originates by a constant „missed target“ of such equilibrium. This latest observation, as many could notice, is in perfect syntony with the basics of Freudian psychoanalysis. When the dynamic information (anima) of an individual, "imposes itself" in order to reach a determined objective, it normally tends to suffocate his sexual instinct in order to reach a determined tension-intensity (defined by a complex

dynamic-organizing scheme), able to spark off all the elaborating processes analogical to the information of syntony, which will therefore let it reach a level of intelligence necessary for the achieving its final scope of his worldly existence.

The final scope of the soul, pre-defined the instant when it decides to reincarnate itself, that is the moment in which the fetus has already reached a certain dimension, could be for example, to understand how it must feel to live an existence in extreme poverty and suffering, or how it must feel to be extremely rich; it could be to understand how it must feel to deeply love someone as well as to be deeply loved, as well as realizing how a Don Giovanni who totally dedicates his life to a mundane life and promiscuous sex, to understand what it feels like to be a celebrity...but sometimes, who knows for which reason, the soul changes its mind and decides to go back to the afterlife; if this happens in the first three months of his life (and it is normally the case, because it is rare that the soul decides to spontaneously leave his own body after ten, twenty or thirty years of life ..., such phenomenon is normally accepted (more than explained) by the scientific orthodox community and defined with the term: *white death*. However, if this happens at a later stage, the same is (as it logically would be) considered as something which is not natural, rather mysterious and thus obviously scientifically unexplainable. We could therefore accept the idea that the soul in such cases wants to experiment what is normally felt when enacting a suicide, or how it feels to die after being run over a car or killed by a gunshot; but with difficulty we can have an idea of why the soul, in very rare cases decides to leave its own body in a spontaneous and natural way. *Maybe there is a kind of suffering which is so great (even when the body appears to be in a perfect physical state), which obviously the soul has decided to experiment in the same day of its own reincarnation, able to make it abandon a biologically functioning body, for ever or for a determining temporal interval, in a spontaneous and natural way.* How could we otherwise explain the death of individuals submitted to atrocious torturing even though the moment when the soul detaches itself, they still have a biologically functioning body? It isn't at all difficult to

imagine for what reason the souls of these individuals almost never come back to the physical reality.

It may seem to be an absurd idea, but when a soul decides to reincarnate itself is as if it has decided to continue suffering...to continue learning again. But to learn what? Somebody may surely ask. Who is the one who moves the strings of this stupid game of human existence? I really believe that we will not discover it, even when we will go to heaven, as it may be that not even God understands the scope of his existence. Consider for an instance, the fantastic hypothesis that the images of a determined videogame could leave the screen of your PC and communicate with you, they would obviously be baffled when they learned their "real" physical reality and the scope of their existence. In front of the omniscient God who has created them (more precisely you) and would be able to make them disappear into thin air when and how he wishes, they would surely accept with their head down, their condition of inferiority and ignorance. What emerges from such considerations is as follows: if they (the images) are not at all aware of the fact that you are not omniscient beings, you yourselves, in any case actually are (aware). And if our Universe, that is God, was aware of the fact that he is not an Omniscient Being? Who stands on the other side of our Universe and moves his strings? And if there still was „someone“ apart from The One who is on the other side of our Universe? This is how we actually get to the concept of *Infinity*, a concept over which no kind of potential or dynamic information can actually reach. Even if we tried to conceive the concept of Void of Information, the same having been created by us, must necessarily exist. *Inexistence cannot exist..*

Let's take again into consideration the human model, as a basis of the conceptual development of *the mechanics of Information*, that is of the natural principles which regulate the infinite schemes of interaction between all the holo-energetic layers constituting the entire Universe.

The process of aging of a human being, fundamentally begins the moment when he is taken from his mother's womb and brought to the light of the earthly reality. If we consider such process, as a

continuous and inexorable breaking of cellular symmetries, the same, in substance would represent nothing but a consequence of the second principle of thermodynamics (entropic). Now, if we assume that dynamic information (rational conscience) of a human being could develop and continue to increase, only with the happening of a progressive detachment from its own potential information (physical body) from which it is constantly generated, we could assume that such phenomenon is strictly correlated to the entropic principle. If we generalize, we come to the conclusion that human intelligence does not follow the principle of entropy in the common term sense, thus constantly heading towards a major state of disorder (or disorganization), but it follows it in an *inversely proportional way*; that is that the same grows with the increase of *the energetic disorder*. Therefore, if the Universe is going towards an inevitable thermic death, the dynamic information which continues at the same rate, to develop and increase (with the passing of the milleniums), through the evolution of thousands and thousands of animal species (which populate our planet and probably several others in other galaxies and solar systems), is going towards the perfect organization, towards the Great Unification...or as Tipler would say, towards the Omega Point.

It has now been known for a long time (thanks to the work of S.Grof), that the intake of determined doses of LSD on behalf of individuals who have no apparent psycho-physical disorder, is able to take such people to live experiences in which their potential information (i.p.) strongly prevails upon the dynamic one (i.d.). Such phenomenon, could therefore essentially be due to possible causes relating to a temporary alteration of their i.p.: the first consists in a possible amplification of the power of attraction of the i.p., on the dynamic one; the second, a possible decrease of the production of such resonance (i.d.) on behalf of the i.p. .

It is rather probably that the first cause (that is the amplification of the power of attraction of the i.p.), is nearest to the actual reality of things. In fact, if the i.d. didn't have, during the interval of time which is englobed in the i.p. (due to the effect of LSD), a rather high value of tension-intensity, the same would not be able to interact productively

[during a determined interval of time (included in the broadest one defined by the intake of the specified drug) in which the regressive hypnosis is applied], with its own i.p. and neither with the dynamic one of the old fashioned one (that is the one constituted by the sum of dynamic information of previous lives) englobed in the same (in the i.p.) right from the day when the individual under discussion was born; and therefore any memory regarding the period previous to their birth could not emerge in the physical reality (that is when he was still in the womb) as well as any memory going back to distant past lives.

*“Each emotional state causes a modification of the conscience, modification which Pierre Janet defined as “abaissement du niveau mental”: which means that a certain shrinking of the subconscious takes place and at the same time a strengthening of the conscience, as many profanes in the subject can easily note, especially in the presence of intense beloved ones. The tone of the subconscious increases to a certain measure, which easily provokes a gradient from the subconscious to the conscience. As a consequence, the conscience falls under the influence of impulses and instinctive contained contents”.*

*Carl Gustav Jung*

Such observations, remain in any case, simple hypotheses, as it should not be excluded the fact that dynamic information, during an experience arising from the intaking of LSD, is effectively produced or generated) by the i.p. at rather reduced quantities. Or if the two phenomenon (amplification of the power of attraction of the i.p. + decrease of the capacity of production of the i.d. on behalf of the i.p.), happen, during such experiences, contemporaneously.

Considering the fact that the entropy ( $\Delta S$ ) of a system, increases when the energy increases ( $\Delta E$ ); the relationship  $\Delta E/\Delta S$  (that is the one deriving from energy with respect to the entropy) will therefore represent an important quantity which we will name with the letter T.

At this point, identifying T with the absolute temperature we will obtain:

Eq.1

$$T = \frac{1}{K} \cdot \frac{\Delta E}{\Delta S} \quad ; \text{ where } K \text{ is Boltzmann's constant}$$

Assuming that  $E = (\text{i.p}) \cdot (\text{i.d})$ , that is that energy is the same to the product of potential information for that dynamic, we will obtain the following equation:

$$\text{Eq.2) } \quad (\text{i.d}) = \frac{E}{\text{i.p}} = \frac{T \cdot K \cdot \Delta S}{\text{i.p}}$$

We notice, by observing the last equation, that with the increasing of the value of the entropy ( $\Delta S$ ), we have a proportional increase of dynamic information. Such equation, brings to validate more of Tipler's hypothesis on the „final reaching“ of the Omega Point.

The activity of the brain of a human being, is defined on the basis of the quantity and type of electromagnetic waves which the same emanates and also emanates to its surrounding environment. Such waves, are constituted by an immense number of particles of energy which are endlessly small and which are scattered in the environment where the individual under discussion is situated. These particles, are however, fundamentally constituted by potential information. Assuming (as we have previously supposed) that the dynamic information is constantly generated by the potential information, it could even be deduced that the above mentioned particles, are “shielded” by a certain quantity of dynamic information (obviously unobservable and not quantifiable by any physical instrument); that is that the same are “enclosed” in a very fine “spheric layer” of dynamic information. This is how we inevitably get to the concept of collective dynamic information (or collective subconscious, as Jung would have defined it).

The soul of a human being (that is its own dynamic information), is therefore conceivable as something dynamic which regenerates

constantly and which scatters in the environment (still probably remaining linked to the body-source) which surrounds the same.

The collective dynamic information, will therefore have to be constituted by a percentage of „human thoughts“ (that is of “thoughts“ of human beings which are still alive) and by a remaining percentage of dynamic information constituted by complete-complex forms of „human thoughts“ (that is of souls belonging to deceased human beings). Obviously we only arrive at such conclusion if we accept the hypothesis that dynamic information of a human being, the moment in which all his vital organs stop working, is still able to organize itself perfectly, thus assuming a rather complex form, and therefore automatically disassociate from the potential information which has constantly generated it.

What human beings normally define with the term of : „suffering“, is nothing but a condition of imbalance of a system i.d - i.p, or of a system i.d -i.d, or rather of a system i.p - i.p.(If we pour half a litre of water at a temperature of 60° C,in a litre of water of only 10°, the system i.p- i.p considered, will suffer only until it does not reach the thermic balance. You must bear in mind that such system consists in half a litre of water (i.p) and a litre of water + its surrounding environment, the sum which once again equals to i.p).

If we take in consideration a single “thinking” biological entity, such system will therefore be constituted by the following components: mind (soul o i.d) - body (i.p) – its surrounding environment (i.p + i.d)<sup>\*11</sup>

Each biologic entity, represents a small integrating part of the system i.d - i.p which constitutes the entire Universe. In a human being, any psychic crowd (from schizophrenia to depression), is fundamentally due to a condition of imbalance of the system : [mind - body –

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<sup>\*11</sup> *Let's not forget about the fact that on Earth, the surrounding environment on the biologic entità taken into consideration, is constituted by endless biologic entities which are “highly thinking” (human beings) and by several other biologic entities which are less evolved (animal and vegetal); therefore, an environment which is rich of dynamic information.*

surrounding environment]. A determined kind of suffering, for a common human being, can even last for the duration of his entire life, if he does not try to put a minimum effort into following the „advice“ of his subconscious (i.p) and to therefore find the „right“ environment which would help it live quietly. Obviously, it isn't always possible to „freely move“ when and how we wish to; but the subconscious (conceivable as an antenna which is constantly able to absorb the information of syntony) if we „listened“ to in the best of ways, is able to supply us the indications/solutions necessary to leave a determined condition of energetic imbalance. Such indications, if followed „by the letter“, don't always have an immediate effect; actually, in the majority of cases, it is necessary to spend tens of years to be able to find that perfect harmony which was lost or actually never „enjoyed“ since birth.

Generally people with the higher predisposition to suffering are those: who are either very stupid, or “too intelligent”. And unfortunately, this is due to the fact that the entire human civilization is mainly constituted by people with mediocre intelligence.

When the dynamic information of a human being is able to communicate with his own body (i.p or subconscious, however we wish to call it), the waiting time to leave a determined condition of imbalance (suffering) reveal to be too long for the individual under discussion (everything depends upon the intensity of the dynamic information: the greater it is, and the more it will be able to stand the waiting times which get longer), and inevitably illnesses such as cancer or the act of extreme suicide will follow.

The condition of energetic imbalance of the system i.p-i.d inherent to an animal species (for example the human one) solely ends the moment when the same extinguishes itself. Terrestrial Paradise cannot exist, as it would go against the second principle of thermodynamics. The only condition of absolute balance is the one defined exclusively by dynamic information. If the human soul wasn't constantly searching for absolute balance, it wouldn't have fought wars for thousands of years, finally creating the atomic bomb.

Dawkins is right to support that human genes (DNA) behave in a selfish way; the only system which the dynamic information of a species has available, in order to reach its final scope (that is the absolute equilibrium), is that to induce the genes to assume a selfish behaviour, by selecting them in favour to a higher intelligence (conceivable as a higher dynamic tension ... *the dynamic information of the Universe is a child who is slowly growing*). The human species will anyhow be destined to go through the stages of energetic balance, perhaps according to intervals of cyclic time more or less regular; forasmuch the selfishness of our genes, with time, will learn to conceal itself so as to make the existence of individuals less of a suffering and that they may sweetly be led towards the absolute balance. When everything ends, we will perhaps not even realize it.

*No one here gets out alive*

What is commonly defined as “subjective will” (relating to an individual), is nothing but a complex game of cause-effect (and its origins are lost in ancient times) of a system, whose components take the name of: mind – body – its surrounding environment. Each choice or decision which each human being is „forced“<sup>\*12</sup> to take each day in the course of his life, is the result of an exchange of information between the components: mind – body – its surrounding environment, of the system in which he belongs, in accordance with the principle of thermo-dynamics<sup>\*13</sup>. A human being is always looking for someone who understands him, because a reciprocal understanding is nothing but an exchange of information (dynamic for friendships; and dynamic + potential between two people who love

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<sup>\*12</sup> *To make an example, because I like blond women, this is perhaps due to the fact that in many previous lives I married women with light hair (...and with time I have realized that they only bring trouble) Taste does not arise from nothing; each effect has its cause.*

<sup>\*13</sup> *But because this context also involves dynamic information, it would be necessari to talk about the second principle of thermal-mind-dynamic.*

each other in a most profound and intimate way...therefore including the one between two homosexuals) necessary to achieve a determined balance in the system [mind – body – its surrounding environment] of an individual.

A good level of energetic balance can be reached by frequently going to our psychoanalyst...providing that he is able to understand you (for example, they just make me feel irritable) whilst the optimal one can be solely reached if one has the immense luck to find true love, more precisely the perfect harmony which arises from a total exchange of information. There is no lethal illness for a human being, if he is permitted to cure himself just with the power of love.

### *Bibliografia*

#### Libri:

Frank J.Tipler,*The physics of Immortality*.

[trad.it.*La fisica dell'Immortalità*,A.Mondadori,Mila-no,1995].

Barrow J.D.,*Impossibility, The limits of Science and the Science of Limits*,Oxford University Press,1998.

[trad.it.*Impossibilità*,Rizzoli,Milano,1999].

Richard Dawkins,*The Selfish Gene*,Oxford University Press,1976.

[trad.it.*Il gene egoista*,A.Mondadori,Milano,1995].

J.P.Briggs,F.David Peat,*Looking Glass Universe*, Simon & Schuster,New York,1984.

[trad.it.*L'Universo oltre lo specchio*,RED,Como,'98].

Robert H.Hopcke,*There are no accidents*,Riverhead Books,The Putnam Berkley Group,New York,1997.

[trad.it.*Nulla succede per caso*,A.Mondadori,Milano, 1998].

M.Von Franz,*Psyche und Materie*,Daimon Verlag, Einsiedeln,CH,1988.

[trad.it.*Psiche e materia*,Bollati & Boringhieri,Torino 1992].

Michael Talbot,*The Olographic Universe*,1991.

[trad.it.*Tutto è uno*,Urra,Milano,1997].

C.G.Jung,*La sincronicità (1952); Gli archetipi dello inconscio collettivo (1934/1954)*, Bollati & Borin-ghieri, Torino, 1998].  
Hawking S.W.,*A Brief History of Time*, Bantam, New York, 1988.  
[trad.it.*Dal Big Bang ai Buchi Neri. Breve storia del Tempo*, Rizzoli, Milano, 1989].  
Grof Stanislav,*Psychology of the Future*, S.U.N.Y, 2000.  
[trad.it. *Psicologia del futuro*, RED Edizioni, 2001]