

INFORMATION

The basis of the universe



Theorie Of Everything (TOE)

$$i = E = MC^2$$

Dieter Walter Liedtke

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Dedication

With gratitude I dedicate this book to Her Majesty Queen Sophia of Spain. In her country I found peace necessary to finish this book on World Formula since the beginning of my work 40 years ago. Her «Presidencia de Honor» at the Formula's art open and exhibit 1999 not only protected and inspired me but also created a basis for expanding the Art Formula to World Formula , Código Universo with the help of art created at Mallorca.

Dieter Walter Liedtke

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Search for the World Formula

There have been extensive attempts to develop a theory of something OVER EVERYTHING, the World Formula, which would unite quantum physics and the relativity theory, could explain the Universe and the Creation.

The Strings Theory has not moved us any further during more than twenty years. And only the theory of Super Strings in 1995–1996 offered us new opportunities to move closer to the limited physical World Formula. This theory, as well as the theory of Multi-Universe, theory of membranes that could lead a way to the other dimensions, are, as a rule, useless in finding out "what is Creation" and "why there is not only Nothing that exists." In his search for the physical theory of the Universe, Stephan W. Hawking writes the following in his book "The End or the Beginning": "In the theory that longs to describe the Universe, there should be something very peculiar, very specific; in addition, it should:

1. enclose four dimensions
2. include gravitation
3. be finite

All of the supposed qualities of the theories presented earlier, even if they are correct, do not substantiate single theory or formula, which could describe the Universe, its evolution how the laws of nature, life and art appeared, how self-consciousness evolved. The single theory, which would carry this name, should include the notion of our existence, the infinity, and art or of the possible Creation.

The notions that we are well aware of, such as time, space, gravitation, evolution, energy, matter, the past, the present, the future, information, life, consciousness, and Creation should be redefined. These notions should be reinvented or the well-known definitions should be placed into the new structures of definitions and meanings with new self-oscillating properties and be considered as the ones perceiving information, changes and creativity and, as a result, supporting their own cultural and information network in order to find the answer to the question of what is Universe and why we exist.

31 Unresolved problems

The research results of elementary particle physics and astrophysics meet numerous riddles on their way to the universal formula, such as the 31, presented as an example of unresolved questions, the number of which apparently multiplies if we accept the research carried out in evolution, art, innovations, biology, sociology, neurobiology, genetics, epigenetics, theology and research into our behaviour, our communication processes and mass media. But that is only "apparently", because through a general reflection, from a new point of view, it is possible to find a solution to the discovery of the theory of ALL.

Theodor Adorno indicates the following way out:

"Philosophy, as it should be held responsible in view of despair, would be the attempt to consider all things as they are presented from the point of view of liberation. Knowledge does not know of any light other than that which is the light which is the light which is the light which is the light. glows from liberation itself: all others are extinguished in the task of imitative construction and it's just a piece of technique."

Could the following riddles of the Universe be deduced through an easy formula?

1. What existed before the Big Bang?
2. How are the laws of nature born?
3. What is time?
4. What is gravitation?
5. What is matter?
6. Why is there evolution and not stagnation or paralysis?
7. What is space and three-dimensional space?
8. What is the fourth dimension?
9. What is information?
10. How do the theory of relativity and quantum physics relate?
11. What is Dark Matter?
12. What is Dark Energy?
13. What is background radiation?
14. Why is background radiation heterogeneous?
15. Is matter conscious?
16. How is life related to computer networks and self-consciousness?
17. Why do genes, genetic programmes and life arise?
18. What is consciousness, the "I"?
19. How do innovations, creative activity, art and life influence the consciousness?
information from the mass media (MDM) about our
how many, genes and cells?
20. Is there any relationship between the rituals of ancient cultures, information,
placebo, MDMs and our genetic programs and cells?
21. Is it possible to predict the future?
22. Is it possible to travel to the past?
23. Why is there timeless information that is transmitted faster than the speed of
light?
24. Is resurrection possible thanks to the quantum teleportation of
information from the past and its recovery?
25. What links or connections emerge at a quantum level thanks to the p
knowledge and information?
26. Is there behind quantum physics any limitless and timeless existential world,
without matter and energy?
27. What is the quantum computer of information about the Universe?
28. Why does the Universe expand so rapidly?
29. Why is there not only Nothing, and what is the Supernada?
30. How are the links related to the universal formula?
31. Does creation exist?

The Immediate Benefit from the World Formula

The sought is the one out of which a relativity theory or quantum theory could be drawn.

The scientists who are in search of the unified theory, proceed from the fact that it presumably does not contain facts per se, since from the hierarchy of already researched and supported formulas we can gain understanding of the fact that the process of decrease in the number of concepts moves the further, the higher is the theory in the hierarchy of theories and formulas. Therefore, this theory should refrain from concepts and be based on graphical math. An intelligent and globally thinking mathematician, philosopher or natural scientist should be able to lead the hierarchy of theories out of common equality, provide it with additional details and understand the Universe and its inhabitants based on the features described in the formula. This formula should show the ways that would let the existence of such inhabitants be improved in various areas:

for the State and Government system,
in educational systems,
in the understanding of democracy,
in social behavior,
in creativity and intelligence and
in the way health of the world population can be optimized.

Here it can lead to creating:

World constitution, some universal rights, new ethical regulations and mass media laws, peaceful coexistence of religions.

It could also show the manner in which it could be possible to make all the necessary energy renewable by wisely exploiting natural resources, and not exploiting people and considering that the population growth rate is increasing, the way how to get this energy by means of innovations thus guaranteeing well being of all people in the world. We should realize that the creativity of all people is our inexhaustible vital resource.

We can infer from the energy balance that each person's innovation force of creative spirit frees more energy than this person actually consumes. When speaking of humanity as a whole, it means that as soon as all creative potential of all previously limited people's creative force is freed by understanding the Creation through the World Formula, each person could make personal input to the common ethical well-being and welfare with the help of his or her own creative energy reserves. A simple World Formula is a start of the late Second Global Renaissance.

World Formula – Ingeniously Simple Universe

The given book substantiates the results of the work of the art worker and philosopher, which help to go through the borders and respond to the 31 questions of our being with the help of the works of art as a research laboratory and an object of study.

Contradictions and separations that exist in sciences between quantum physics and relativity theory body and soul, metaphysics and physics, religions, peoples, social systems, ideologies, as well as between people, are in the long run, artificial barriers the liquidation of which is being conducted with the help of "Formula of Everything", which the whole world is searching for and which forms the basis for new Studium generale.

The unified world formula reconciles Darwinists and Creationists, atheists and believers and presents itself as a complete and single connecting manner of perception in an open thought system with a positive future that people should be able to create themselves.

Formula possesses various planes of statement, two of which will be briefly described below:

1.) The Knowledge Plane: Theoretical System for researchers and philosophers.

New theories that show hidden motive behind the formula in the book "World Formula is a genuinely Simple Universe", which is especially convenient for the people who fail to think in a standard way, skeptics, naturalists and humanitarians, philosophers, art workers, critics, researchers and inventors. Because the time of the open society and the second Renaissance has come, the formula will show that under the attack by the opponents of the free and creative society with the basic prosperity for all people, is hammered out and hardened into the true steel of idea, which can and must move away from the previous steel of swords because this theoretic system, in spite of the new results of empirical research, will not be able to connect peaceful people for a long time with the swords. Also, the book "World Formula" is right as a base that stimulates ideas and "obstetrician" of the innovations for the governments, organizations and communities of nations such as UN or EU, religious leaders, politicians, heads of enterprises, researchers and art workers, which would like to take part in forming positive future for all the people and seriously regard the process of stimulating art, democratizations and humanization of society.

2.) Planes of applying A, B, C, D to improve creativity of society, but not all the people who use the formula, should read the book or have to understand theories.

The prerequisite for this is the fact that the book "Código Universo" is on the internet for each and every open spirit, who wants to delve into the contents of the book and thinks of Formula and the ways it may be applied in the society, would like to test it with the help of new research results or compensate with its life experience.

A.) Understanding through vision and hearing

Short video-clips to present the World Formula through TV or Internet.

B.) Understanding through vision and logic

Print media; graphic and preliminarily processed short messages and generalizations of the formula in books, catalogues and CD/DVD.

C.) Understanding through art and its innovations

Art open exhibits, evolution museum.

D.) Understanding through fantasy and creativity

Movies and documentary films about the World Formula.

Effect: through the optical and acoustic representation, through the vision and understanding of areas A, B, C and D of the Código Universo, where the population takes part to improve their own creativity by applying automatically determined programs, democratic process is being stimulated through cognition.

Consequence: fears, depression, illnesses and aggression of the population decrease and by viewing and understanding the Formula, motivation of the future and the force of innovation, connecting to the own history and origin as well as to the force of innovation, art and culture stimulates personal development of people by passing the creativity. The broad masses of population will present new solutions and the products for the future, fields and forms of economy.

Do the Código Universo elementary particle results come from Cern?

A set of experiments conducted in Cern, Switzerland, with the help of new charged particle accelerators, will probably lead us to the new perception of material world and, hopefully, will corroborate that: 1. Information, because of its entanglement, constitutes a timeless and spaceless mass bound together with the help of gravitation, dark energy, dark substance, energy and substance. 2. Information entanglement or junctions predispose the existence of space, time, elementary particles, energy, gravitation, quantity, quanta and nets of information systems or specific information nets (laws of nature). 3. New information is entangled with the giver of informations in different ways and at different levels.

- A. In timeless and spaceless specific information nets (the present),
 - B. In the nets of the past where information was transformed into substance and energy,
 - C. In the open future zone of unlimited possibilities,
 - D. In the zones A, B, and C, as is confirmed by the quantum theory.
4. Entanglement of information can be perceived, measured or counted at different levels which are: elementary particles, energy, gravitation, dark energy, dark substance, atoms, galaxies, the Universe, people, all the living beings as well as their social systems.

World Formula, Código Universo–Results of the research concerning the world formula

The results of a neurobiologic research in genetics, cells and evolution conducted in 1998 confirmed that the existence of every being of the world depends on initiating events, information and the ways of its concentration as well as on information nets and their typical content. These results also confirm the part of the world formula revealed in my works of art, exhibitions and books of the seventies and the eighties that describes the "living, biologic aspect" of the world. I can surmise that the new research concerning elementary particles (to be conducted in Cern till the summer of 2008) will show that information laws of the "living world" correspond to those given in the theory of elementary particles and in astrophysics, and that the researchers from Cern having conducted experiments concerning the problem of information nets will only confirm the assumptions anticipated by my works of art and book exhibitions in the period from 1963 to 2007. It is not essential, however, whether the research conducted will discover new small and smaller elementary particles, strings, new types of energy or substance that constitute transitory stage of information on the way to substance and world creation. If the research concerning elementary particles could find proofs that such kinds of information concentration exist, the physical aspect of the "world formula" given in the classic universal theory would be fully confirmed thus paving the way to the Universe Code for organic and inorganic substance as well as for evolution of life and the Universe. (The General Codigo Universo Information Theory).

The General Codigo Universo Information Theory

Confirmed by the numerous works of research achieved and Nobel Prizes awarded in various scientific disciplines over the past ten years, the findings of the General Codigo Universo Information Theory enable the recently emerged and as yet unresolved questions in research to be answered and evidenced with the help of researchers. Here I name the following two recent Nobel Prizes as representative:

2013 Nobel Prize in Physics

The prize was awarded to François Englert from Belgium, and the British scientist Peter Higgs for the prediction of the Higgs particle. The Higgs particle ensures that particles – i.e. the basic building blocks of matter – are provided their mass and thus slow down. However, the Higgs particle as found at Cern (Switzerland) in 2012 also shows that the Cern-based scientists remain unable to use the Higgs particle to explain the entire gravity that exists in the universe. It is by the Codigo Universo Physical Information Theory that the first conclusive answers are provided by and, beyond that, all four forces of nature (the strong and the weak nuclear forces, the electromagnetic force and gravity) are combined in one statement. In addition, it explains dark energy, dark matter, gravity and the velocities of both particles and energy. Information is to be and to exist. It does not matter how many and which primeval particles and energy are discovered by physics to be the smallest particles or energy units (e.g. dark matter or dark energy: The Higgs particle as the lightest of several bosons, wimps, sterile neutrinos, axions, Kaluza-Klein-particles). Both their origin and their next level of energy or materialization are always an expression of the new information, physically either measurable or not.

2013 Nobel Prize in Medicine

In biology it also comes close to the Codigo Universo Biology Information Theory (life, DNA, diseases, evolution, health and eternal life). This year's Nobel Prize Laureates are Thomas Südhof, James Rothman and Randy Schekman. The three scientists were awarded the Prize for their discoveries concerning the transport and information systems within the cells. Defects in the transport system form the basis of immune disease, diabetes, tetanus, and endocrine as well as nerve disruptions and many other diseases. It can be explained by the Codigo Universo Biologic Information Theory how the genetic and epigenetic programmes are rewritten by the information and information systems to control illness, death, health or a long and eternal life.

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Painted Formula

Prof. Karl Ruhrberg, Cologne 1997

Former director of the Art Gallery Düsseldorf in the Ludwig Museum, Cologne
President of the international association of art critics (German Section, AICA)

*"Dieter Walter Liedtke"s concrete Evolutionismus
if a new world opens to the viewer.*

*He points, like the matter, the only object up to now and medium
of the artistic representation was, for their part her surroundings could perceive.
This information has a consciousness-raising function."*

Concrete evolutionism of Dieter Walter Liedtke opens up a new world to the viewer. It demonstrates how matter, which had been just an object, could perceive its setting from its own side. This information has a function of the expansion of cognition. The attempt reaches the stage when it is necessary to imagine in what correlation is human to the matter, its own matter (atom and also the Universe), where it should be seeking its place in the dimensions of infinity. Quantum theory, as well as new atomic physics reach the areas that are inaccessible to the definitions of the classical physics. For example, it is impossible to define exactly the place where there the smallest possible particles of atom are positioned at a certain moment. The boundaries of time and place are degraded. The exact definitions are dissolved in vagueness. The smallest particles exchange information exactly at one and the same moment of time despite the fact that they function miles away from each other. The time does not pass and that means that information travels faster than light. And then Nothing begins which exists everywhere and nowhere. Irregularity becomes regular. The more the attempts are to try to find the absolute essence of nature, with the help of signals that act in the fields placed outside of human abilities of perception, the more inconceivably the limits of these signals become blurred. Liedtke makes this inconceivability a scene of action. This is his basis. The indefinable, the inaccessible and the indefinite, the inexistent is what he tries to get into "today." Joseph Beuys said the following: "I came to a conclusion that there is no possibility to make something for a person other than through art. I need pedagogical concept, I need cognitive and theoretical concept and I need to act, so three things need to be united in one here."

At the time when Joseph Beuys was researching objects for evolution of his "Social Plastics" and public opinion, Liedtke was developing the concept of cognition theory, pedagogical concept and nevertheless, he acts by starting the major transition of "Social plastics" into a concrete evolution. It is the higher manner of perception which he finds important, not the detail. It is manifested also in the creative process, in the

fact that he seems to be outwardly negligent and intuitive with the materials. This is a religious, metaphysical angle of Dieter W. Liedtke, devoid of the imprint of time. The fourth dimension. The viewer perceives this philosophic angle by complex perception of its works. A naturalist perceives it as a plane of information, which may open up the new beginnings for naturalistic experience and new ways of cognition in Liedtke's works.

However, Liedtke's paintings could be understood as key information to distribute the feeling of tolerance and mutual respect of people to one another. Everything is important here. Human being, nature and even a stone seem to be a part of Liedtke himself. The four areas – timeless states, philosophy, natural science and sociology – time and again exceed everything that had existed before his works.

Prof. Niklas Luhmann, Bielefeld University, writes about Liedtke in his "Judgments" in 1996:

"He modifies and breaks the limits of known theories

His new scientific theories are a condition and the product of their own activities."

"...One could imagine evolutionary achievement, which, once invented and introduced, makes itself possible."

Prof. Karl Ruhrberg

Cologne

Matter and Consciousness 1981

Does matter have cognition? How can it be set? Isn't the cognition what differs it from all the other living creatures, to say nothing of the "dead matter"? Similar questions, including this one, appear immediately when we start thinking; these questions appear even before that, by themselves, since this simply formulated definition, or better to say assertion, is so unusual and provocative.

The reader is invited to take up the challenge contained in the above statement, and stand on the path of art and considerations, using which I came to my astonishing conclusions and which I am trying to reproduce here.

The indication "the path of art and considerations" already gives us the first approximate direction to get oriented in the area where we are planning to be moving at least for some time: the area of systematic creation and thinking directed at a certain aim and transforming into cognition. Philosophy is a regular label for this meticulous and considerate process of thinking. But let us refrain from describing the history of traditional philosophy; rather, we would just address some great philosophers from time to time to find out whether they could give us scientific conclusions to make us move forward.

Not only philosophy can help us here, but also the science that is responsible for everything connected with the notion of "matter", that is, physics. Two of the most influential physicists of our century, Albert Einstein and Werner Heisenberg have published, as strange as it may seem, sophistic works and really, philosophy and natural sciences have some points of contact.

What do we mean when we talk about "matter"? This notion, which seems to be so important, appears to be not as simple as it seemed at first. The title "matter" was applied to what nature presents to us as "material" for further processing by man. Then the stone would be named "matter" as well, just like water, wood, minerals and everything that exists without the participation of a human being.

Another definition explains matter as a substance that is characterized by the so called "resting mass." The expression "resting mass" should not be of concern to us; it shows only the feature of the matter which is the reason of applying a certain force if we would like to change the condition of movement of a certain object.

Further idea of what matter is says that matter is a substance that has a certain form. This definition includes, on the one hand, natural objects offered by the nature of the substance itself since every substance that occurs in nature, occurs in its specific form. This form may vary, but even the objects created by humans, all objects that get its form and image owing to the processing by humans, also fall under this definition.

Here we will find our household articles as well as some objects that do not have direct practical application, such as the works of art, for example.

This wide concept of matter could be found in my paintings. In the same manner as the mundane objects that surround us every day and that we would never pay our specific attention to, such as a vase, a window, the naturally existing objects such as air, mountain or a cave also have cognition of their surroundings. Owing to this cognition, matter is capable to perceive its surroundings.

Here we talk about the second key notion, a notion of "Cognition", which should be defined in a more exact way. We will approach this notion in as unprejudiced way as possible and will first consider our usual ideas of what should be cognized and what is understood under the notion of "cognition." Following that, we will be able to define a decisive notion for this expression.

In the same way as this notion seems to be natural and well understood to everyone, it is in fact very polysemantic and blurry in reality. It is very widely used in pedagogy, sociology, art science, philosophy, but is not limited to these sciences. However, this wide use leads us to considering it to be very positive without really knowing what we mean. The general meaning is something like "I realize something", that is, "I pay attention to something" or, in a somewhat stilted example, "I am discovering something"; here, cognition means a mixture of vigilance and attention.

In psychology, this word means its own manner of human perception of mental and cordial processes and subduing them to your own self. Self means also that I realize my own self that that I can even ponder this. These ponderings lead us into the field

of philosophy, where cognition plays a major role. Human is a subject that knows a lot about himself and the others, to which objects are opposed being "some things that someone knows about." Consequently, we discover the abyss between a human, a subject and the things, world phenomena, objects, so this abyss needs to be conquered. For centuries, philosophy was overwhelmed by the question how a human being can attain the world of things and how he can remove the division between an object and a subject. We will consider this issue in greater detail later and will see that this original start, assertion about the division of humans and objects is not at all inevitable, and that on the contrary, it should not be perceived in such an unconditional way. A teaching by Martin Heidegger, for example, is based to a great extent, on denying this assertion, and the religion of the Far East, or, that the teaching of the Far East have absolutely different ideas of the connection between a human and a surrounding world than classical Western philosophy.

Let us get back to cognition. Often, cognition is described as a decisive factor, which distinguishes us, humans, from animals. "Cognized" experience is possible only at a certain stage of human existence, is considered to be a prerequisite for any choice between multiple abilities in the embodiment of human existence. Cognition is considered to be something that is connected with the brain, or with a special function of the brain, which has been developing for a number of years and which only human being has.

Contemporary scientific research understands cognition as an ability of the central information network, nervous system, to constantly address the issues that happen in reality, with impressions and alterations.

The above mentioned peculiarities could also be perceived as a vibration of self-cognition in the framework of self-preservation along with saving and distributing own information network (preservation of the species).

New research results that have been obtained with the help of new modern technologies, open up the language of animals and plants to the researchers. They confirm that all organic forms of life creatively change, adapt to the environment and to preserve and protect themselves, they send information, and therefore they should possess some form of self-cognition and the cognition of the species because there is no other explanation for this. Self-cognition is a product of primary spiritual experience that is named as 'soul' by theologists; it is created by means of natural process of pro-

bing and in the process of competition with some other information networks, it expands its access language into the Universe. The changes perceived by the alterations between the stages and creatively react to them thus showing the invention of the Universe evolution, or, more precisely, the inseparable part of every existence. *(see also www.mpg.de/pri0108.htm)*

This process is manifested in the constant consideration of the changing information and changing self; this is not only the peculiarity of the living, organic matter, but a characteristic of the laws of nature, energy of electrons, gravitation, time, spaces and information networks that are not tied to matter, as we will see later on the basis of quantum physics, origin of the laws of nature and their systems.

The Human Being in the World

All living beings have one, sometimes different, but single control center, but a human control center has several peculiarities that we are trying to imagine at this moment while trying to define something what we call "cognition."

Human being seems to be the living organism that can ask a question about the sense of its existence, which can ponder its existence and accumulate experience that helps him or her understand its own self or the surrounding world. This is so simple to say, but it is here that the danger of overestimation of its own self by a human being lies: we are capable of cognizing our environment, regulating it or more or less understanding it with the help of our senses. However, we can also witness the existence of "objective" features of the world that surrounds us, the features that do not depend on the sensual experience. For example, we can get surprisingly exact data about the atomic structure of the matter, although we cannot perceive the electrons, that is, the essence of the atom, with our senses. In the same way, radio and TV waves, which have already become so normal, cannot be immediately perceived and processed by our own organism; in order to do this, we need specially constructed technical equipment such as receiver and transmitter. Same thing happens to a phenomenon called electric energy, without which our everyday life today would be hardly imaginable.

All these terms show us that a human organism is, in many respects, "imperfect" and that our ability to sensually perceive something can only be applied to a limited number of natural phenomena. We can visually present it in the example of electromagnetic waves. Wave length is a distinctive feature of various electromagnetic waves. There are waves that have a length of several kilometers (such as the waves of wireless telegraphy), there are radio waves with a length ranging from one meter to one kilometer depending on whether we talk about a USW (ultra short waves), short, middle or long waves; there are TV waves, radar waves, light waves, X-ray waves, radioactive decay. The area of light seen to humans is relatively minimal compared to the whole length of electromagnetic waves.

But we also know that there are living creatures on this earth that have senses capable of perceiving something that humans cannot do with their own senses, but are able to perceive only with the technical equipment. Bees can perceive ultraviolet rays hidden for humans, bats can perceive ultrasound, etc. We know that in this world there are a number of features that are unimaginable for us, people, because we do not have organs for this. But we do not know what happens beyond the limits of our

perception; we cannot even imagine that and even with the help of our technologies, we will never be able to make all features of this world accessible to us.

Something that is perceived by us as reality is in fact nothing but a fragment of the world and we do not even know how big this fragment is. We can realize how small it is, though, considering the small part that the visible light occupies in the whole spectrum of electromagnetic waves. However, it is not accidental that we have certain senses designed for certain things at our disposal and other creatures have somewhat different senses for other purposes since this is a result of development that led us to the creation of certain organic features in our organism necessary for our survival. It is necessary to add here that these organic prerequisites are always effective for the stage of development that had been achieved at this very moment; they are constantly changing and will be changing in the future. The danger of overestimating oneself lies here though: not human, not any other living creature has reached the end of its constant development and while evolution has been going on for millions of years, why does it have to stop now? We can always witness something what our today's stage of development allows us to, but we also have to bear in mind that the constant process of our biological adaptation to the environment would probably equip us with a new perception apparatus. One is probably aware of the fact that this process takes up millions of years.

And although such paintings as "The Stop Sign Sees a Row of Houses" surprise the unprepared observer, in a certain way we can fix the "intermediate result" showing that the paintings should be viewed with an angle of changed or altering mechanism of perception and cognition. We will try to delve in this matter further.

Before that we have mentioned one of the problems of classical philosophy, that is, the question how a human, which is a "subject" of cognition can overcome the abyss between itself and the world, the "object" of cognition. In other words, how can a human being oppose the world as a thinking individual who knows about its own existence? Or he does not oppose the world as something separate, but the world itself is a product of his imagination? But if the world really exists, how can we explain the fact that the ideas of a human about manifestations of his being agree with the options that this world creates for him? Why the construct of the world is created according to the human mentality in such a way that he or she can orientate there? This problem can be formulated in this or a similar fashion. If we start thinking about what we had said about the evolutionary development of a human being, about his

adjustment to the living space, the answer will come by itself. That is, human being does not oppose the world in the category of subject-object; it is not placed there as a foreign body; rather, it is a part of it; it has come out of it. From this point of view, the structure of human perception mechanism and the features of the world that become accessible with the help of this organism, go in perfect harmony with one another.

The above mentioned philosopher, Martin Heidegger, found a suitable definition for it, albeit not from the evolutionary point of view: according to Heidegger, human existence is characterized by the "presence-in-the-world." Let us develop this thought further because it will help us deepen what we have described above, but from a different angle.

Heidegger states that the area of what "exists" is the area of the "present" and can be divided into three parts. He distinguishes a human present, which he calls existence; then he distinguishes the present created by a human for a certain purpose, defined by Heidegger as "thing" or "available" that is, something that can be used for something else and the "existing" that the nature had had a long time ago. The most familiar present to the human is "thing" because he uses it almost every day and it is related to his specific area of activity, be it work or entertainment. The world of a human is unimaginable without a "thing." But this tells us something very important: if a human world is unimaginable without a "thing", that means that human always deals with this "thing" throughout his life. Consequently, practical experience shows that there is no abyss between a human and an object or thing, that human is placed in the centre of the world. That is, to exist in the world means something related to the basic device of a human, which is inseparable from him. The question of how a subject can move away from his boundaries and move to the objects is too theoretical, too artificial and very distant from reality since human is connected to the world by means of development that he had received as a result of the evolution process and, according to Heidegger, by means of essential feature of its existence.

Plato and Aristotle

We have already repeatedly spoken about imperfection of our apparatus of sense perception, that is the reason for the fact that we cannot create a full picture of the world, because we have access only to a comparatively tiny fragment of the objective world. So, we know in spite of our imperfect perception, that there must be a world the objective properties of which exist irrespective of ourselves. Our intellect tells us that there must be this objective reality. This idea is, however, anything but new, yes, it is even "rather stale" because it appeared two hundred and fifty years ago.

The thinker who gives no credence to sense perception is a Greek philosopher Plato, a disciple of Socrates. Plato proceeds from the assumption that our senses show us the things not as they are "in reality", but only in their continuously changing manifestation. Although owing to a combination of a larger number of perceptions through our senses we can create a somewhat more general picture of the world, we still cannot approach the core of a thing close enough.

Plato has chosen for presentation of his ideas the form of a dialogue, the form in which the pros and cons a problem can be discussed very vividly and keenly. In one of these dialogues Socrates, nearly always the predominant figure in Plato's dialogues, tells his interlocutor a parable about the people who live in a cave, in an underground cave-like dwelling with an entry oriented upward against light. They are since their childhood put into irons by body and neck, they have never left their place, they could also see only straight in front of them because the irons prevent them from moving their head. They get light from fire burning high above and behind them. Between the fire and those put into irons there runs a way along which a low wall is built. Lengthwise the wall people carry by various devices that protrude above the wall. Some of the passing by people speak, some keep silence.

The interlocutor remarks in his turn that these are rather strange prisoners, Socrates returns to it that they are like we, people. Those put into irons have seen of themselves or of each other nothing but shadows that were cast by the fire onto the opposite wall of the cave. Quite the same can be said about the objects that are being carried by. If they could talk to each other they would believe that, what they see and name with words, is the same that is being carried by. If the dungeon would also enable re-echoing from the opposite wall, those put into irons, if one of the passing by would say something, would bring the heard words in correlation with each of the passing by shadows.

These prisoners would consider real nothing but the shadows of the artificial objects. But if one of them were liberated and forced to suddenly stand up and turn his head, to start moving and look toward light, and that all would hurt him and he, blinded by the glitter, were not able to recognise the things, the shadows of which he had seen before, what would he say if he were assured that he had then seen only the not-existent, but now he were closer to the existent and that is why could see better. And what would happen if he were also shown the things that had been carried by, which he could have perceived before only as shadows and then he was demanded to say what it was? And when he were forced to see light itself, would not his eyes ache and would not he flee in order to come back to the things that he would be able to look at being firmly convinced that they were in reality much more real than that what he was shown at last.

This is, in a vastly shortened form, the picture of human life and human cognition that Plato sketches in his "Cave Parable". The cave-like dungeon corresponds to our human being. Our environment, as our senses show it to us, resembles the shadow of the parable; the discovery of the shadow producing objects or light corresponds to cognition of the objectively existing world of "ideas". "We accept an idea when we denote a number of separate things with the same name", explains Plato. Consequently, ideas are the commonness that stands behind separate things, the generic names that underlie the separate things that, as the parable shows, are the only true reality. The separate things are transient, but the ideas standing behind them continue to exist imperishably as their prototypes. For Plato ideas are a true reality, that is, what underlies the separate things of our environment that is perceived through our senses. However, Plato leaves open the question what force that enables existence of the world of shadows (to stay be the terms of the parable). To put the question in a different way, how does it happen that ideas that in comparison with separate things belong to a higher, spiritual sphere become apparent in objects of the world that is perceivable through senses, that they are reflected in matter?

We find by Plato some indications to the point how we as people can move forward to the area of ideas: As the things of the sensually perceived world are only the shadows of the ideas, we can only approach these ideas when we leave the world of sensual perception and try to contemplate these ideas in complete renunciation of the outer world, in quiet and concentration of soul. The notion of contemplation refers to an important aspect in Plato's thinking, that of recognition. What comes in our field of vision just during contemplation, what becomes accessible to our soul during its secluded, turned inside itself "immersion", is something that it already knows. It is

not completely new things, alien to our soul, that open before it, but the whole cognition – and this contemplation is nothing else than what stands behind the sensually perceived phenomena – is possible only as a recollection and a recognition of the earlier states and incarnations of the soul. The precondition for this statement is immortality of the soul. Plato himself says on this point: "Since the soul is immortal and it has been repeatedly born and seen all the things here in the nether world, so, there is nothing that it had not experienced, and it is not surprising that it is able to recollect the virtue and all the rest that she had already known beforehand. Therefore as the whole nature is united internally and the soul has absorbed it all, so nothing hampers that if only one particular thing is recollected what people call 'study' that all the rest becomes apparent by itself when a person is brave and tireless in search, because search and study are accordingly entirely a recollection'.

The soul is immortal and repeatedly born – that is what Plato says. This idea runs through the whole of his work and comes up in diverse places of his "Dialogues". Plato, however, does not speak about general, indefinite continuation of existence after death, but immortality is for him something that makes the "core" of individual being: He understands the soul as divided into three parts, namely into thinking, will and lust. Thinking after Plato is placed in the head, feeling lies in the chest, lust is in the lower part of the stomach. Only thinking, intellect, is the immortal constituent part of the soul that unites with the both other parts when it enters the body. Intellect always settles anew in a body and forms together with both other parts of the soul an existence, called being. So, after Plato soul is an immortal fundamental principle of life that sets itself in motion.

As a further characteristic of the soul we find by Plato, certified by his disciple Aristotle, that it is not only self-moving, but also thinking and sensible as well as immaterial; it can think and sense, although it has no body and is only placed inside a body.

Earlier, in the parable of the people confined in a cave, we have seen that for Plato separate things are transient, but the ideas standing behind them continue their intransient existence. What underlies separate things is, strictly speaking, properly real, the separate things are on the contrary only a shadow of these "prototypes".

Ideas are something that really exists, although they cannot be perceived with the five senses that are put at man's disposal. But how can man establish a link with this level that, to underline it once more, makes up the reality after Plato? The answer is quite

simple: the immortal soul, to be more precise, its im-mortal constituent part, the mind, the intellect, is that part of man that joins him to the world of ideas. It is not the human apparatus of sense perception that provides him access to the proper reality, but his intellect. His body and his sensuality are the irons that hamper him to rise to the pretersensual world of ideas.

This is one of the most important fundamental ideas from which I have proceeded in my theory and the importance of which I have tried to qualify for. I will also further repeatedly dwell on this problem and ad-duce proofs and reasoning on the other part as a good philosophic grounds. Here it must be mentioned once more that Plato understands under the notion "idea" not only ascertained facts, but we also find by him the meaning of an idea as a "hypothesis", that is as a precondition or a basic assumption from which we can de-rive a persuasive explanation for the world of sensible experience. The hypothetic experience assumes as a basic precondition for the foundation of the building of ideas an irrefutable rational reason and develops a chain of ideas proceeding from this assumption.

This method finds a wide application in most various spheres, and even in natural sciences, the pur-pose of which is secured cognition, that is the contrary of assumptions, often applies such hypotheses in or-der to create a foundation for research of the facts of the matter. One of the best known working hypotheses from the sphere of physics is that of the so-called quark particles; certain states of affairs, as well as un-solved questions and problems, give the scientists a reason to think about even smaller particles of matter than the atoms are, or to search them with the help of expensive experiments. The existence of those parti-cles that were given a strange name "quark" would be able to overcome certain discrepancy in the present-day physical model of the structure of matter, and this assumption alone compels the researchers to the search of the particles.

Here it is important to adhere to the opinion that hypotheses are a widely spread and applied in most various scientific subjects method of finding cognition, and that also philosophy, that all philosophic systems deal with hypotheses.

The ability to set up hypotheses helps the human spirit to break away from the sphere of the sensu-ally perceivable and to explore for itself the regions that are accessible in the first line only for the spirit, but that help the man to explain the world of his experience and to understand it.

The already aforementioned Aristotle who was obviously the best known disciple of Aristotle and who himself was the teacher of an extremely famous personality of the world history, King Alexander of Macedon, who received a nickname "the Great", and who went down the history among other things because of the battle of Issos in the year 333, this Aristotle saw many things differently than his teacher Plato, moreover, he was his opponent, but as for the problem of immortality, here we find cognation between the both.

After Aristotle there are three kinds of souls: the feeding, or the vegetable soul; the feeling, or the animal soul; the thinking, or the human soul. Each higher soul cannot exist without a lower one; the animal soul has as its foundation a vegetable soul; the human soul – the vegetable and the animal souls.

Man after Aristotle is distinguished from all the other living beings and first of all from plants because he possesses spirit – by Plato we had the triple division of the soul into lust, feeling and mind. And, as there, mind was considered to be immortal, by Aristotle the spirit is the immortal part that does not perish with the body and continues to exist after death. However, Aristotle does not give any more detailed information how this spirit exists before birth or after death. I have inquired into this question because it seems to be of extremely great importance for me. Since the spirit, or as Plato calls it, the mind, is immortal and lasts longer than human terrestrial life, so this eternity of spirit grounded by immortality is something that is worth closer consideration only because of the fact that it lasts by endless number of times longer than a short span of a human life.

And moreover, it suggests itself, to consider the state that, being compared with another one, lasts countless number of times longer, like eternity in comparison with the human life, to be a normal state. And then it is considered normal and even inevitable when one tries to clear up the situation with this state, even if the facilities for it seem to be insufficient. These insufficient facilities, in the first line, our organs of sense perception, have the ability to set up the hypotheses that will bring us a good piece further on the way to solution of this problem.

*"Does the soul of a living being,
according to the quantum theory,
make up a net structure
based on all the previous experience of the creature,
with all the events and circumstances
connected with this experience,
concentrated into spaceless,
timeless immaterial information
possessing consciousness?"*

The Evolution

Later on I will keep up and develop the already mentioned idea of evolution of the human spirit. At that we will see that we can find interrelation between the platonic idea of immortality of mind and the accepted as a hypothesis further development of human spirit.

At present it is a recognized fact that development of various forms of life can be explained through the idea of evolution. Evolution implies further development of, for example, a human being like man under always continuing biological adaptation to the conditions that the living space offers to this living being. This process of biological adaptation depends on man's consciousness, intellect and will, it occurs as a bodily reaction for outer living conditions. These living conditions are to be understood as a slow transformation, a metamorphosis and it occurs, of course, not within the period of a single man's life, it takes millions of years. The body seeks, to a certain extent, the form and the constituent parts that it needs for survival in its environment with the help of its biological equipment. For creation of each particular organ and of "ability" connected with it, there had once been a necessity, nothing looked from the very beginning so as it looks today, everything has developed in the course of time until it has taken its present-day shape and function.

Naturally, evolution is not a process that once arrives to its ultimate destination and stands still, and the sense of evolution lies in continuous advancement without making a stop at this or that place. And quite as natural that there is not a smallest reason to assume that we, people, in 1987 were the final result of this evolution, that evolution came right now to its standstill. But we also are, as difficult it may seem to imagine, only an intermediate stage, a point, on the way that biological type man has passed since its origin. The end of this way is out of sight, but we are nevertheless still able to set up hypotheses what will come out of us in the remote future.

I have already described the human apparatus of sense perception as a very limited one. We are able to perceive with help of our organs of sense perception a quite particular part of our environment in which we have to move and orientate ourselves, in which our life passes. Our survival is protected owing to facilities for perception of environment that our body disposes at. The phenomena like radar waves that are not of vital importance for us (here we don't mean the indisputable role that radar plays in navigation by sea and air communication and that is surely vitally important in this sphere, we use it in quite a different sense), cannot be directly perceived by our body,

because up to now there has been no need to develop extra organs for it. Quite the same is, for example, with ultraviolet light that, as it was already mentioned, can be perceived by bees who orientate and navigate with its help.

The fact that we, people, do not now dispose of the organs that make accessible to us all the environmental phenomena that we have already discovered with the help of engineering devices and the existence of which is considered to be trustworthy, although they cannot be perceived with five senses, does not mean at all that man one day in the not very remote future will may be able to "see" for example radar waves. The precondition for it were exceptionally the assumption that the environment would change so much that there will arise a necessity for man to develop a special organ for reception of these waves in order to secure the survival of his species.

But we can naturally imagine quite different developments. Let us consider the increasingly quicker progressing spread of automation. By industrialized nations to whom we will necessarily restrict our consideration of this development, by virtue of understandable reasons, more and more spheres of life, work, as well as spare time, are determined by the use of machinery, computers, electric appliances and other engineering devices. Not only heavy manual labour is performed today by the machines constructed for this purpose, but also light but unpleasant work is transferred increasingly more to a machine. A modern household is hardly thinkable without a vacuum cleaner, a kitchen mixer, a coffee-machine, etc.; a washing machine is inseparable from our civilisation; quite the same about central-heating; a motor-car enables overcoming of large distances with a minimum of corporal efforts. Everybody can continue this enumeration for himself and supplement it with examples from the sphere of his individual experience.

When we take into account that man has been able to make use of electric power only for a relatively short period of time, nevertheless we dispose today of a considerable number of auxiliary devices that make our life easier with the help of electricity. Less and less corporal effort is required from man, more and more often can he "sit on his hands" and wait until a machine has performed the required activity. To sit on his hands – this colourful expression shows us the trend that finds its reflection in the aforesaid: The organs of our body that are adapted to perform all kinds of activities, because they have developed in the course of evolution extra for the purpose to be fit for all kinds of activities that were necessary for us to survive, are becoming "unemployed" before our very eyes. Our arms and legs "do" increasingly less, with the inven-

tion of every new device they become a little bit more "excessive" in a tiny subsphere of the whole our life – although nothing can be said against the fact that machines and devices still make our life easier and more pleasant.

And it does not make any great difficulty to imagine that some day in the distant future man sits in his chair and does not need at all to stand up from it because all kinds of activities are performed fully automatically. What for does he then need limbs that once were vitally important? He could do completely without them.

But, of course, it should not be understood so, that people wake up one morning and come to the conclusion that they need not arms and legs any longer, and that after that they will simply fall off the body. The organic changes determined by biological evolution do not happen from today to tomorrow, they develop in the course of thousand and thousands of generations. A single person never perceives them as a change. Only afterwards, looking back at the stage of development left far behind, we can state whether and what in particular was at that time different in the human organism, and then we can say that something changed so and so, that evolution has taken this particular way that finds its reflection in this organic development.

The environment that finds no more application for certain abilities would influence the evolutionary process in that sense that the organs that are no longer vitally important gradually change, transform or even completely degrade. In this respect nature does not allow a smallest luxury; only the absolutely necessary remains. To the same extent as the necessity to fulfil certain life supporting functions with a bodily organ gradually weakens, is also gradual change of the organ possible.

Let us try to keep in mind what we have already said about the human apparatus of sense perception: Our five senses deliver us a limited and cut especially for us picture of the world. English perception physiologist Richard L. Gregory has derived an exact wording for it: "Strictly speaking we are almost blind". No matter how exaggerated this sentence may sound, nevertheless it is true. Let us recollect what we have said about the tiny fragment from the total range of electromagnetic waves that can be perceived by human senses. By Plato we found the idea that man's body and his sensuality do not hinder him to rise to the pretersensual sphere of ideas – "The body is the grave of the soul", that is how Plato expresses it. The desire to advance to the world of ideas, to collect true cognition about oneself and the world, is something that drives forward the evolution of spirit.

When the human body that is equipped with a limited apparatus of sense perception hinders the mind to serve its true purpose, so this results in possible consequence that man must try to overcome his body in order to eliminate the defects. I see the further course of the human form of being aimed at such form of existence that enables man to exist without the body, as a pure spirit, giving up all that hinders his straightforward development. It is absolutely clear to me that with this thesis I will not meet complete approval, but should one really not express that he considers to be true because it is unusual and provocative? Still not! I adhere to the opinion that it is even useful for the mind to carry on polemics with new ideas.

Infinite Dynamics is the Tendency to Realize

Man must constantly create something new, correspond to his definition and self-realise. This infinite and incessant creation Picodella Mirandola (15th century) defined it as the human essence, on the one hand this is required by man and on the other he considers that man is capable of it. This attributes to man a quality that has only divine force: according to Mirandola, the process of self-realization is infinite, man possesses an infinite dynamic that keeps the tendency to realization active. The infinite is in a certain way a human "sign" with the help of which man becomes similar to God, but only similar, since if the process of later development were infinite, then man would never reach God.

As we shall see later, matter is also subject to evolution, and therefore Mirandola's theses will also have to be extended in that sense.

The fifteenth century was the century in which the Italian Renaissance reached its greatest prosperity. The time of the Renaissance was a time of the rebirth of antiquity, particularly Greek antiquity. People were unimaginably interested in anything to do with "ancient Greece", particularly Greek art and philosophy. The return to Hellenism had such a decisive influence on the development of all Euro-Western culture that it is impossible to imagine our time without it. Also Mirandola in his conception developed elements of ancient Greek philosophy, which however surprises us if we consider that Florence, his hometown, was the center of return to the doctrine of Plato. The works of this great thinker were translated into Latin, the scientific language of those times, and thus made accessible to a large circle of people. And it should not surprise us if in Mirandola's works we find repercutive ideas and theses that are known to us by Plato's doctrine. There we find that one part is formed by the other three of the already mentioned soul, in particular, of reason, which is immortal. Here now develops the idea that man's tendency to self-realization is infinite and expressed through an infinite process during which man always creates something new.

The Consciousness of Mankind

Giordano Bruno, another Renaissance philosopher, made a step in this direction, he put forward a thesis, that there is on the whole no contradiction between this and the other world and that the world, the universe, is endless; for him the world is no longer God's image, it substitutes God. All the celestial bodies of the world, all stars and planets soar in the endless force field of space and are maintained in equilibrium only by their gravity. Matter itself and not God is the fundamental principle of motion, and it gives birth out of itself to all what should become and take shape. But thereby the importance of the world rised as never before.

Here there is already at least an unexpressed hint that matter has something like consciousness; how could it otherwise produce such a well-organised, rational, thought-out to the smallest detail order, as it is for example on our Earth, a tiny fragment of the endless Universe?

Exactly in the same direction evolve the ideas of the great German thinker Gottfried Wilhelm Leibniz who says that nothing is dead in nature, that each its piece resembles of a "pond full of fish", that means that it is alive, and that is why disposes of something like consciousness. Leibniz brings all matter to the smallest particles that are able by way of their joining to form all the possible substances. He stresses that there is nothing exclusively material but that each matter contains a force that has been contained in matter primordialy.

The smallest particle that each substance consists of Leibniz calls a "monad". The monads are alive and capable of functioning, and as they are also indivisible they can neither be born nor perish naturally, so they are endless. They cannot be subject to any influence from outside because, as Leibniz puts it, "Monads have no windows". They as the smallest particles, to which matter and in it living force can be brought to, are not identical to matter, shapeless and are not subject to stretching. But they are changeable, then how otherwise could be explained the evidently available change and motion within the world? Since an outside influence by this continuous change cannot take place, it can be based only on an internal principle. Each particular monad develops uninterruptedly out of itself. But it means that this development can only be a transformation of something already available, that the future developments are already contained in the today's one. All monads possess consciousness that can occur

in differently strong manifestations, like sleeping, dreaming or awake consciousness in different monads. Thereby, however, consciousness ceases to be a property of human or animal existence, but it is present, although in a various degree, in all matter.

Leibniz expressed somewhat more distinctly what had already clanged by Giordano Bruno, namely, that by no means only man possesses consciousness, that matter also disposes of it. But he draws the division line that this consciousness could be smaller, although by unbiased consideration as much speaks for this assumption as against it. Yes, this is even a sign of typical human arrogance, when he ascribes himself alone the most perfect, the most refined consciousness and places all the rest on a lower stage. I have already explained how limited and, as a matter of fact, false the man's picture of the world is. But if he goes further and declares this incomplete, subjective picture of the world to be the only valid and objectively right, so he completely loses out of sight that it is his apparatus of sense perception that tells him what the world looks like. The organs of sense perception as they have already been described, are too much concentrated on solution of quite definite tasks so that they could cope with this one.

But how can man know that he possesses a higher degree of consciousness than another piece of matter? The answer reads: he cannot even know it because he must always proceed from the assumption that there are phenomena in the world for that he has no senses and that, secondly, they are so much different from what he has known before that he even cannot imagine them yet, yes, moreover, he even cannot imagine that there are such phenomena at all.

Contrary to Leibniz, I proceed from the assumption that matter possesses a higher stage of consciousness than man, because it seems to me that this point of view is based on a much more solid foundation, because in this case I do not make man the measurement of all things. Leibniz proceeds in this question from the precondition that the world is such as man perceives it – I deviate from this precondition and take into account man's limited ability to sense perception.

The Escapism Theory

In Modern Philosophy

We find parallels and confirmations for the way of thinking that we have passed before by a great modern Indian philosopher Sri Aurobindo, and even more, we will be able to establish that some views and outlooks Aurobindo's to a certain degree completely coincide with hypotheses.

Sri Aurobindo begins in his main work: "The Life Divine" to set out his views with criticism of the widely spread phenomenon of the world flight. Under the world flight is to be understood a process than can be compared with deviation from reality; the really existing world offers man too many difficulties while over-coming of his living conditions, so he evades this world and flees into a personal, individual imaginary world where he can organise the conditions of his life in such a way as he considers to be pleasant and right.

Es First of all, there are two completely different kinds of the world flight that are criticised by Sri Aurobindo, namely, for the one thing, the flight into technology and, for the other thing, the flight into the soul. The criticism of evasion into the facilities of technology is directed in the first line against the Americans, but here we should bear in mind all modern civilisations by those technology plays the dominant role. Naturally, one cannot deny all the positive achievements of technology or diminish its importance because they really play a very significant role in the further development of mankind, but the more or less blind reliance on technology, unwarranted trustfulness to technology that does not leave any place to man should be condemned. The second kind of world flight is predominantly met in the sphere of far eastern philosophy and re-ligion. Here we mean the flight into the spheres of the soul, the spheres in which the rules of the world are not valid any more. The immersion of spirit, the flight to the corners and nooks of the soul is, in Aurobindo's opinion, the cause of all the evil that, for instance, India has to suffer from nowadays. Objective reality with its technical and material demands is denied, and instead of it evasion into a torn-off reality spiritual fields takes place. He sharply denies this kind of the world flight that is practiced in various systems of the yoga, with the exception of the yoga that was developed by Aurobindo himself, because yoga leads to evasion from reality. To my mind, yoga leads predominantly into subconsciousness, but it does not contribute to spiritual evolution of man, because for that extended consciousness must be created by means of new ideas.

Besides it, there is surely one more way to deny objective reality that is also as widely spread, namely, self-overestimation of man who considers the incomplete and subjective picture of the world perceived through his five senses to be objective reality. Hereby there is a danger to never achieve cognition of the objectively available world because its existence has not yet ever been recognised.

But let's come back to Aurobindo: naturally, he does not strive at all to refuse from the values of the traditional Indian philosophy. On the contrary, he is seeking a connection of material achievements of western civilisations with spiritual achievements of the East. History is after Aurobindo a permanent process of involution-evolution that some time comes to the point at which it will turn back. This turning point has already been reached: the highest has transformed back into matter and now is again being born out of it. The divine has to some extent penetrated into atoms, the greatest and highest into the smallest, and now the reverse process starts. Certainly, by such theories our conventional ideas of length of definite processes fail to operate completely, so immeasurably long is the period of time that takes its course before this turning point. The outlook that man allegedly is the crown of creation seems to Aurobindo ridiculous in the light of comparison of the length of human history with the length of things. Here is one more argument in favour of necessity of making a correction to human self-understanding. The first argument lies in the fact that man, owing to his insufficient equipment with senses, can only perceive a tiny fragment of the objective world. He cannot be considered, at least at his present-day stage of development, as the crown of creation, because he is not able even to survey this creation to at least a half. Only spirit without a body that has neither limited sense perception, nor exists "within time", but within infinity, would be on the way to bear this title by right.

The idea of man as the crown of creation goes back to a considerable degree to the assumption that man be a God's image, the idea that had been forming for a long time our concept of God, and a look at the depiction of God in the history of art proves it. Aurobindo thinks that a new way of existence is approaching us, the form of existence that is characterised by a higher degree of consciousness.

He means that a new man will develop; this next stage of development will give birth to a living being that Aurobindo (as well as Nietzsche) calls "superman". This superman will be characterised in the first line by a deeper insight into the processes of evolution than all the previous forms of existence.

This insight into the higher interrelations of all existence is based finally on the assumption that the "superman" has cognised and accepted the true and real wisdom. The "superman" sees to a certain extent everything "like from a watch tower" and is able, owing to mobilisation of various abilities invested in him, to surpass everything earlier imaginable. After Aurobindo he is the result that will appear at the aforementioned turning point.

Well, here Aurobindo's and my outlooks divide because every repetition is alien to infinity. In my opinion, there will be no reversal processes, only new creation.

In the modern world the living beings have seven different ego-programs on different genetic net structures levels – ego genes, genetic programs, cells, ego- consciousness, their belonging to a certain genus, creativity enhancement and unity with the nature and the world.

The theory of chaos that was published in January 1983 in the magazine "Bild der Wissenschaft" and characterised as a scientific revolution proves this viewpoint. The next step of the idea is that this superman is strictly speaking only the preliminary stage of pure spirit without a body. In reality it is namely at this stage of development, that a purpose of human evolution, spirit without a body cannot be burdened any more by the irons that his body had put onto it. The body cannot be any more an obstacle for human spirit: neither the body as the prison of spirit, nor any other form of matter impose in this state any more borders; spirit really can entirely devote itself to infinity and can reach in this way the state of endlessly divine or to strive for it. The superman – a man with a body but with larger consciousness – will possess after Aurobindo less ego-ism, and here again there is conformity with my theory that man disposes of two "egos"; the first one is re-sponsible for the bodily and the second the mental further development of man. The bodily "ego" is aimed at supplying the "machine" named man and to protect it.

But as soon as man will have reached the stage of development at which this "machine" – his body, will not be needed any more, as soon as spirit will have acquired the ability to exist without the body, the bodily ego will become excessive. "Inspired man" – spirit without a body – has reached the state of existence without the bodily ego, the spiritual evolutionary drive, however, cares for further development of spiritual cognitive ability.

The ego has died out at this stage, the supply of the "machine man" is no longer necessary as this machine also does not exist any more.

But if supply is no longer necessary, then simultaneously this form of egoism is also

no longer needed, because egoism is nothing more than a definite manifestation of the instinct of self-preservation of the bodily man. On the way to the inspired state egoism automatically loses its force. It degrades the closer man approaches the stage of existence as pure spirit.

The reproach that development to an ego-less state would last much too long so that it would be at all justified even to think about it, repulses Aurobindo with such a reference that in the course of history of the Universe each new process had always been shorter than the preceding one, and that moreover in this century the state of affairs in the evolution has been foreseen in all its completeness and has become the subject of conscious thinking. The will of a large number of people is even directed already at acceleration of the process of evolution.

This idea deserves a detailed consideration: if evolution is something that, at least partially, is subordinated to our will, it results into an obligation for each person to do his utmost in order to achieve this purpose. Hereto belongs permanent extension of spiritual abilities, thinking gymnastics in all its aspects, intensive usage of available spiritual capacities. Stimuli for spirit (see "the model of a sandbox") must be sought consciously, they cannot be left out or avoided. Aurobindo continues quite in this sense when he says that we have already been much stronger involved into the process of evolution than all the life before us. We are able for the first time in the history of all life to cognise the sense of evolution and to work in the direction of its implementation.

Thereby we are able to influence the process of evolution, even to control it to a certain extent, and in any case to accelerate it. The more purposeful will this process pass, the sooner will be its goal reached. As we have cognised the goal, our first and foremost task is to do all the necessary, all that is in our power in order to achieve it. But it means that this goal is not any more far in the distance, but that it can be possibly achieved in the foreseeable future.

Today we have already reached the stage at that we already live to a considerable extent in and with spirit, much more than in our body. Our spirit is much more important in our life and for our further development than our body – the significance and the value of the spiritual (sciences, religion, arts) prove it. Our spirit masters new and new spheres and finally creates higher organised consciousness.

Until now I have tried to show on what philosophic foundation I have created my building of thinking. However, this sphere takes only a part of the field of interest that is important for my theories. Another sphere, that is at least as important, is that of natural sciences, to be more exact, the border area between classical "natural" science

and philosophy.

There are numerous statements by outstanding physicists, like for example Albert Einstein, on problems of philosophy, because there is really a relation, interdependency, a connection much more than a clear dividing line between the both. In its attempt to research the phenomena of the world physics advances into the spheres, in those it can only express and explain hypothetic assumptions, because by the rules of probability, certain phenomena could have this and this cause, but it can judge far not about everything with complete confidence. But here is the area of smooth transition between speculative natural science, in which experimental examination of the advanced hypothesis is impossible, and philosophic way of consideration and thinking. As an example I would like to give a regularity of logical thinking: with the help of logic a physicist, who is engaged in a problem that he cannot clear up by means of an experiment, but only through a theoretical reasoning, achieves the results that should be considered right if the logical change of thoughts is correct.

Exactly the same is in philosophy, in the science the subject of which is thinking, and logical thinking is a part of it. Logic is inherent in philosophy from the very beginning, it was a special section of this science, although modern natural sciences are also unimaginable without it.

The common between logic and philosophy is that they contribute to our cognition of the structure of the "objective" world, the world that exists independently of our senses. Through logical conclusions as well as through intensive and exact reflection – Martin Heidegger speaks about "The Handycraft of Thinking" and arouses in us through this rather unusual expression an exact picture of what is called "thinking" – we advance to the cognitions to what we could not have advanced in any other way.

The spheres of natural sciences that have to deal with experiments, probations and tests and reach on this way secured cognitions, can only achieve cognitions about the "subjective world", the world that can be perceived, controlled, measured, weighed, counted, the world that our organs of sense perception create for us.

Einstein and the others who were engaged in theoretical physics during their research work stood strictly speaking much closer to philosophy than one could believe, and that is why it does not seem any more so surprising, when I would be busy on the following pages with several aspects of the Einstein's and Heisenberg's teachings, because here, along with philosophy, lie other roots of my works.

The Theories of Matter,
Space and Time must be considered new

Albert Einstein and Werner Heisenberg

Die The general relativity theory deals with gravitation while the special – with high velocities through which Einstein attached an invaluable important new impulse to modern natural science. The relativity theories are an illustrative example of interaction between philosophy and physics; with his relativity theories Einstein reached the border, on the other side of which experimental physics, with its checkable proof results, should find its continuation in the theoretical treatment with logical conclusions. Einstein has referred to the fact, that what we understand by space and time, is valid only for our limited earthly sensual world, that by high speed these notions have quite different meanings. Our Earth is for us a firm reference point when we speak about space. It is measurable, and it is so well "marked out" by the cardinal points and the poles, by degrees of latitude and longitude that each person can easily orientate himself everywhere and define his position. Besides it, due to the fact that we are situated on the Earth or at a very small distance from its surface, as for example in flight, we can establish the facts of motion and measure exactly its direction and velocity.

By all the measurements the Earth is considered to be a stationary point as compared with a body that is moving. The sentence: "A motor car is travelling at 200 kilometres an hour" does not mean anything else but that this motor car covers 200 kilometres within the measure of time "1 hour" which is accepted on our Earth. The motor car is moving, the Earth in comparison with the motor car is immovable.

The Universe after Einstein should not be considered as a central point proceeding from which we could subdivide all the outer space into squares, so that we could determine our position. The Earth moves across the Universe together with the whole solar system, the whole Milky Way, other galaxies. How could be determined, means Einstein, which of the stars rests and which moves? Motion, to repeat it once more, can only be fixed and measured when I have a stationary point which a body is moving to, which the body is moving from or which the body is passing by.

Motion can be explained most exactly as the process of changing position. To be able to define the motion, the position of a body must be exactly fixed before the motion and after the motion, that became possible, to the contrary of Einstein's opinion, in the free outer space through 3K-radio energy since 1965. This power fills the empty space, and so uniform velocity (as a shift can always be measured) can be measured relative to the whole Universe and or to 3K radio energy. But is this Universe an ordinary closed universe, or is the Universe opened and endless, is it an endless space? The

basic value "space", that is so much important for our life, is only valid for the perception that is processed in our specific human way, in infinity this notion has a different meaning.

With the second basic value through which we organise our life and bring it in a debugged order as we understand it, with time, it is not different, because it is also adapted to the conditions of our solar system with the recurring positions of the Earth and its Moon towards the Sun. It is worth mentioning that these frequent references to the shortcomings of the system of our perception and the method of our orientation in the world should not be understood as some destructive criticism or mere complaints of our human narrow-mindedness; I only want to depict thereby most exactly our situation, that is subject to certain limitations, in order to counteract to widely spread self-overestimation of man. Instead of becoming completely aware of his situation, in order to do his best basing on it, man usually prefers the self-deception of regarding himself as the crown of creation and the measure of all things, in order to rest on most doubtful laurels, and instead of doing his best to do only the most necessary things. But striving for the far and new instead of being contented with the near is in the spirit of the theory of evolution and it is just required by it.

What constitutes our human reality does not meet the requirements of the absolute reality – to recognise this fact is the first step on the way to make it fertile.

To advance to the spheres in those our conventional ideas of space and time will not be able to help us any more, we need not travel to space in a spaceship, we have this sphere everywhere here on the Earth. What so paradoxically sounds turns out to be quite simple: natural science has already advanced during the research of the basic structural elements of matter to the dimensions that no man can "imagine" any more, if we want to understand under 'imagine' that we want to create a picture of a thing that is true to reality.

Already discovery of the atom and the cognitions, that have been obtained about its structure and properties, can strike dumb a layman, because the scales reached here can really only be expressed in figures. Or who will dare to say that he can imagine the size of the atom that makes between 10⁻¹³ and 10⁻¹⁴ of a centimetre. When we speak about the distances between two atoms, it has nothing to deal with our notion "distance" as a conceivable span, as a space between to bodies, but here we approach a sphere that is not met in our conventional reality.

It has been proved that a nucleus of an atom is formed of so-called nucleons, the

structural elements of matter. These nucleons revolve round their axis with a velocity of 1022 revolutions per second. Here again our imaginative power fails, because such a velocity will hardly be reached even approximately by a body in a foreseeable range of values – and how were it possible when this tempo corresponds to 100,000 kilometres per second, a third of the velocity of light.

By the both examples we see that not only in the macrocosm, but also in the microcosm, the structure of the smallest particles of matter, our conventional notions of time and space lose their meaning. We, people, stand somewhere between this much too big for our imaginative power and at the same time unimaginably small space, both of which can be expressed only in figures, but those still remain closed for human experience.

But scientists reflect not only on the nucleus of the atom, they have also already given the name to much smaller constituent parts, the structural elements of the nucleus of the atom, the nucleons consist of: these particles are called "quarks". The quarks are considered nowadays as the smallest structural elements of matter.

instein has reminded in his time that there is no natural resting point in the infinity of the Universe that could serve as a reference point for our system of space and time. As we, people, grow in our space-and-time system and consider this system to be really available, we take ourselves for this resting point on what everything here is oriented. Consequently, everything that we learn and perceive from our viewpoint, can only be valid in respect of us, but cannot have any pretensions of objective validity. Of course we cannot be aware of it, but we act in good faith that what we do is true. Our existence is unthinkable without notions of space and time. Space and time are our spiritual helpmates in orientation that should make something unconceivable conceivable to us. Today we have the idea of both the notions, but they have developed very slowly and gradually in the course of the evolution history. Man said once that he was the resting point in the moving Universe, that, if we take into account and systematically observe the natural phenomena, he had to deal with, namely, in the first line constellations, is not at all so ridiculous. For the man, who can rely only on his eyes as his aide, everything moves round the Earth.

Proceeding from this observation he managed to create in the course of time a system of spatial orientation because with the help of constellations one could define directions that are a precondition for orientation in space. With the help of celestial coordinates we can for example unambiguously determine each point and describe it in such a way that another person can find it.

But experience also taught the man that a certain period of time is required for overcoming of a distance between two points, that certain spatial distances correspond to certain periods of time. A rough aide for division of time presented the continuous rhythmical motion of constellations, particularly of the Sun, and so it became possible to effect a determination, that would tell him how much time he would need for a certain stretch, whereby he would then be able to determine his momentarily location. This system of time and space was more and more perfected in the course of time, but on the other hand it got more and more separated, so that nowadays we consider it to be given as a natural phenomenon. But it is only for us, not for a creature who was grown outside this Earth and observes us from there. Our human thinking, our mind is based on the fact that we have created the space-and-time system that does not objectively exist. We, people, have introduced this system as it is, and if we dare to penetrate into the spheres that are completely deprived of sensible experience, we must take into account that other regularities are valid there, than the ones we know and with the help of which we orientate on the Earth.

All our physical cognitions that are expressed in the form of formulas and laws are based on the notions of space and time and one more aide of our spirit, the notion of mass, the weight that is inherent in matter. But matter also does not exist in the form that we imagine. It is not a solid, resting in itself substance, but consists as it had already been described before of tiny elements, the atoms. These atoms are in their turn composed of various elementary particles and consist to the most part of nothing. Electrons revolve round the nucleus of an atom at comparatively vast distances like the Moon round the Earth. But the motion of electrons round nucleus of the atom takes place with a much larger distance and with incomparably higher velocity than the motion of the Moon. The electrons form through their terrifically fast circular motion an impenetrable cover around the nucleus of the atom, and so they determine the size of the atom, the absolutely biggest constituent part of which makes the distance between the shell formed by the electrons and the nucleus. The nucleus of the atom, that is as big as a pea, would have an electrons' cover of over one hundred kilometres around itself.

If all the atoms, of which, for example, a tower building consists, could be compressed, so hundreds of such high blocks could be placed into only one thimble.

But not only electrons revolve round the nucleus of the atom, the constituent parts of the nucleus of the atom also move; they rotate with the already mentioned unimagi-

nable velocity of 100,000 kilometres per second around their axis. So, after all, matter consists not of solid substance as one normally imagines and what is obviously expected, but of uninterruptedly moving tiny particles at gigantic in comparison with their mass distances. Our idea of what matter is, is also as deliberate and artificial as our notions of space and time, but we still try again and again to understand the world with the help of these "hand tools".

The elements of matter consist strictly speaking of ever and infinitely moving something that is named as energy. An atom can continue to exist only through this energy of motion that keeps the electrons and the nucleons of the atom in constant motion. If the electrons would stop, so the shell around the nucleus that is formed and maintained through their circular orbits would also fall in and vanish. If all the electrons contained in the materials of which a pyramid is built stopped simultaneously, this pyramid would fall in itself and would have enough room inside a match-head. Only its weight would not change.

The link between energy and mass is expressed in one of the most known physical formulas: $E = mc^2$ (E = energy, m = mass, c = velocity of light). Albert Einstein who derived this formula expressed thereby mathematically the transformation of energy into mass and of mass into energy. Through simple substitution of values in this equation one can calculate how much energy I must spend in order to produce a certain mass, and how much mass I must "disintegrate" in order to obtain a certain quantity of energy. If I insert in the equation 1 gram for m , the energy consumption will make up about 25 million kilowatt-hours. Vice versa, 25 million kilowatt-hours of energy are required to produce 1 gram of mass (an example from the book by H.W.Woltersdorf). Velocity of light that appears in this formula is of enormous importance for physics. But I would like to dwell on it in a more detailed way not only because of the significant role that light velocity plays in physical research, but light velocity is also very important for the description of my own understanding of human being, that is based on the natural-science research of the passed decades.

The velocity of light, that makes about 300,000 kilometres per second, was not proved by Einstein, but it was already known before him and was already used in physical regularities. For example, it was known that velocity of light is the maximum speed that cannot be exceeded. None of bodies can be faster than light, not even with the help of technological achievements that cannot yet be realised today. For example, a spaceship that some time in the distant future would be able to fly at half of velocity of light and from that light is emitted, would not be able to influence it in such a way

that this emitted light together with the velocity of the spaceship could pass 450,000 kilometres per second. More than velocity of light cannot be reached; here lies after Einstein the absolute border for matter and energy.

Why it is so, can only be derived in one's mind, a personal check-up as a traveller is at the time impossible.

Light velocity is not a border before which one can still slow down in proper time, but already during the time when one accelerates to velocity of light, space changes as well as time and mass. We, people, have already defined speed, that means that we have established a generally accepted rule in conformity with which velocities can be measured and calculated: velocity is defined as a passed distance divided by the time that is required for its passing. The unit of measurement in which velocity is measured obviously contains both of these elements: kilometre per hour, km/h. If I pass a distance of 50 kilometres within an hour and advance always with the same constant velocity of 50 kilometres per 1 hour, so my speed makes up 50 km/h, namely 50 divided by 1. If I manage this distance in 0.5 of an hour, that means that I was constantly driving at 50 divided by 0.5, i.e. 100 kilometres in an hour. If I require 2 hours for the 50 kilometres, so my speed was 50 divided by 2, i.e. 25 km/h. In the same way one can purely theoretically determine what distance I would pass in flight if I would fly one hour with velocity of light, and, of course, also what distance I would pass by two-, three-, ten- or any time -fold velocity of light in a definite period of time. But I had already said that space and time are the notions that man had created for himself.

But how does the space with the help of which man orientates in his environment behave when it is subject to conditions of light velocity. And what happens to time? Are our conventional ideas of space and time still valid in this sphere?

Einstein grounded by his relativity theory that the assertion that space and time shrink by light velocity. That is a rather incredible theses, it cannot be brought in correspondence with our present-day experience. Although we sometimes have a feeling that time passes endlessly slowly and minutes seem us like hours, or that time runs away from us, we can, however, but we can every time make sure that the clocks on no account ran faster or slower and that it was our feeling that deceived us. There were also serious experiments with the help of which the researchers wanted to clear up whether velocity influences time, whether time can really pass faster or slower. For this purpose several high-accuracy atomic quartz-crystal clocks were transported in very fast aircraft and after the landing compared then on earth with the controlling

clock. Actually a time difference was stated between the moved clocks and those that were left at home (on earth); the clocks that were transported by the aircraft ran several milliardth (billionth) fractions slower. Thereby it was proved that velocity influences time. (Description of the experiment after Woltersdorf).

This experiment was content with a velocity that completely lies within the range of normal for our earthly conditions, with the cruising speed of a fast aircraft. Let us suggest that the aircraft flew with a velocity of 1,000 km/h, the velocity converted into seconds makes about 270 metres per second. When compared with velocity of light, 300,000 kilometres per second, the velocity of the aircraft is nearly equals zero. Light velocity is the maximum velocity that cannot be exceeded – that is what we have said before. When the clocks in the aircraft are transported with a velocity of 270 metres a second then remains to the theoretical achievement of the border a rest of 299,999 kilometres 730 metres a second because before achievement of the maximum velocity velocities are added. When for example two motor cars drive at a speed of 50 km/h towards each other, so they have regarding each other the velocity of 100 km/h; but when two spaceships fly towards each other with a velocity of 200,000 kilometres a second, so they don't have relative velocity of 400,000 kilometres a second regarding each other, they cannot exceed light velocity, so it remains in any case under 300,000 km/sec.

The proper motion of the transported clocks takes only a tiny part of the total available velocity so that for the motion that takes place inside matter, in the atoms, remains as much that it is only slightly reduced so that not to reach the maximum velocity. Motion is a basic precondition for time, time on the whole can be measured only during the motion. Where nothing moves, I have no breakpoint and no measure for passing of time. When motion is slower – no matter for what reason – time also passes slower. When motion inside atoms decreases as the proper velocity of the for example transported in the aircraft clocks requires a part of the totally available 300,000 kilometres per second, so time also passes inevitably slower for these atoms and for matter consisting of those atoms than for those, to stay by the terms of our example, not transported clocks the total stock of velocity of which can be available for atomic motion.

But it means nothing but that each movement, no matter how slow it can be, means change of time for the particular moving body. The velocities that are usual on the Earth are, however, as compared with theoretically possible velocities so small that here change of time is of no importance at all and can be determined only with the help of most complicated methods and highest-accuracy devices.

We can derive a sufficient number of examples by those the proper velocity of the body has a very big influence on passing of time. Let us imagine the following seemingly unrealistic but still theoretically thinkable situation: an astronaut is moving across the Universe in a spaceship flying with almost velocity of light. In a year he lands again on the Earth where he can state that that there meanwhile many dozen years have passed; but he grew older by exactly one year.

The explanation here is very much like those from the example with the clocks. Here we also dispose of the same "pie with velocity" of 300,000 kilometres per second. However, here the astronaut consumes the absolutely biggest part of the pie for his proper motion that almost equals light velocity. Consequently, when this proper motion requires already the biggest part of the maximally possible velocity, so for atomic movement in matter, that means also in the body of the astronaut remains only the rest. The motion inside the atoms passes accordingly slower, time within the whole system that rushes with approximately light velocity across the universe runs slower.

The more this astronaut approaches light velocity the bigger is his proper velocity and the less velocity remains for the motion that takes place inside the atoms. But when this residual motion becomes smaller and smaller, time also passes to the same extent smaller. That also implies a question what would happen if that astronaut moved with light velocity. In this case all the possible motion would be used for the proper motion of the spaceship with its contents, so that nothing else would be left for internal atomic motion. Everything would stop, no more motion would be possible. Since as I already stated before time is directly dependent on motion, in a case like this time would stop. At the moment when the astronaut reaches light velocity, he is also already there.

Here I would like to return once more; I find it necessary for better understanding of general interrelation to make a small digression to a law of physics:

Velocity changes not only time but also the mass of a body. Here to a small example: when a motor car at 5 km/h drives across a wall, nothing happens either to the car or to the wall – let us assume that the driver has been fastened. When this motor car drives at 20 km/h across the wall, possible gets the bumper several scratches and plaster will possibly crumble down the wall. At 50 km/h the car looks already rather severely crumpled, by 70 km/h it will be reduced by a half of his original length. Here we

always mean motor cars of the same type with the same equipment and in identical state.

The different effect that causes the collision with the wall is ascribed to different velocity. If we install scales instead of the wall in our example we will be able to state by each higher velocity higher weight. Let us recollect: each body has a mass. The mass is identical with force and weight that this body sets off to the change of the direction of motion. The higher is the velocity of the body, the more force is required to change the direction of motion. The collision with the firm wall should also be understood as a change of the direction of motion, because here the movement stops, i.e. is not continued in its previous direction. An opposite case is setting in motion of a resting body by which a not available direction of motion of a resting body will be at any rate "changed" by means of moving it. By increasing velocity the scales will show higher weight of the motor car. The weight that exceeds the weight of the car measured in the quiescent state is achieved by the motion and by the pressure produced during the collision.

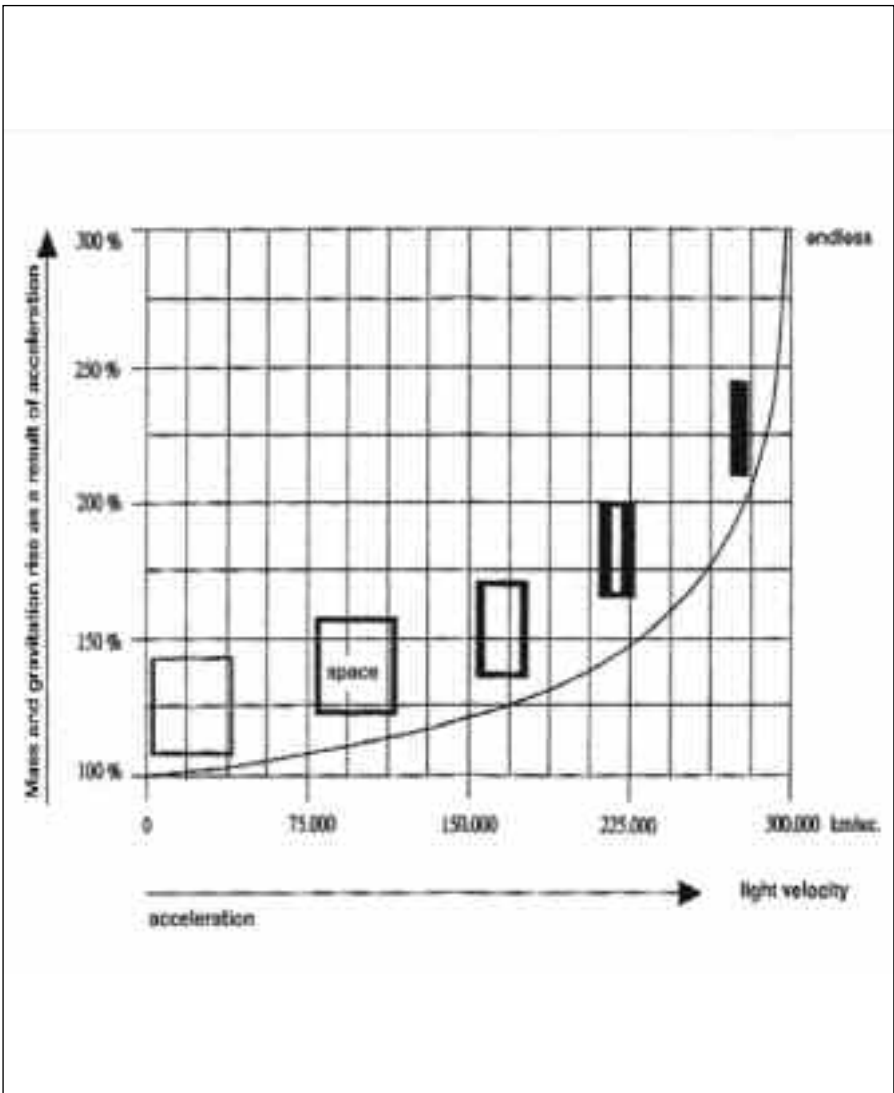
Already at the end of the previous century physicist Lorentz has mathematically proved that at high velocities this motion is transformed into mass, that mass originates out of this motion and from out of it resulting pressure. What is hidden behind this mathematical formula that Lorenz derived for this state of affairs, can be vividly seen on the diagram *"space – time – mass after Lorentz transform"*.

We can see on this drawing what happens to a body that is accelerated to light velocity. The closer it approaches light velocity the stronger grows its mass in the direction endless, the shrinks its space in the direction endlessly small and the more slows down its time towards endlessly slow. The table shows that at approximately 75,000 kilometres a second the body begins to noticeably gain mass. Let us recollect once more for a very short period of time the Einstein's formula $E = mc^2$ by what by transformation of energy into mass is calculated and that we saw by one of the examples how much energy is necessary to produce 1 gram of mass, so this interrelation will become somewhat clearer for us. If a body is to be accelerated, must energy be must be supplied.

Each of us has experienced it countless number of times be it while driving a motor car where an indirect energy supply becomes every time evident at the time of filling or be it while riding a bicycle where quite a different form of energy is consumed. The higher is the velocity that should be reached by this particular car the more energy must be supplied – here there is also nothing new. If I am leaving the range of velo-

cities common on the Earth and accelerate right up to light velocity, so "already" at 75,000 kilometres a second my demand for energy is so high that the energy that is supplied can now be applied not only for acceleration but it begins to get transformed into atomic mass. But that means that my motor car since additional mass appears becomes heavier – and again needs more energy for further acceleration. But this energy also transforms to some part into mass, the demand for energy increases further what involves "production" of even more mass and thereby the necessity of even higher energy supply that again transforms into mass. Each even very small approach to light velocity entails automatically weighting of my spaceship until it in immediate proximity light velocity is already so heavy that that further acceleration is not possible any more because mass would then become infinitely heavy. Although infinity can be an engineered value but it cannot be used in precise arithmetic operations that have to deal with absolute numerical values. Where the opportunities of physics and mathematics cannot give any more concrete judgements, they touch upon the field of philosophy; the question about infinity is such a boundary point.

Space – time – mass after Lorentz transform



By acceleration of a body right up to light velocity his mass and respectively gravitation grows towards end-less, the space of the body shrinks towards endlessly small (in the direction of motion, the time of the body slows down to endlessly slow.

growing mass = growing gravitation

We have seen somewhat more concretely what the statement means that light velocity is the maximum velocity that cannot be exceeded. It will become even more vivid when we clearly demonstrate what will happen to the third of our basic physical quantities, with space when a body reaches light velocity.

Let us look once more at the table that vividly explains a physical law that has become known to us the "Lorentz transform. There we can see that space by approach to light velocity shrinks up to endlessly small. A spaceship that flies at nearly light velocity across the Universe and has according to assembly drawing the length of exactly 30 meters would have during this super fast flight the length of only about 3 metres when measured from the Earth. The inmates of this spaceship for whom it would preserve its length of thirty metres, on the contrary, vice versa would measure a 100-metre-long bridge on the Earth passing by in flight by only about 10 metres.

Velocity increasing, spatial extension of a body changes accordingly – certainly, in accordance with the relativity theory depending on the location of the observer. Measuring instruments both in the spaceship and on the Earth supply us with hundred-percent exact results so that the differentiating measuring data can only be explained through different locations of the people who carry out measurements. In the first case this the Earth with all physical regularities that are valid on it, in the second case this is the rushing across the Universe spaceship that is free from these earthly physical law, that is two completely different reference systems for measurements.

It is necessary for better understanding to proceed to the thread of thoughts of the other great physicist.

Werner Heisenberg

In the judgements by Werner Heisenberg that have remained us from him and that cover a wide spectrum of problems, I have found inestimably valuable confirmation of my own ideas and theories as well as stimuli to answer the questions that arose in the course of my previous activities.

How closely related are not only philosophy and natural science but also art and natural science becomes more than obvious in the books by Heisenberg.

But not only the cognitions that Heisenberg arrived at are worthy of special attention but also his fundamental approach by the search of a definite phenomenon or a state of affairs that has not been cleared up with the greatest possible accuracy. It is him who says that each fundamental scientific work must turn back to the beginnings and involve the previously known course of thoughts. Only if it is impossible any more to be based on already known rules and regularities and to achieve new results because all the previously known is not sufficient for the explanation, only then it is required "to leave the foundation on which the previous science is based" and, he continues, one should make "to a certain extent a leap in the dark".

Only in this way one can achieve a really new cognition, a previously unknown understanding because bare basing on the already available without getting at the roots of this available and to reach the utmost clarity about the first steps that had lead to the known results, cannot give rise to anything new. A really fundamental and comprehensive research of the achievements of other researchers in the course of time can show us how far this already known corresponds to our results and in respect of what phenomenon there is nothing else to do but to give up this foundation. But this is the way that the whole evolution takes: it develops from the very beginning the already available and permanently strives for something new; repetition is alien to the essence of the revolutionary process. For this reason I do not believe as it has been repeatedly assumed that the Universe blows up, blows off and the blows up again. I mean the the Universe expands further.

And this is the way that brought me to my cognitions and hypotheses. Namely the advancement of the hypotheses is an evident example for the "leap into the dark" in the spirit of Heisenberg, because each hypothesis is based on the already known and yet unknown that are not always based on the reliable foundation of the previous cognition. Not least the Einstein's relativity theory that had disclosed for physics

absolutely new dimensions and that so greatly surpasses the existing before its invention obligatory traditional physics, as the world outlook Galilei's surpasses that of Copernicus, is built in its roots on the hypothesis that had its roots in classical physics, but that lead at the time of cognition of its shortcomings during the clarification of the basic issues to something fundamentally new.

Of course, it is not easy to get rid of the ideas that had determined our conventional picture of the world for decades and even centuries and had made the foundation for our thinking. The new has always first to fight against the old settled doctrines in their field before it manages to break its way through. But namely this fight against the ideas and persuasions the validity of which cannot be accepted any more because they contradict to new cognitions and, must be accepted and held out. In this battle the new has the first opportunity to show itself and to justify its claims, and the old will try to do its best to protect its positions. But due to the fact that both the sides will do everything in their power, there is the highest possible guarantee that not really the best will break its way through and that the current foundations of thinking and action will be only then encroached when it is really inevitable. But Albert Einstein's relativity theory and Werner Heisenberg's theory of quantum mechanics were during their development both subject to harsh attacks on the part of the traditional physics and had to prove their worth in the polemics with these attacks. The novelty that these theories implied was so enormous and so radical that they could not be accepted at once, at a stretch. Only in the course of time could the critics of these theories get persuaded of their accuracy and validity – today they are public domain and foundation of physical research.

By the example of these both physicists – they represent here a large number of other scientists, philosophers and artists who have deepened, changed or completed the already existing through introduction of something new – it becomes quite obvious that when we are persuaded of accuracy and importance of something, when we have no doubt that we are on the right track, then there is also an obligation that we have to stand for this something and to protect it against all the resistance. The right thing will break through its way and change the previously valid if it is necessary. Both in philosophy and art it is high time to seek new ways and to continue the evolution of spirit. Our goal is not to offer a further variation of had already been thought and already expressed, but to give reference aimed at the new, not yet thought. To bring it to the common denominator, we must seek creativity, innovation and the questions that would lead us further, then the Variations will appear by themselves. Only so can we solve the problems that arise before us and develop further.

The Subjective Episteme of Man

In my book "The Fourth Dimension" I pursued the end to describe the information background for my objects in order to give the reader who is badly or not at all familiarised with this matter the first uncomplicated access. I wanted to show as well that my ideas, no matter how unusual and strange they could seem at first sight, were not at all born in "empty space" but that tradition of the West-European philosophy has already reached in certain question the conclusions on which I could be based and which I could develop further. I only searched at the spots the opportunities for advancement at the spots that previously marked the borders of cognition.

Of fundamental importance is the phenomenon of infinity. Alone the bare thought of the shortcomings of the human body, scantiness of the organs of sense perception and connected with it incomplete, subjective picture of the world that we, people, dispose of, that we do not do not at all cognise to be incomplete will revive the desire to overcome this shortcoming. When the body with all its organs at least secures survival – when the preconditions do not change – but only survival and not a little bit more, when it turns out to be the irons for spirit that disposes of much bigger and diverse capacities than it has previously been able to make us of; then spirit must develop alternatives how it can change this dissatisfying situation. This is a simple and clear conclusion that should be quite obvious by itself. But it is not always as simple as it is heard.

Imaginative power is dependent on what and how we can perceive. There is something that we can hardly imagine, that we have already earlier repeatedly perceived in a similar form, the word "similar" is to be understood here in a very broad sense of the word. Naturally, creative achievements are always processes during which something new is produced, but, however, nearly always only id dependency on our organs of sense perception and the imaginative power that arises in us under its influence. For example, we can imagine how a motor car would look like in five years because we have seen in our life several hundred of various models, have driven them ourselves, used them etc. besides it, we know to what extent the motor cars have changed during the last fifty years. Consequently we can basing on all our experience that we have previously summed up with motor cars imagine, make a picture what motor cars would be like in the future. Naturally, the picture that we make us here would represent only one of many possibilities in what direction the development might go – needless to say that exact prediction is not possible.

But we also have already collected experiences with quite different things, for instance, with X-rays. Surely you have already been X-rayed and you know what a roentgenogram looks like. But we can hardly imagine – in the most literal meaning of the word – what the X-rays can look like because we have never seen them, only their consequences, the results of the existence, namely, the roentgenogram. They are completely inaccessible to our perception (like radio waves, TV-waves etc.).

Another vivid example is atoms the structure of which on countless drawings and diagrams in text-books are depicted again and again but that nobody has yet seen in reality with his own eyes. An idea of what an atom looks like, a picture of what an atom looks like in reality can be only designed with difficulty because we are short necessary data and information that our organs of sense perception could have supplied us with. Our organs of sense perception dispose of too few or not at all any data of sense perception proceeding from which a reliable picture could be created in our mind.

Eternity – A White Spot in our Consciousness

We can proceed from the assumption as we have already seen that by approach to light velocity time passes slower and slower and at last when the whole available velocity is "eaten up" by the proper motion, time stops.

Space also becomes smaller and smaller by approach to the maximum velocity until it at least becomes endlessly small.

Here we advance into the sphere where the notions "space" and "time" have no more validity. For the person, who moves at light velocity, time stops. He is everywhere at the same time because time does not run for him.

Infinity is for human mind not yet clearly conceivable. We have not yet built threads of thoughts for infinity and we can only describe infinity. Natural sciences that have set themselves a task to come to the ground of things, to research the reasons, to investigate the natural phenomena and to explain them, have also reached the point where the means and methods that are at their disposal are by no means any more sufficient to achieve checkable results. Naturalists, however, quite in the sense of the evolution theory must set themselves a task in respect of that what they do not know yet and what seems impossible to them so that they could formulate the goals and could work in the direction of achievement of these goals. One of these goals must inevitably become infinity that is to be first explained philosophically and understood, investigated and place it in the service of man, so that this blank point in man's consciousness also vanishes. The precondition is that new notions should be derived or even a new language should be invented because the present-day notions are not any more sufficient to rapidly move on this way.

Eternity as a Watch Tower

By giving the grounds for my investigation infinity I tried to use infinity as a watch-tower, an opportunity that simply suggests itself. Here I would like to remind in a few words of the preceding part in that it was described what fundamental changes influences achievement of light velocity: mass, time and space become endless. For a traveller space becomes endlessly small, time stops, the traveller is everywhere at the same time as he does not need any time to get to another place.

Let us try to imagine this state, to be carried to this infinity and to observe the world from there like from a higher watchtower.

When we are everywhere that means that we are not bound to our bodily cover and that our spirit has an opportunity to get liberated from the irons it was put into.

We can try to get settled into a stone, into water, into a bridge, into a mirror and try to see with the eyes of these objects or join to the consciousness of these objects. In the pictures and sculptures I try to make this state vivid. Through concentration on being in infinity we give accordingly our spirit an opportunity to display itself in the way that otherwise remains closed for it.

Endless being that in comparison with our usual being should be considered as in any case longer and thereby strictly speaking as a "normal state" gives us a viewpoint that lies normally outside our conventional being and from which we can perceive all this conventional being in all its aspects.

And not only this. The "things" we have to deal with in our everyday life are also accessible and give us the chance to get settled into them and to see the world from their watchtower.

We are always and simultaneously everywhere – this thrilling view has changed all my life; because when I as a self-conscious creature am settled in this table, this wall-stone, this butterfly, or this plant that stands on my window-sill, I cannot treat all these objects, animals and plants in my environment not any more inattentively or even cruelly. If I kill a fly in my room I make myself suffer and quite the same if I trample down flowers on a meadow. All that I do returns to me; I am not only the doer but also the recipient of all my actions even of those that seem absolutely unimportant.

Meanwhile it is not a secret any more, and it was proved in the course of numerous experiments that indoor plants react also on emotional influence of their environment. It is nothing else than an understandable reaction when we display negative attitude towards plants and these plants also answer with a negative development. It is we who determine the blossom or fainting of the plants, because we not only treat them with a bigger or smaller degree of care, but we also imply the plants what feelings we display in respect of them.

In the pictures I try to show how matter a part of which I also am perceives its environment. Of course, I clearly realise that my pictures only show the possibility how it could be.

A big difficulty that I was confronted with while painting should be mentioned at this spot: it was sometimes not only very difficult but simply impossible to reproduce in a picture what was perceived by consciousness of matter because expressive ability for it is far from sufficient. There is not only a problem to be solved how I can vividly imagine that what is not inherent in our perceptive and imaginative ability but one more equally as big problem how then all can be transferred into a picture, a drawing or a or a sculpture with the help of pictorial forms that are also usual for only definite, namely, previously usual pictorial contents. However, later I would like to dwell once more on the problems that are connected with transference of my outlook into pictures and sculptural objects – at the moment it is enough to say that enormous difficulties arise at this spot. It is important to linger on a little bit longer on the notion infinity and its importance. Earlier, I already referred to the point that the endless is to be considered as a normal state, proceeding from which each form of finiteness, i.e., for example, also our timely limited existence is to be understood as a state of emergency. The criterion that is to be followed is here not our life that usually lasts about 75 years, but infinity that that determines the frames and runs through all our being, that is the absolute and objective by what everything is measured and from which one should proceed. Infinity, however, is also very important for us by another reason: Our being in infinity, in endless time and endless space that is equivalent to always and everywhere, grants us ability to emotional receptivity.

We get access to endless and diverse spheres of spheres of emotional experience, can endlessly accumulate various experiences and gain insights and cognitions, we can explore spheres of emotional experience of all so-called "dead and alive matters" in all states and each evolution stage at any time, and we are or develop in the direction of what in other timed or philosophic systems was called "absolute being", "divine state" etc.

The level of consciousness in infinity is many times higher than that of man who is held in his bodily irons and whose spirit has not yet liberated from these irons. Liberation from these irons opens the man new spheres of experience.



Picture title: Feelings; 1979 Oil on Canva

Museum Liedtke, Port d'Andratx Mallorca

Information paves its way with the impressions that the brain gets and starts to build with its spirit connections, restrictions and its quanta-, space-, timeless soul.

Joining Endlessness

There are various attempts and mental opportunities to get access to infinity:

Light velocity

Natural sciences offer us a theoretical, a mathematical way, thereby they show us through mathematical and physical calculation that consequences brings with it achievement of world velocity, how our conventional ideas of space and time cannot be kept there any more and give the way to the infinity of time and space.

Evolution

The way of evolution is the one that is predetermined by evolutionary development and that will bring some time to the form of existence in which the spirit of a man will be able to exist without the body, and that means without the ballast that hinders him while realisation and complete revelation of the opportunities vested in him.

Training in acceleration of evolution

A way to achieve this goal is the logic of reflection and concentration on mental processes. This concentrated thinking leads the mind to an anticipation of what infinity could be like. A joining at the present-day stage of the evolutionary development of spirit is impracticable. A closer and closer ap-proach of human spirit to infinity is influenced by the point that mind is more often and more intensively brought to the borders of its abilities.

Religion

Another way leads through religions through the religions that announce eternal, and that means endless life in most various ways. The precondition for it is life in the way that is prescribed by the norms of this or that particular religion, and hereto belongs a life that is lead in the sense of evolutionary idea, the further development of the positive opportunities of human existence. A negative attitude towards life cannot be a starting-point for a life in infinity. Only those who have a positive, namely, positive without any limits, attitude towards their earthly bodily existence and who demands from himself permanent further development is on the whole able to reach perpetual existence, an eternal life as a spirit without a body and to attach it a positive shape. Trying to move with our spirit to infinity we can without any expenses and, above all,

at any time to take a new point of view towards an experience, can reach a level of consciousness that otherwise remains closed for us. The involvement into finiteness can never give us a review over this finiteness, but separation from constraint in finiteness and entry into infinity places us on a higher stage whom the height of which we can comprehensively observe finiteness.

The rough the entry into infinity we can simultaneously get always and everywhere to all existent and non-existent. Infinity penetrates finiteness, it exists at any place any time. Infinity cannot be limited by finiteness, otherwise infinity were not endless. The microcosm, the structure of matter, is involved in infinity (let us think about endless motion of electrons in an atom) in the degree as the macrocosm, the structure of the Universe (for example, endless expansion of the Universe. Infinity is present in each atom from that our body is built as well as in each atom of all matter. It is possible with the help of spirit to join to this infinity, to penetrate into matter, into consciousness of matter and to get imbued with perception of matter or to experience them. We can try to explore new threads of thoughts and spheres of experience overcoming the limits of a normal human-earthly approach, unencumbered by body connected thereby ability of sense perception. This new viewpoint from which we then proceed will also inevitably lead to completely new results the diversity and importance of which cannot yet be even approximately correctly evaluated.

In the pictures I try to vividly depict this new sphere of experience, at the same time I would like to stress once more that here I describe my individual concepts and experiences that, of course, make up only several of the countless number of opportunities, moreover, they "filtered" through my personality with all its specific ability for sense perception and representation.

Die Infinity is everywhere: in each person, each animal, each plant, in all existent or non-existent – or, to formulate it in the right way: all finite, all limited is penetrated by infinity, or all existent and non-existent is a part of infinity.

It follows from here almost inevitably that joining of spirit to enables man to leave



the prison that the body constitutes for the spirit and become a part of any kind of matter. Endless consciousness has end-lessly vast holding capacity for experiences that can only be accumulated only in the state of unification with infinity.

The assumption that the present-day human spirit is more important than matter is consequently nothing more than pure conceit and self-overestimation that results from human inability to cognise the ob-jective world that is available behind the sub-jective picture of the world. It is time to at least recognise this objective world even though it cannot be perceived.

Like many others I have tried to resolve the dilemma and to bring other standpoints in the field of vision for consideration. A significant factor is that of the "impetus", of the provocation. Proceeding from it, as it was described in a more detailed way in the "Sandbox model", impetus for thinking opens or creates new threads of thoughts, and the stronger is the exciter of these concussions, the higher is the chance for as many as possible most new and unusual ideas and associations. In this sense it is important to provoke and to be unhandy because staying within the framework of usual thinking schemes is an obstacle for any new development. Constant further development of abilities and opportunities of human spirit is the goal the process of human evolution strives for.

The Fourth Dimension 1979-1987

The fourth dimension – what is it? Nobody has managed to give a univocal answer to this question.

Here we get confronted with a fundamental problem of human spirit: we seek a new dimension that lies on that side of the dimensions that are usual for us. That seems to be simple, but appearances are deceitful:

As beings of a definite individually different size and extension we move in a world that is also everywhere determined by size and extension. We learn by everything that we do that we and our world is "spatially" oriented, that is by the categories of 'height', 'width' and 'depth'. Everything is related to height, width and depth; our life is positively unimaginable without these categories. Naturally, we have also to deal with the both other dimensions known to us: one-dimensional formations – lines – are as common for us as the two-dimensional – planes. But the dimension that is suitable to us in our form of existence is the third one, that of spatial expansion.

But how are we going, we who are fixed on this dimension, strictly speaking, recognise a dimension that exceeds the bounds of the limits, how can we perceive it? How can we perceive it, simply identify it? This problems in all its significance becomes vivid in the book by Arthur C. Clarke "The Profiles of the Future", a passage from which I would like to cite here:

"The best way to get acquainted with the fourth dimension consists in making a step back to a two-dimensional world. It is not difficult to imagine a flat universe, that has no height – an even world, so flat as if it has been pressed between two endlessly dense glass plates lying one on the other. (For the subsequent study of this world I recommend the little classic "Flatland" by A. Square (T.A. Ebbott)). Let us call it 'Flatland' ... If this world were settled by intelligent inhabitants, so they would know the figures of the plane geometry – lines, circles, triangles, but they were completely unable to visualise such incredible formations as spheres, cubes or pyramids. In the 'Flatland' each closed curve – for example, a circle – would completely enclose some space. In this case there were no entrance inside except to break it or to penetrate into it. The bank vaults of the 'Flatland' were simple squares, and their contents were completely safe.

But for creatures like us who could move in the third dimension – height – those bank vaults would stand wide open. We would be able not only to look inside, we could also be able to stretch our hands inside and to remove the contents, to lift them above the wall and to drop them later again on the "Flatland" in order to pose the local police before an intricate and insoluble problem. A close space has been robbed – however, nobody and nothing has penetrated through the walls.

The analogy becomes vivid when we extend it to our own universe. For a being that would move in the fourth dimension there would be no closed spaces. (Mind that this being must travel only a fraction of a centimetre in this direction as well as we must jump up only a hairbreadth in order to overpass the wall of the 'Flatland'). It could remove the contents of an egg without leaving a scar, it could pass not through the walls of a closed space but past it. Each law-abiding citizen can visualize an endless series of further interesting opportunities".

What Clarke describes here as a fundamental problem for the transition from the 2nd to the 3rd direction is valid in the figurative meaning also for our issue: How can we, strictly speaking, move ahead, into a next higher dimension, a being that is fixed on space? How can we on the whole gain a foundation of what this dimension can be like?

Well, we cannot consider this problem to be as groundless as it seems to be. We can try, for example, proceeding from the well-known dimension, to draw conclusions about the nature of the next higher dimension. Possibly, we will be able proceeding from the common features of the dimensions known to us, that we can easily find out, to derive the criteria concerning the nature of the next dimension. We assume that what the three already known to us dimensions have in common can also be a feature of the sought fourth dimension. First of all we have to discover that the next higher dimension abolishes the borders of the lower dimension. What does it mean?

The first dimension is characterised by extension in only one direction: in length. A line, a one-dimensional formation, has a certain length but neither height nor width (at any rate from the purely mathematical point of view; the fact that each line drawn with a pencil has a certain width, namely the width of the drawing pencil-slate or the ball-point of the biopen, is here of importance. Purely mathematically id the width of a line equals to zero).

A plane is two-dimensional; it is characterised by length and width, that means that it extends to two directions. The borders of a line are as follows: it has no width, it is so narrow that it does not cover any plane. The plane abolishes this border: it can be of any length and of any width.

The third dimension, space abolishes the borders of the plane. A plane is characterised by the point that it has no height, space, on the contrary, has as one of the factors that on the whole enable its existence, extension to into height.

Due to the point that each next higher dimension abolishes the borders of the lower one, two more further common features are to be established:

- A) A next higher dimension contains even in its smallest unit the below lying dimension in multitude: a plane contains a multitude of lines, a space contains a multitude of planes.
- B) A next, higher dimension is only then a new dimension when because of abolition of borders really a new dimension opens.

When we assume that what all the three previously known dimensions have in common is also valid for the fourth dimension, so it follows that: when it is true – as we have seen it – that each next higher dimension abolishes the borders of the lower one and contains a multitude of the three dimensions in its smallest unit, when this criteria should further also be valid for the not yet known to us fourth dimension – so the fourth dimension could be the dimension that abolishes the borders of the fourth dimension. But where are the borders of height, width and depth abolished? Height, width and depth are the categories that have no more validity in **INFINITY**, besides it, in infinity is contained a multitude of spaces of the third dimension. Consequently, **INFINITY** could be the fourth dimension!

But stop! Exactly here can be raised the first objection: A line, however, can be endlessly long, a plane and a space can be endlessly large. The infinity of a line, a plane and a space is, however, is a particular case of the three already known dimensions, but not a new dimension.

Although so formulated this objection is understandable, but it does not come to the point. The endless length of a line or the endless size of a plane, a space has nothing to deal with the infinity that the fourth dimension forms. Why not? To answer this question I have to speak in a roundabout way:

We, people, are influenced by the existence in the third dimension. All the spatial that

becomes accessible to us through our organs of sense perception, including ourselves and our neighbours, is finite, has it beginning and its end. We live in a finiteness, we are a part of a finiteness. We call a plane then endless when we cannot comprehend it any more from our position in the finiteness, when our finite standpoint does not enable us indication of an exact size. So, the precondition to call something endlessly long or endlessly large is our standpoint in the finiteness.

But what happens when we leave our standpoint in the finiteness and move to infinity? Well, we can on the grounds of the results of the research of the atomic physics and the elementary-particle physics to assume completely guaranteed natural scientific cognition that by approach to light velocity, time passes slower and slower and in the end, stops by achievement of light velocity. Anybody who moves with light velocity does not grow old because time does not run for him. And space becomes smaller and smaller by approach to light velocity until in the end it becomes endlessly small. The notions 'space' and 'time' are not valid here any more. For the one who moves at light velocity time stops and no more distances exist. As a result of it, he is everywhere at the same time because neither time passes for him nor is spatial extension available. But it is a completely different quality of infinity than the one that occurs to me as infinity from my standpoint in a certain finiteness. Infinity as the fourth dimension enables me to be everywhere at the same time while I as a being that exists in the third dimension have a place within a finiteness from which something seems to me endlessly long or endlessly large, just because I have a limited standpoint and a limited field of vision. The involvement in finiteness cannot give us a comprehensive field of vision of these finiteness, but liberation from constraint in the finite and entry into infinity puts us onto a higher lying stage from which we can entirely observe the finite. Due to entry into the infinite we can get at the same time everywhere and always to all existent and non-existent.

Infinity penetrates finiteness; the microcosm, a structural element of matter, is as much involved in infinity (let us only think about endless motion of electrons in the atom) as the macrocosm, a structural element of the Universe (for example, endless extension of the Universe). Infinity is everywhere around us and inside ourselves, we consist of infinity. All matter is endless – although it turns into energy or is transformed into energy, but it remains available as energy. It is endless. Infinity is the fourth dimension, it opens us an absolutely new 'dimension.'

But that all can become clear only theoretically – we cannot practically determine, perceive it. We neither have corresponding organs of sense perception to perceive infinity, nor dispose we of the corresponding threads of thoughts to be able to at least a half to visualise the abovementioned phenomena. Due to the fact of our existence

in a finite world we are only able to perceive finiteness. Our senses are not so created that they can leave the sphere of finiteness, to transgress it. And even in the sphere of the finite our senses enable us to perceive only a small part of the objectively available. Other living beings have much better organs of sense perception with the help of which they can much better see, smell, hear etc. or they have completely different facilities of sense perception (as, for example, bats) – but even they with their perception also cannot leave the sphere of the finite. Through specialization of our senses or intensive training we will also not come any further. As of the present day we can only try to spiritually imagine infinity, to spiritually design it; but we cannot yet bodily perceive the sense of Infinity, that is to be present everywhere at the same time. I consciously say 'not yet' because the course of evolution is not to be foreseen beforehand, and it is quite possible that some day man will be able to perceive infinity in this or that way due to his physical and mental properties.

But in order to achieve it, it is required to influence the course of evolution in this direction: we must create in our brain threads of thoughts for these reflections, so that they can become a self-evident constituent part of our thinking.

The more self-evident they can become, the more they influence formation of people, the more will they develop in conformity with them – the sooner will the just now described Utopia become reality.

That it should become reality is for me beyond any doubt, because owing to the theses that infinity is the fourth dimension we have in our hands the key to all yet unsolved problems of natural science.

So, both the relativity theory and the quantum theory, both corner stones of our natural science that mathematically calculated value some time will come to 'endless'. Further follows a vivid description of this problem by a competent person, namely, Werner Heisenberg published in his book: "Steps over Borders":

"Einstein found 50 years ago, that the structure of space and time is not so simple as we nowadays visualise the in our everyday life. If we define as the past all the events about those we, at least as a matter of principle, have already known something and as the future all the events those we, at least as a matter of principle, will be able to influence, so it will be in the spirit of our naïve ideas to think that between these both groups of events there is an endlessly short moment, the idea, that Newton laid in the foundation of his mechanics.

It has been known since Einstein's discovery in the year 1905 that there is a certain period of time between what I have called the future and what I have called the past, the temporal extension of which depends on spatial span between the observer and the event. Consequently, the sphere of the present is not limited to an endlessly small period of time.

The relativity theory assumes that impacts fundamentally cannot spread faster than at light velocity. This provision of the relativity theory leads in connection with the principle of uncertainty to difficulties. After relativity theory impacts can only be extended to the space-and-time area that is strictly limited by the so-called light cone, that is, by the space-and-time points that can be reached by the light waves that are emitted from one of the active points.

Consequently, this space-and-time area, that must be stressed, is strictly limited. On the other hand, it has turned out in the quantum theory that the strict limitation of the place, that also means strict spatial limitation entails endless uncertainty of velocity and thereby also that of the impulse and the energy. This state of affairs works practically in the way that by the attempt of mathematical formulation of interaction of elementary particles infinite values for energy and impulse constantly appear that hinders a satisfactory mathematical formulation".

It is this point that makes both theories incompatible with each other – each of them taken separately is deprived of contradictions and convincing, so in accordance with the present-day level of cognition it cannot be false. But how can they not agree with each other? The answer is: they agree with each other! Only the point at that the mathematical result of the both theories gives the value "endless" must be accepted as this sought explanation!

The whole world with all its constituent parts is endless, as we have already vividly shown before. This fundamental must be placed in a higher degree into man's consciousness and accepted. If everybody is aware of the fact that he himself is a part of infinity and consists of infinity, then it will become possible to accept infinity in thinking models in natural sciences not as an unsolved riddle but as their solution.

The contradiction between the relativity theory and the quantum theory turns out to be an imaginary contradiction that is resolved by means of infinity as the fourth dimension and is explained by the wrong premise by setting of the task. But this is a problem of a scientific research that is confronted with the borders of the previously known and recognised knowledge.

James Trefil, professor of physics at the University of Virginia refers in his book "At the Moment of Creation" to a complicative problem he got confronted with during his research of the beginnings of the Universe and that exceeding the frames of the case described by Trefil illustrates the general problem of natural sciences:

"All the laws of natural science are based on observation and experiment, so consequently none scientific law is valid is valid outside the sphere where it was tested and confirmed. That is why it can be claimed that the question about the beginnings of the Universe simply cannot be answered with the help of natural-scientific methods.

We can discover laws by means of measurements and observations, and maybe it is allowed to extrapolate these laws to the early Universe as we have already done it. But we have on the whole no experience with a universe that has no measurements, and, of course, it is not allowed to extend our present-day experience onto this new sphere. The question of the beginning of the world as it is founded here cannot be answered by means of natural scientific methods. That is why it may not be asked and must remain unanswered".

Trefil formulates here the cognition that gives explanation to many to many absurdities by research bordering spheres of natural sciences:

The deeper tries research tries to advance to the spheres that lie on that side of the border of cognition of the respective time period, the more disputable becomes application of the traditional arsenal of methods. Are the regularities of physics in the spheres that were previously closed for human research on the whole valid? Have not these spheres sooner namely therefore been closed to researchers because these researchers approached the phenomena of the fourth dimension from the position of the third dimension and with the target setting typical of the third dimension? Can we measure with a tapeline where the division of a span into metres and centimetres is of absolutely no importance? As applied to our problem a question arises: Can we, as knowingly finite beings, who unconsciously live in infinity and who live in finiteness with all their consciousness, judge upon infinity? Do we on the whole dispose of suitable methodology, of reason-able criteria, of perception commensurate to subject of research?

I am convinced that we within the reasonable limits can carry on polemics with infinity: at any rate, the means of the natural sciences that have proved their worth by research of finite spheres for those at last they had been developed, are not quite suitable here. The criteria of finiteness are not any more valid for infinity what again spe-

aks for infinity as the fourth dimension

At the same moment naturally arises a question how and with what means we can then approach infinity. Well, the answer to it really suggests itself: only our spirit allows us to get liberated from the sphere of finiteness and to advance to infinity, as infinity is contained in each of the atoms that our body consists of, as in each atom of matter.

A further proof of infinity as the fourth dimension presents the so-called EPR (Einstein-Podolsky-Rosen)-experiment that is explained in detail in detail by Fritjof Capra in "Tao of Physics":

"The EPR-experiment has recently been repeatedly discussed and analysed by the physicists who strived to give interpretation of the quantum theory because this experiment suits ideally to show the difference between classical and quantum notions. At this point it is sufficient to describe a shortened version of the experiment that is limited by two electrons with their "spin" and is based on detailed presentation formulated by David Bohm. To be able to understand the core of the situation, one must be familiarised with certain properties of "turning around" (spin) of an electron. The classical example of a tennis ball with torsion is really not enough to describe the spin of a particle smaller than an atom. In a certain sense spin is revolution of a particle around its axis, however, as always in subatomic physics this classical concepts is used with limitation. In the case of an electron the spin of a particle is limited by two values: the velocity of the spin is always the same, but the electron can revolve in one or the other direction around its axis, clockwise or counter-clockwise. Physicists name these both values of the spin as "up" and "down".

The decisive property of a revolving electron that cannot be understood within the framework of the classical concept is the fact that its axis of rotation cannot be always defined for certain. So as the electrons exhibit a tendency to exist in definite places, so they also tend to revolve around definite axes. If one carries out measurements of any axis of rotation, one finds that the electron revolves around this axis in this or that direction. In other words: the particle receives a certain axis of rotation at the moment of measurement; one even cannot say if it rotated around s definite axis before the measurement. At that time it exhibited only a certain tendency or disposed of potential to do so.

After this explanation of the spin of electrons we can closer devote ourselves to the EPR-experiment and the Bell theorem. To start the experiment, one uses one of the several available methods to bring two electrons into a state in that their common spin is equal to zero.

Now let us assume that spin of particle 1 is measured in respect of the vertical axis and is found to be rotating in the direction "up". Since the combined spin of both the particles is equal to zero, so it follows from this measurement that the spin of particle 2 must be directed "down"wards. The measurement of the spin of particle 1 means at the same time the indirect measurement of the spin of particle 2 without exerting influence in any way on this particle.

It is paradoxical in this experiment that the observer is free to change the axis of measurement. The quantum theory reads that in a system of two particles the common spin which equals to zero the spin of the both particles around an arbitrary axis must pass in two opposite directions, although each particular spin existed before measurement only as a tendency or a possibility. The crucial point is that we can choose our axis of measurement at the last moment when the both of particles are already far from each other. At the moment when we are carrying out our measurement of particle 1, particle 2, even being thousands of kilometres away, gets a completely definite spin around a chosen axis. But how can particle 2 know what axis we have chosen? It has no time to receive this information by means of conventional signal.

That is the main issue in the EPR-experiment and also the point where Einstein disagrees with Bohr. It was impossible for Einstein that the measurements taken on one of the particles can determine the direction of the spin of other particle that is thousands of kilometres away because no signal can travel faster than at light velocity. After Bohr, this two-particle system is a single whole even when the particles are separated from each other by huge distances. Such a system cannot be analysed by the terms of independent parts. Although separated in space from each other in space, they are still connected by momentarily and immediate, non-local links with each other. These connections are no signals after Einstein; they transcend our conventional concept of information transfer. The Bell's theorem supports Bohr's position and proves irrefutably that Einstein's outlook of a reality consisting of independent, spatially separated elements is incompatible with the laws of the quantum mechanics. In other words: "Bell's theorem demonstrates that the Universe in the broadest sense of the word is connected with internal link so that all its parts are interdependent and inseparable".

So describes Capra in general this really complicated but also very instructive for our problem physical interaction. On the one hand, it turns out to be that here the classical physical methods of research are also not suitable to understand and explain the phenomenon. ("Such a system cannot be analysed by the terms of independent parts").

On the other hand it also turns out that physics, not really wanting it, gives many proofs for my theory of infinity as the fourth dimension. How otherwise can it be explained that Capra comes to the conclusion: "that the Universe is in the broadest sense internally linked that all its parts are dependent on each other and inseparable?" Space and time do not exist in the fourth dimension in the usual for us form. Only owing to infinity as the fourth dimension it will become possible and explicable that both the electrons, although being arbitrary far from each other, from the standpoint of the third dimension react so as if they were in immediate proximity to each other. It is even not required that one particle transfers the other one information about the spin (and how would it?), as both the particles are in infinity always everywhere, that means: although far from each other, but, however, immediately near each other and in each other.

From the point of view of the third dimension, the past, the present and the future, according to Einstein's relativity theory, are roughly separated from one another. If the fourth dimension is added to the mindset, this rough separation will still be present, but only for a view from the third dimension. In fourth dimension, time does not flow, that is, there is no past or the present, there is always a simultaneous Everywhere to connect the information from the past with the open future.

What follows out of it is: relativity theory is true only for the third dimension areas, that is, for the areas with boundaries. Quantum theory is placed in the borderline of the third and fourth dimensions thus being superior to relativity theory for the common context.

The laws of the fourth dimension (Eternally and Everywhere) connect relativity theory (rough borders) for the ending areas with quantum theory and its relationship of uncertainty that do now allow strict borders in all areas by means of the fact that ending areas are contained in the infinite areas in multiplicity. None of the theories contradict another; they are true for different prerequisites (dimensions).

With fourth dimension, all Existence is connected in time and space. Information can therefore be transferred without any time spent as even PSI phenomena can be explained by the fourth dimension. In 4D information networks that are related to the

past actually exist as present.

All the newly developed information stages, information and levels of conscience exist in fourth dimension as an open past or as possibility, in the past as the present that exists without any flow of time. In the fields of third dimension there is no present at all. It is stuck as the past with limited boundaries of time and space in matter. Common point of view that space and time form the fourth dimension is therefore not correct. It should be the following way: Space minus time or time minus space.

$$m^3 - t = 4. D. = t - m^3$$

**Quantum Theory of Information,
Gravitation, Space and Time = QIT**

The Dissolution of the Information Paradox 2008 and other riddles of the black holes¹

British physicist Stephen W. Hawking from Cambridge University proceeds from the following assumption: no information could slip from the Black Hole. Matter with information that gets into Black Hole is lost beyond retrieve. Consequently, black holes contradict to the energy conservation principle, which is active as of today and assumes that nothing disappears, because black holes refute this principle. By giving the example of lost information in the black holes, Hawking puts forward an information paradox. According to the quantum information theory for gravitation, informational paradox is solved. According to the quantum information theory, information does not disappear in the black holes; it is just transformed into the quantumless state and intercrosses with further information and quanta. It has also been discovered that with the transformation of matter, energy, gravitation, space and mass inside the black holes, gathered information is transformed into the information and space without matter and without energy, so black holes contribute to the expansion of the Universe, space and residual radiation, as well as new information and the information networks. Information does not disappear in the black holes. Black holes either act as space presses or generators. They press the space from matter and leave this space gained through Halos to the universe. Thereby they contribute to a small extent to its expansion, which is perceived as the dark energy (also see the relevant part of the $i = E = mc^2$ Series of paintings)

It will show that by the transformations of matter, energy, gravitation, space and the mass within the black holes, the stored information is converted into energy and matter-free information and space, while the black holes contribute to the expansion of the universe, space, the background radiation as well as new information and information networks: Information never gets lost in black holes. Information can be converted into space, time, gravity, energy, mass, halos, dark matter and dark energy. The singularity being the core of a black hole shows that space and time have both been converted into mass and thus both space and time become infinite. A simultaneity of information stored in the mass of the singularity now appears as infinite values once the quantum mechanics and/or the general theory of relativity are applied to the singularity. The prerequisite for this new model of thought is to accept that the results of the infinite computing values, which through the applications of general relativity and quantum mechanics are applied to the singularity of both the black holes and the universe, are describing the world as it is. The information which is not converted into time, space, gravity, energy, matter or other forms is infinitely fast, so are present everywhere at the same time. In its transformed form, it is subject to the speed of light and the properties of its transformed form; however, it possesses both properties at the same time as both the EPR experiment and the quantum mechanics are showing in all their facets.

The Unified Formula of Quanta and Information 2005

Everything is information: gravitation, space, time and matter

What is directly connected with the mass and therefore, with gravitation, can be concluded on the basis of Einstein's relativity theory or from Lorentz transformations. With growing speed, time flows more slowly, gravitation becomes stronger, space is squeezing. Experiments of transporting atomic clock at big heights in the planes support the fact that farther from the Earth time flows slower while the strength of gravitation decreases. This means: faster flow of time is caused by weaker gravitation. The stronger gravitation is, the slower the time flows. It has also been discovered that gravitation causes light to slow down or the track of light changes or that light can be stopped or that if there is no gravitation, light flows slower or loses its energy. Here one should remember the phenomenon that the rising light of the planet from the gravitation field is becoming weaker if this light comes into the gravitation field of another star, where it gets new energy causing its speed and color to return. Spacecrafts that fly outside of our planet system would prove this interconnection on the basis of increase or decrease of the spacecraft weight.

Quantum Theory of Information, Gravitation, Space and Time = QIT

Quantum physics clearly demonstrates that our former notion of time should be corrected.

3D (third dimension) past

Past consists of the past information that forms gravitation, energy, matter and laws of nature.

4D (fourth dimension) quantum state of the present

Present consists of simultaneity of past information and open future opportunities in the fourth dimensions. Present does not exist in the 3D world. For the 3D world it is actually the past.

3D/4D (third dimension/fourth dimension)

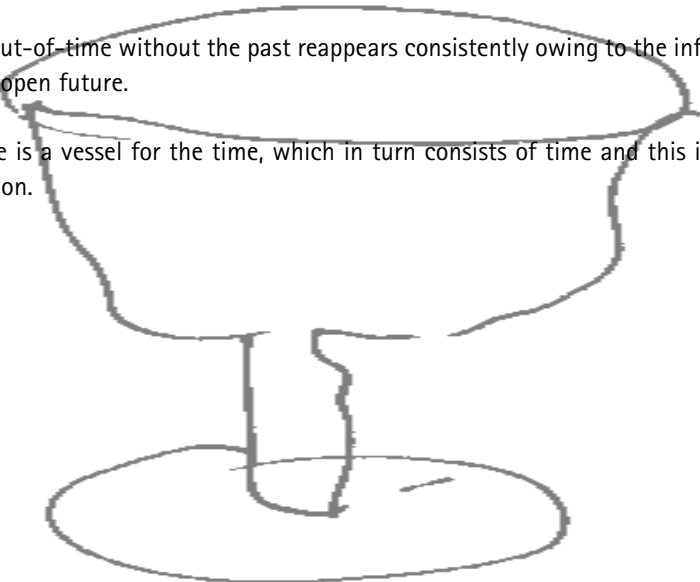
The future consists of the open opportunities that exist as possibilities in quantum physics and seem undetermined.

In this indefinite state, an elementary particle or electron wave is placed as pure information within the limits of 4D simultaneousness of the present.

If an electron is defined by a method of measurement, it comes out as manifested information of the past, just like electron or wave within the limits of 3D world.

Time or out-of-time without the past reappears consistently owing to the information with the open future.

The space is a vessel for the time, which in turn consists of time and this in turn of information.



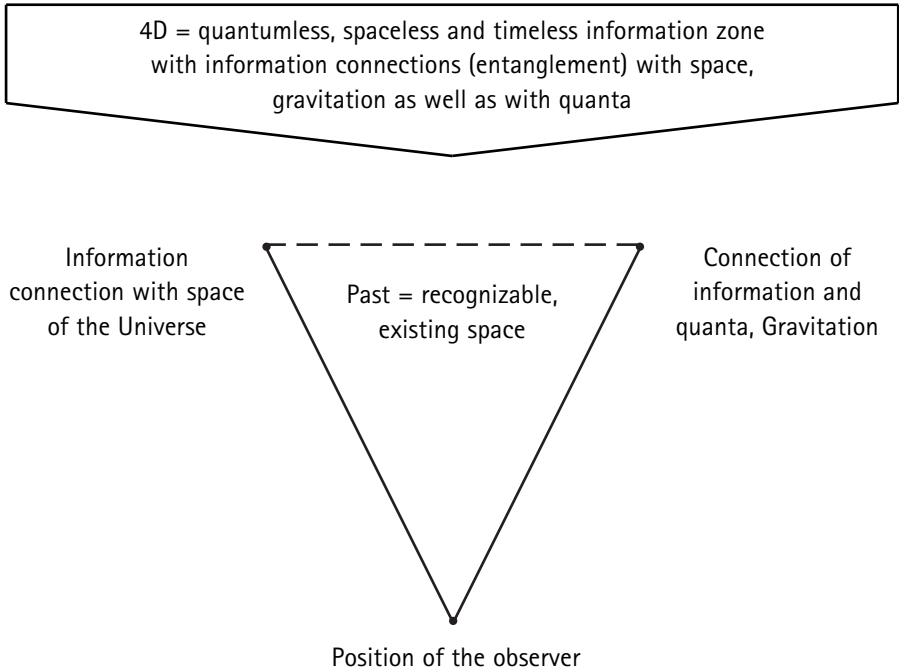
Many Worlds?

According to the new quantum theory of information, gravitation, space and time, model of multiple worlds is excessive, such as the nature of Creation does not follow any complex paths and all the possibilities are covered by the theoretical quantum information model of gravitation. The fact that the Universe is flat and open supports this assumption.

It might be assumed that the consciousness of the matter will be trying to reach through gravitation and through evolution of the mind for the higher stage of consciousness for us that is liberated from the matter and crossed with the three-dimensional world, a good example of this being black holes in the Universe (where time stops on the edges). Deviation of 4D Information from the normal state leads to the formulation of finite areas: information of the past space, gravitation, energy, matter, mass allows the Universe to expand eternally. Then the Universe could consist of the information of the past, of changes, information or creative and informational networks of the fourth dimension. The perceived and suggested qualities of the world are connected with one another or, more precisely, by means of primary events, cognitions, are intercrossed like the laws of nature and are interdependent, can turn into one another under the influence of new information (see the unified theory table).

If we follow this assumption, it would mean that gravitation is information and information can turn into gravitation, space or time and these notions should be redefined, as well as whatever can happen for all of these three areas, gravitation, space and time by means of applying quantum theory for them. If this interdependence of gravitation, space, time and information is further researched on the basis of quantum theory, we would get the following graphs:

Quantum-information theory of space



Due to his observation from inside of the space hoarder of the past, the viewer, depending on what he wants to get as a result, would perceive this information as gravitation (quanta, mass), or information in space (wave).

* without limits/an infinite principle; creation of new information, coming from as well as following the self-perpetuating laws of nature, information networks, and the dimensions N.D.1 to N.D.4 and N.D.5

The new dimensions

Universe = the penetration and cross-linking of the new-dimension terms N.1.D. to N.5.D

The model of the QIT offers new solutions to newly denote and sort the dimensions:

Changed dimension terms show a new order of dimensions:

0.D. = New 5th dimension/N.5.D.*

1.D. = New 4th dimension/N.4.D.*

2.D. = New 3rd dimension/N.3.D.*

3.D.= New 2nd dimension/N.2.D.

– New 1st dimension/N.1.D. (over-nothingness of the process of creation**)

This results in clearer assignments:

* N.5.D. = Creation of both new and initial information (Laws of Nature) within the areas N.1.D. to N.4.D. and from the N.5.D.

N.4.D. = Laws of Nature + New N.4.D. Information + N.4.D. Information Networks

N.3.D. = New N.3.D. Information + N.3.D. Information Networks + Laws of Nature + Time

N.2.D. = new N.2.D. Information + N.2.D. Information Networks + Space + Mass + Energy

N.1.D. = New Information within the Dimensions N.1.D. to N.4.D. = Energy, Modification, Motion, Creativity = Evolution within the 3.D. according to perception, measuring procedure, dimension or mix of dimensions

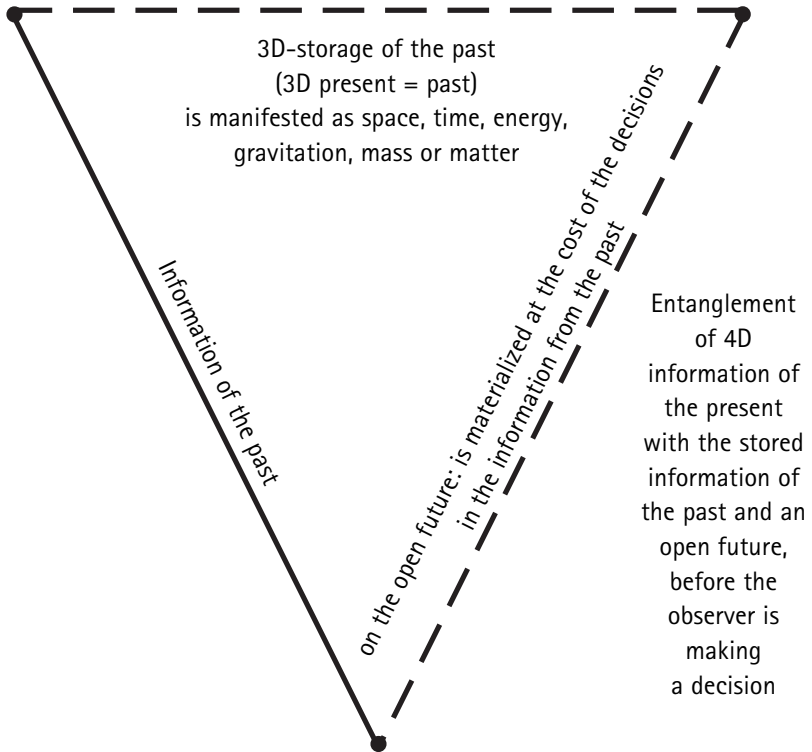
When the QIT of the TOE is confirmed according to natural science, the result is that we may keep converting back and forth in the future within the N.4.D. and N.2.D.

So transformed in the N.4.D or N.3.D, we shall ride through the universe without time passing. Safe and eternal energies without radiation or loss of information, shall be either gained from the merger of information or from the process of transforming information from the N.2.D. in the N.3.D. and N.4.D. or the information of the N.3.D.in N.4.D.

The questions on both what occurs with our information from which we spiritually originate and who we spiritually have become at the moment of our death may then be answered. What is certain is that the information is not lost and could again be transformed from the N.3.D. and N.4.D. in the N.2.D.

Quantum-information theory of time

Position of the observer of the open information of the future
with quantum experiments before the decision is taken
4D= all the non-quantum information of the past, all-embracing timeless
present with an open future

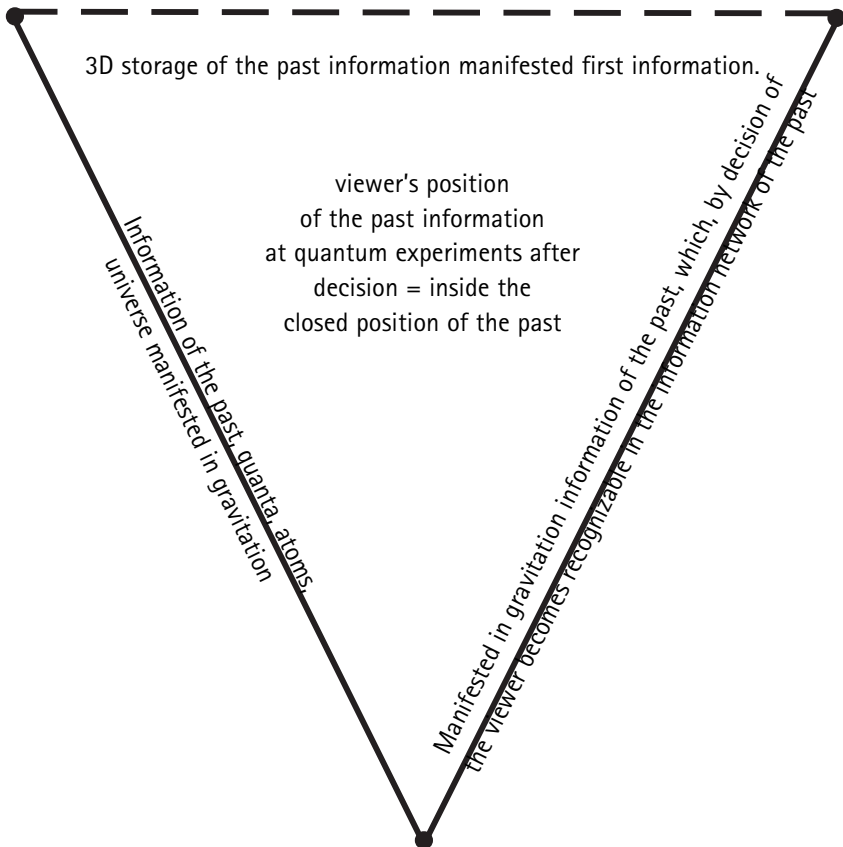


It is not the quanta that behave unusually; it's rather the observer from the past universe, in which time existed, who changes his spiritual position into an open future universe in which all information, including the past, exists without time and quantum; by his open decision within the quantum experiment, he might not just yet have changed his observational position into a quantum-realized, closed past universe. By his decision the quantum observer changes the universe. By his change of universe he is showing that he can make quantum-less information measurable and visible, and vice versa. From his observational position of the open universe, the observer within the network structures of the information network may predict future probabilities.

However, once he defines and measures these, the one- and two-dimensional energy of the information exchanges by the additional observer's matter-free energy information (which now together form a common two and/or three-dimensional information network) at the same moment of the decision, without time passing by, again, the universe of the 4th dimension in the 3rd dimension, which all together form a holistic universe.

Quantum-informational theory of gravity

4D = timeless present all-embracing non-quantum information that stored all of the past with open future and entanglement with the information of the past 4D (dark matter and energy) as well as entanglement with gravitation, energy and matter 3D.



Strata and entanglement of
quantumless 4D information and information of the storage of the past
(gravitation, background radiation, quanta and matter)
and by the decisions of the viewer.

Various variants of solution are coming on our minds to explain gravitation as an inseparable part of information network that finds its origin in the new information:

1. Gravitation originates from information
2. Gravitation and information that do not possess energy or, more likely, information spirals (for this information field I have created the term Cosmorans or 4D) consist of information and changes that are altogether united in a network.
3. Cosmorans are crossed with gravitation with the help of first experiences (information) that gives rise to new information with the help of its crossings and alterations.
4. Because both cosmorans and gravitation exist in symbiosis with the help of experience crossings with one another thus creating information spirals that are crossed with energy and elementary particles by first experience forming a constantly expanding universe with the help of new information (new data). Gravitation and cosmorans can enter one another or transform into energy or matter with the help of new data. In other words, visible information universe that is related to the past is placed onto the cosmorans (timeless simultaneity of all previous data on the open future); they use informational crossings to form an eternal, transforming universe.

QIT includes quantum theory, gravitation, relativity theory, informational properties of energy and matter, formulating of the laws of nature, 3D and 4D with their timeless and spaceless information network thus making integral perception of eternal creation of the universe.

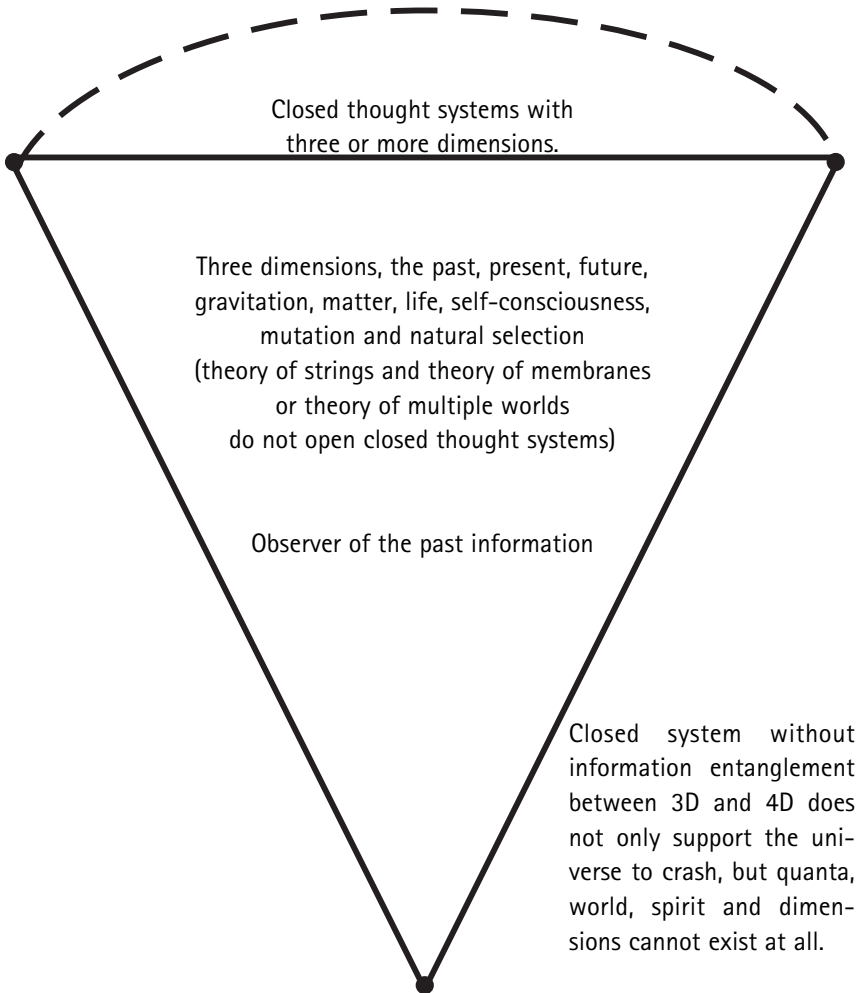
Time, size, space, gravitation of the laws of nature, changes, speed, mass, dark energy, dark matter, background radiation, self-consciousness, creativity, energy, matter, genes, genetic programs, cells, evolution, human being, society and, consequently, "quantum-information theory of space and time gravitation" open future take its origin in the new information. Every new thought, new innovation and every work of art, every newborn child with new positive first experience and connections, with information crossings of his quanta with timeless cosmorsans of the participants, with the help of the perceived, new data contribute to socialization, evolution of the ethical Universe.



Gas cloud in Space

Sandbox	Present-day man	Atom	Universe	4. Dimension	Infinity Information
Box	Human body / Information	Energy / Matter / Information	Energy / Matter / Information	Information	Space; time / Gravitation / Energy / Matter
Sand Information	Brain / Information	Gravitation / Information	Gravitation / Information	Gravitation /	Formation of infinity Information / Gravitation / dark Energy / dark Matter / Background radiation
Gutters in sand	Intellect / Information	Cosmoran edge / Information	Cosmoran edge / Information	Cosmoran edge / Information	
Straight wet edge of gutter	Mind/ Information	Cosmoran radius / Information	Cosmoran radius / Information	Cosmoran radius / Information	Cosmoran with an endless radius
Pressure of water, softening of a stark gutter and penetration into sand, creation of big wet sand areas, formation of gutters	Creativity / Extension of consciousness by means of pressure of spirit / Information	Creativity / Extension of consciousness by means of pressure of spirit / Information	Creativity / Extension of consciousness by means of pressure of spirit / Information	Creativity / Extension of consciousness by means of pressure of spirit / Information	Endless creativity / Information
Wet sand, including gutters	Level of consciousness / Information	Cosmoran diameter / Information	Cosmoran with a larger-diameter / Information	Cosmoran with a larger diameter / Information	Cosmoran diameter of endless size /
Dried out gutters in sand	Subconsciousness	Dark matter	Dark matter	Dark matter	dark Matter
Dry sand	Consciousness of matter man / Information	Cosmoran with a larger diameter / Information	Cosmoran with a larger diameter / Information	Cosmoran with a larger diameter / Information	
water	Information / Spirit with filter since information is filtered by human senses	Information / Spirit without filter as it is not bound to human senses	Information / Spirit without filter as it is not bound to human senses	Information/ Spirit without temporal or spatial borders as well as without spiritual borders for cosmorans with a larger diameter as compared with cosmoran with a smaller diameter	Information / Endless spirit without tempo-ral, spatial and spiritual borders
Dark Energy					

Quantum theory contradicts to the world of closed systems of gravitation, matter, space, time without the storage of information, transformation and spirit



A clear picture comes out of the previous chapter (see chart). To understand everything better, we need a sand table model, which can be used in various models: living beings/human being–atom–universe–fourth dimension, creativity (changes/information). At any moment we can use a sand pit model to present separate notions and their relationships with one another. The unified theory table provides answers to various open questions, such as: how is matter created? Does matter have conscience? What is the meaning of life? What part does creativity play in our lives? What direction are we going? How was the Universe created? Is there life after death? Does Creation exist?

Antimatter 2013

The assumption that just as much antimatter as matter emerged at the Big Bang includes two false premises.

First, as I will explain later, the adoption of a Big Bang is wrong. Second, the perception that by the creation of matter the same amount of antimatter as matter always arises is not right. New measuring conducted by the Fermi, Space Satellite by NASA started in 2008, sense the formation of antimatter over storm clouds in our atmosphere. With their traditional premises, the researchers are now facing a mystery.

With these new guidelines and the QIT, a new picture on the origin and the distribution of the anti-matter emerges.

In my view, the anti-matter is a waste or surplus product in the formation of energy and matter. Matter and anti-matter are not created in equal proportions in the universe but are rather the result of a conversion process from dark matter into the background of radiation and energy or matter. Also by following the reverse process path from matter into energy and energy being dissolved in flashes, antimatter is produced. It is always in this case that only a small proportion of antimatter appears. The results provided by Fermi have confirmed a small amount of antimatter in the universe, just like the QIT in 2007, and have thus once more disproved the Big Bang Theory.

Antiparticles and antimatter

(see also <http://de.wikipedia.org/wiki/Antiteilchen> 06:45 13/08/2013)

Many types of elementary particles exist in two forms, as normal particles and antiparticles. One example is the positron, the antiparticle of the normal electron. Mass, lifetimes and spins of both a particle and its correspondent antiparticle are equal, likewise the nature and strength of their interactions. In contrast, electric charge, magnetic moment, and all charge-like quantum numbers are equal in the opposite sense. Thus, the electron has the lepton number 1, the positron -1. The parity of particles and antiparticles is the same for bosons, but opposite with fermions. Particles of which charge-like quantum numbers are all zero, are their own antiparticles.

Due to their perfect symmetry, antiparticles can just as easily connect to antimatter as the ordinary particles to the normal matter.

When a particle encounters an antiparticle, there is a high probability of annihilation: The proton and the anti-proton annihilate each other in several pions; the electron and the positron dematerialize into two or three photons. Conversely, a photon can be converted into an electron and a positron, in which case we speak of a pair formation.

Lisa Randall: Hidden Universes. Publisher: Fischer Verlag, Frankfurt/Main 2006, ISBN 3-10-062805-5.

Web-link: www.quantenwelt.de: Antiparticle – To Any Part Its Opposite

Dark Matter 1982-2005

Dunkle Dark matter: what is it? Nobody has even managed to give a response to this question. What is this force that holds the Universe and is not visible as matter is? We can talk here only of the force that itself consists of the information mass. The force that offers us the opportunity to save the information, self-consciousness and creativity in the four-dimensional area of cosmorans and hold it with the help of boundless and timeless connections or crossings. According to my model of cosmorans, there is a painted cosmoran with the properties of dark matter in a series of photographic images entitled "Consciousness of the Matter" created in 1979. Attractive forces of cosmorans, also known as gravitation, are created with the help of information, its crossing, its preservation systems or types of structures, first experience, as old points of connections that are displayed as background programs or the laws of nature; in this way, together with gravitation, they form visible matter thus keeping Galaxy together. The difference between information masses or gravity of the third and fourth dimension lies in the fact that the gravity of the third dimension, while distancing itself from the mass, is decreasing, but gravity of the fourth dimension within the limits of the cosmoran network, cosmoran spiral is boundless and is distributed on the timeless basis (within the Galaxy boundaries is not decreasing while distancing) and in this way keeps Galaxies together.

Because of this, dark matter consists of structures of self-consciousness and crossings as well as information with its crossed information in the third dimension (space/energy/matter as information of the past or the calculable and visibly displayed programs) and crossings with (quantumless, spaceless and timeless information) of the fourth dimension.

Inertia and attraction force of the dark matter is identical to the gravitation since both of them consist of information, its crossings and attractive force of information networks. According to this world model in the beginning of the three-dimensional cosmos there was information within the limits of four-dimensional universe.

And so modifiable theory of dynamics by Isaac Newton named "Moon" to calculate galactic rotation curve that is actually surviving without the dark matter, does not replace dark matter or cosmorans because the moon does not forecast all values and misfires with its forecasts about the hot gas in the Galaxies if dark matter is not present.

If we proceed from the assumption that the Universe consists of information and information networks in three-dimensional space and four-dimensional area that can also transform in the forms of gravitation, mass, speed and matter, the moon shows the options for these transformations in special separate cases, but that cannot diminish the importance of cosmorans.



Computer model of Galaxy, where our Milky Way may be located, where the forces of third and fourth dimensions are brought together (entangled), that keep all Galaxies together allowing them to expand.



Galaxy photos show that our Universe, by means of common information effect and crossings, exists forever in boundless evolution. Gravitation, speed and cosmorans keep the Universe from falling apart with the help of information network and crossings.

Dark Energy 1982-2005

New information, changes, creativity and innovation in the Universe create stronger and stronger pressure on the cosmological diameter. The growing personal creativity and the ever increasing intelligence, changes and entanglement of all the essences, including that of the matter and space, are constantly increasing this pressure. Four-dimensional information pressure in the Universe, creates past with its crossings in the visible Universe, that is, the hoarder of time, the expanding universal space through the non-existing Supernothing, energy and matter, as well as the open future.

Dark energy = the present that embraces all the information of the past 4 D without quanta, but with quantum entanglement that can be found inside 3 D, creates by means of new information, new spiritual energy pressure that allows the Universe to expand.

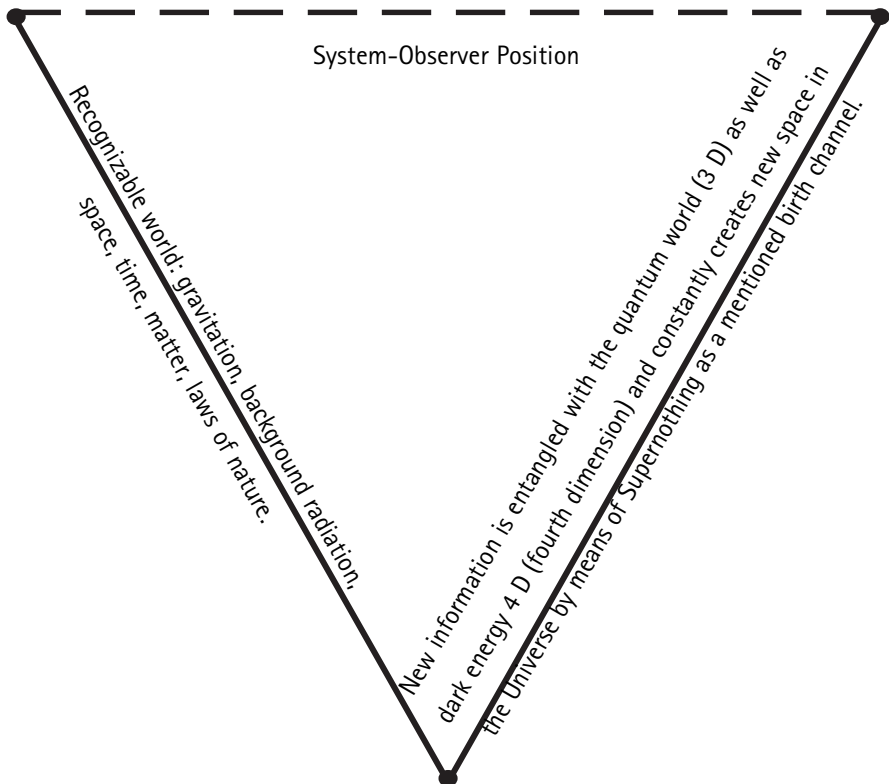
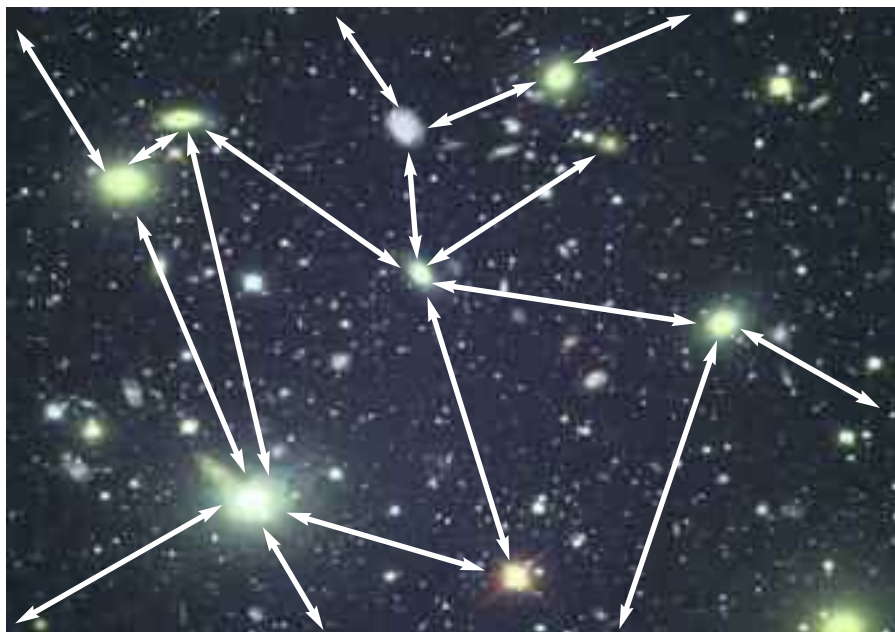




Photo of Galaxy

With the help of dark energy and informational growth of cosmorans, space is expanded between the Galaxies and remains with dark energy, cosmorans connected with each other: Cosmorans stabilize the Universe.

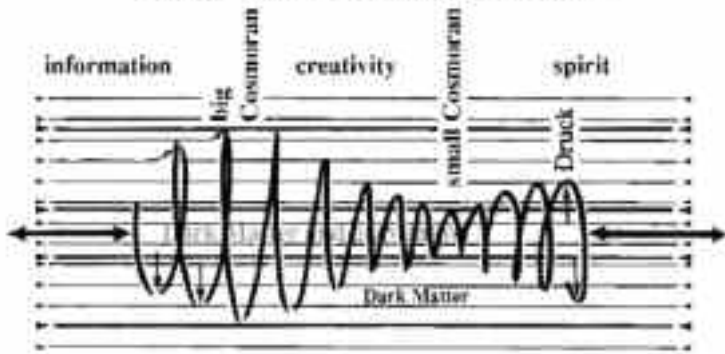


Computer model of the expanding Universe

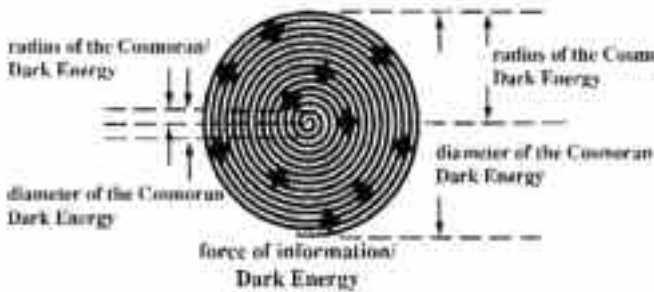
Space between the Galaxies is expanded in the Universe by means of the dark energy, information growth. The Universe expands in all directions. The center of expansion has not yet been determined. The Big Bang should have had background space radiation, center and directions in the beginning of the development of expanding Universe, which has already been proven by new research, appears to be wrong. Furthermore, new research shows that background space radiation can help measure regular noise because of the irregularity of microwave radiation, and the Universe, in its supposed existence is not closed, round or consisting of endless repetitions in the form of eights or circles, but its Galaxies are constantly expanding and never meet, as it had been considered up until today. Being the storage of the past for information, space and matter, the universe, they expand in a flat way, since space is constantly created because of information and 4D (fourth dimension) does not need space and time. By means of cosmorans and their information entanglement with the matter, cosmos from inside is constantly connected with the storage of the past, materialized universe. From new information with various density and strength it becomes clear that the measured speeds of expanding Universe could be measured between the Galaxies and planets with slight alterations depending on the position of the viewer.

(see also quantum-informational theory of gravitation).

Dark Matter appears in connection with gravitation



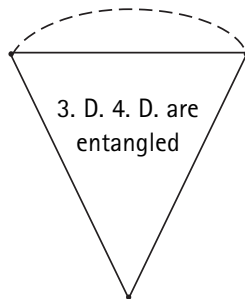
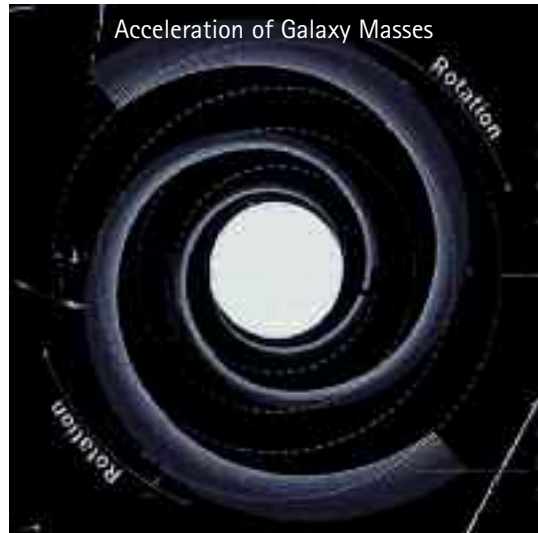
Dark Energy The smaller Cosmoran is part of the bigger Cosmoran



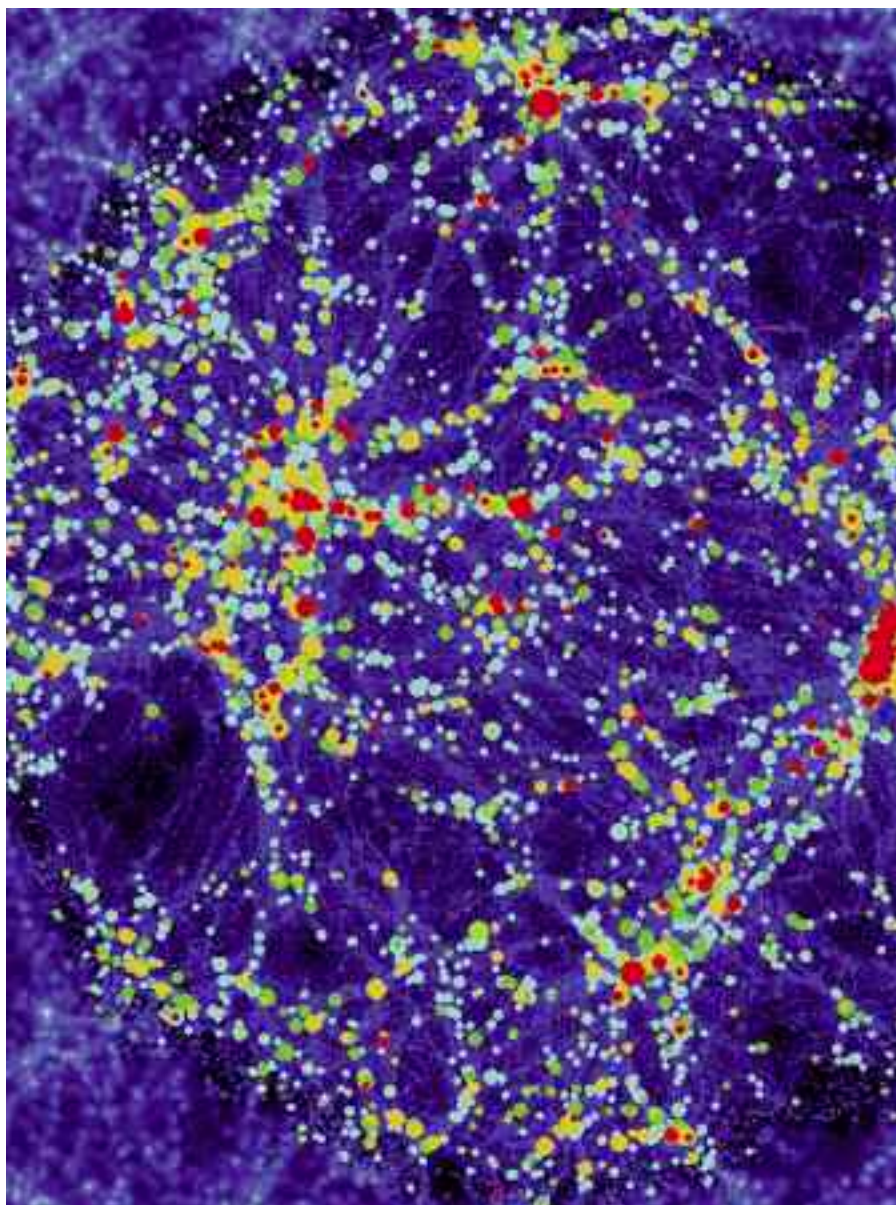
Cosmoran, matter, mass, gravitation, Information networks and crossings of matter are brought together and can move into one another owing to new information.

Dark Matter and Dark Energy Keep the Universe from Falling Apart and Consist of Information, just like Space, Time and Gravitation.

Together with the Galaxy of informational origin and quanta of primary data, cosmo-ran forms a common 3-4 dimensional horizon of events.



Cosmoran solves informational paradox. Information does not disappear, it can be brought back. Quantum-informational theory of gravitation shows the new path. Cosmoran, gravitation, matter, speed, as well as information and its networks exist in symbiosis. By exchanging information, the processes of transformation and entanglement occurs.



Absorption of today's structures of the Universe, matter that was formed owing to information and information network. It is similar to connections in the brain.

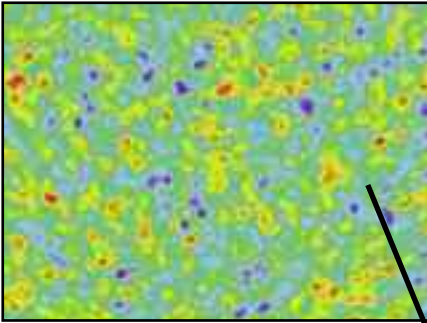
Background Radiation

The mystery of background radiation in the Universe, in my opinion, is mistakenly explained as a residual radiation of the big bang by almost all scientists. The newly measured irregularities in background or residual radiation contradict the existing model of how the Universe was born. It is also illogical to construct the beginning of the boundless Universe in the world with ending insertions in the Universe with the notion of endness.

According to QIT, the Universe creates space out of information, self-consciousness, creativity or changes in the endless evolutionary process from the fourth dimension. In this space, background radiation, quanta, matter, and the Universe, owing to this information, is constantly expanding. Background radiation is therefore getting absolutely new meaning. According to QIT, it is not a consequence of the Big Bang and not a seed for the Universe, but warming up the seed and for materialization of the Universe, which can be performed together with the afterglow of the regional explosions (see further theory on the topic: Big Bang). According to QIT, the Universe did not become any cooler, but became even warmer with the help of information by 2,7 °C above absolute zero. Radiation that follows this temperature is called Black Body Radiation and, according to QIT, has special quality as it absorbs information, connects and tightens it.

Consequently, background radiation is the beginning of information that materializes in the Universe from the dark matter and dark energy. The non-quantum space (Nothing) is therefore a place where gravitation, space, energy, matter are born, which according to "quantum-information theory of gravitation of space and time" should be considered as a storage of past information and its information networks. It is significant that with the help of video recording of background radiation and computer model of the Max Planck institute in Garching, from their appearance up until today one can determine an amazing congruence with the structures of stars of the galaxies in today's Universe. It is worth attention that today's visible formations of material cosmos discover properties that are identical to neuronal connections in the brain, which, in its turn, is pointing at the fact of processing information in the Universe.

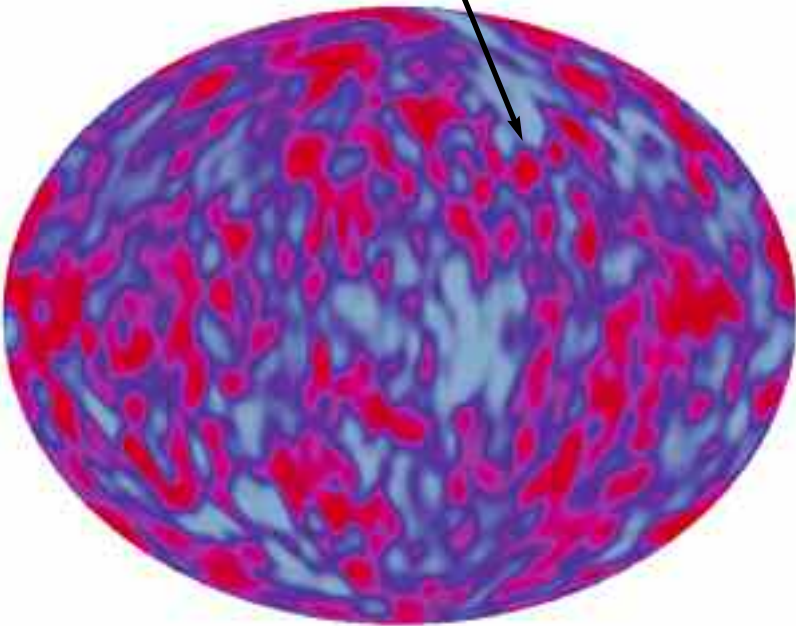
In 2007, the book titled "The World Formula" was published, featuring a theory of an unequal background radiation without blast direction which has later been confirmed by the Plank Space Telescope, itself launched in 2009, providing further proof of the QIT.



Proven by the recent measurements provided by Cobe:

The microwave background radiation proves irregular. According to the Quantum Information Theory of Gravity there should be no uniform direction of the radiation expected to be determined in the future. Their irregular radiation intensity and spreading could be attributed to the space-, time-, gravity-, energy-, and matter-related forming of information, its sourcing and entangled information networks of the 3rd and 4th dimension.

Therefore the areas featuring a strong background radiation should be referred to an intensive information density. In this way the areas in the universe can be identified in which biological life has emerged or the enhanced physical information can be pooled as a source and manifested in its information networks.



A further evidence of the QIT, as established by researchers in 2011, is the theory that the known matter is fed by the dark matter and the dark matter is a precursor of the known matter and related to the background radiation. Recent computer-driven simulations confirm this model.



Accepting modern structures of the Universe (computer simulation), created by information and nets into substance. It compares the nets in the brain structures with galaxies of stars in the space, explains the expansion of information in the Universe. It compares net structures in the brain.

Fotos from comuter simulations (page 360-362): Volker Springel, M.P.I. Garching

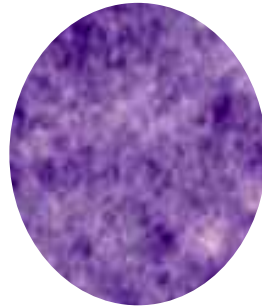
Process of Creation of Structures in the Brains and in the Universe

Formation of nervous system
in human brain

Formation of Galaxies and matter
in the Universe



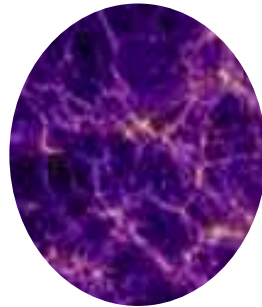
Newborn, from 0 to 2 years



Forming of matter with the help
of information



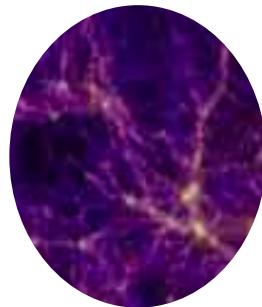
2 years before puberty



Formation of planets and Galaxies



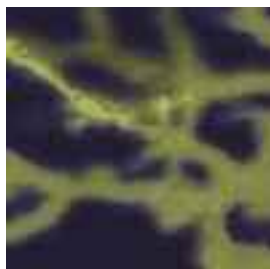
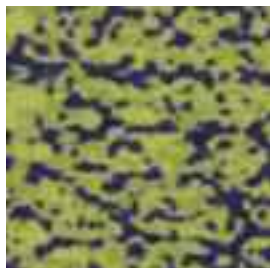
Adult



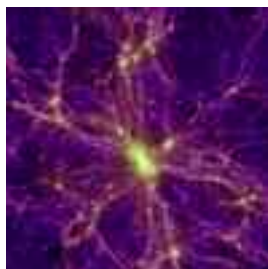
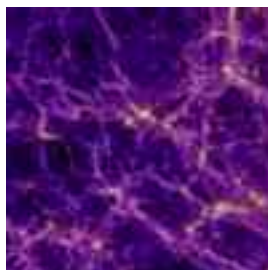
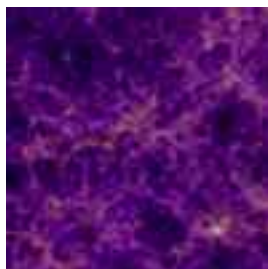
Formation of structures in Galaxies in
today's Universe

Networks of Formation of Matter and Structures with the Help of Information and its Connections in the Brain as well as in the Universe. 1-4 in time lapse

Neuronal connections
in the brain



Structures of the Universe matter
Computer model



1

2

3

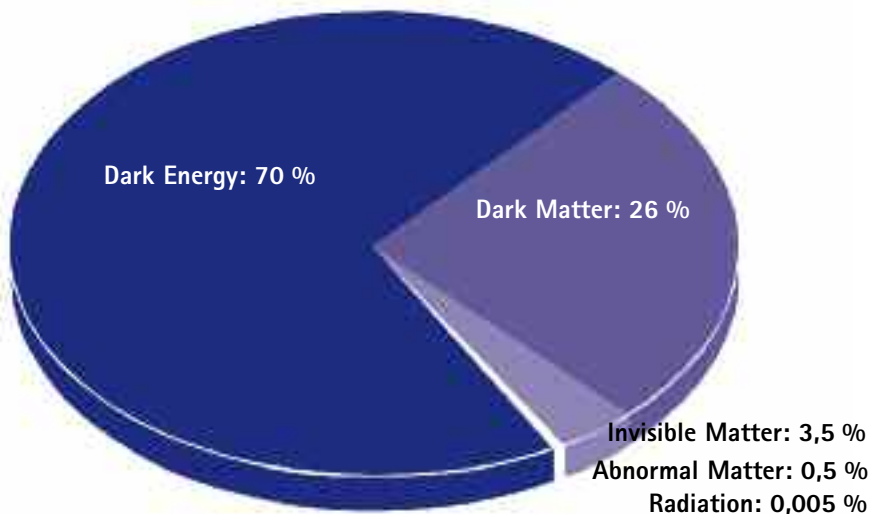
4

Photos from the computer simulation:
Volker Springel, M.P.I. Garching

Universe Components

The Universe primarily consists of dark energy, dark matter, invisible matter, normal visible matter and radiation.

With margins of error while rounding, this does not make exact 100%. All the Universe components mentioned here consist of data that are fixed in various forms of matter and energy and are constantly changing.



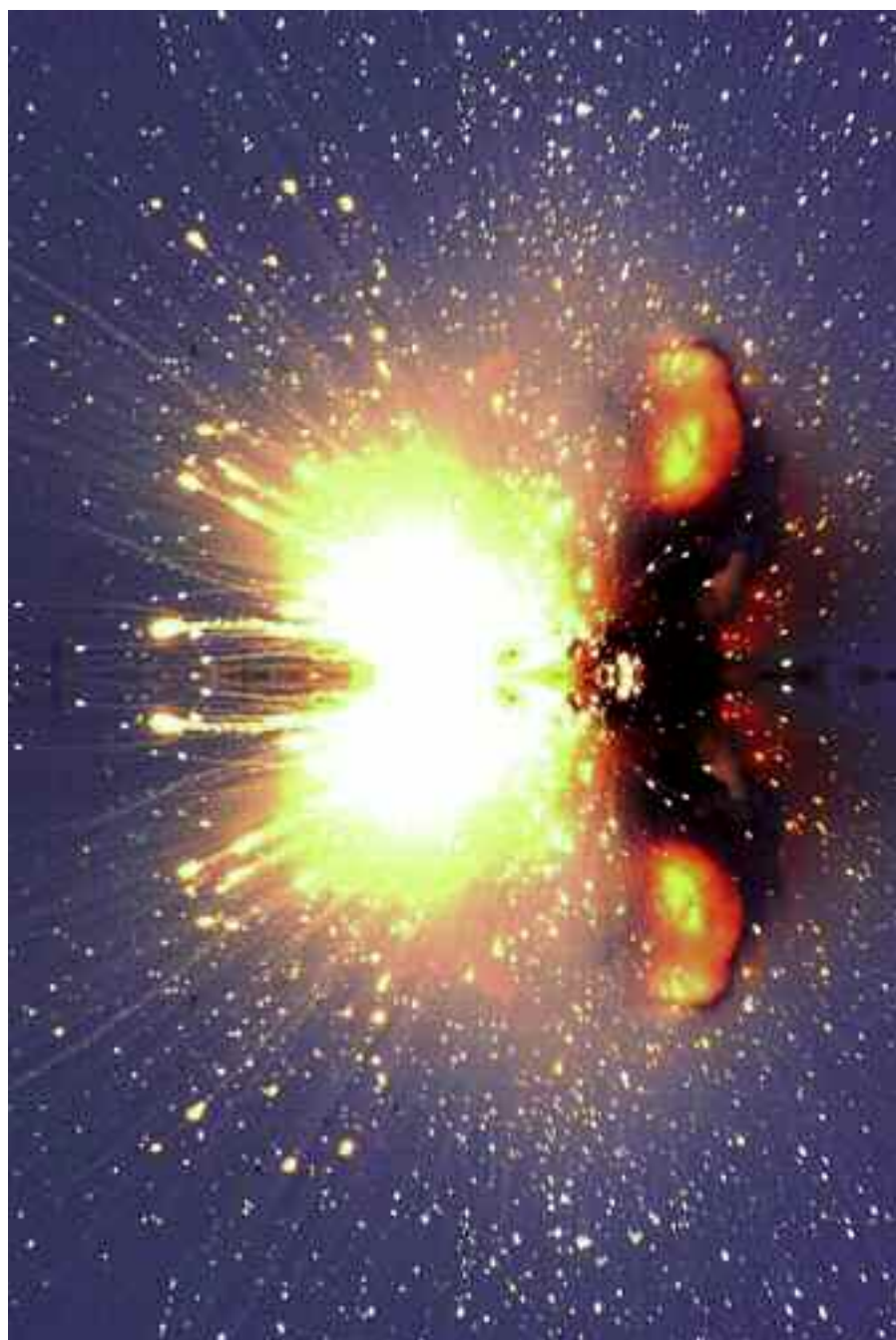
Big Bang 2005–2007

The Universe, according to the quantum theory of time, was created without the Big Bang as part of the eternal process with the help of creativity or, better to say, information and information networks from the fourth dimension. This is the past of the information that manifests itself in the Universe. Some Big Bang that was supposed to originate the Universe could not correspond to the indefinitely infinite Universe, quantum theory of time, irregularity of background radiation, dark energy and dark matter, quantum theory and experiments with entangled photons. Also, the Japanese scientists from the National Observatory of Japan have discovered the biggest ever accumulation of matter in the known Universe, which is 2 billion years younger than the Universe of the calculated Big Bang thus not supporting it, but being the proof of QIT.

The Big Bang theory cannot explain how matter and energy were created that actually made the Big Bang. As opposed to the Big Bang theory, QIT was able to explain that. QIT offers the explanation of what had happened before matter was created and how matter was created even if these "bangs" ever existed. The background radiation and its deviations that depend on the way they are observed were measured by COBE and WMAP satellites, do not prove the Big Bang, but point out the small regional explosions, which further proves the QIT theory. The fact that not a single background radiation flow pointed to a single spot (Big Bang) could not be measured by WMAP and therefore contradictions in the Big Bang theory start to exist. However, they support QIT, which is quite foreseeable, and further measurements of polarization of background radiation are more sensitive to measurements and further prove QIT. Big Bang is a dead theory. It does not mean that there could not be any regional Big Bang, but it means that the Big Bang theory cannot explain the origin of the Universe. Further proof is in the fact that the Universe, as new data attests, is flat, which proves not the explosion, but the theory of something constantly renewable by means of new data and information, something that is constantly oriented at its own experience or laws of nature, is combined, rediscovers and reconnects things and corresponds to QIT as well as cosmologists.

QIT sees the beginning of formation of matter and so the Big Bang, even theoretically, it does not consider the Big Bang as such and turns it into a later regional explosion, which, according to QIT, does not explain the origin of the Universe.

Recent research, such as done by the Planck space telescope launched in 2009, shows that the Big Bang Theory should be abandoned in favour of the QIT. The in 2012 found Higgs particle also proves, that the Information Theory points into the right direction.



The String or M-Theory

The QIT picture also includes the development of five theories of strings with their ten dimensions, one of them presented in the mid-80s as well as M-Theory that was presented in 1995/96 with eleven dimensions that includes and connects five theories of strings. Strings with their additional and open dimensions have amazing similarities by their form of energy and spirals that I developed in 1979, cosmorans with their diameter and values of consciousness (information spirals). It seems that the changing cosmorans on the first energy level could also be explained by strings. (see also book entitled "Consciousness of the Matter" by Dieter Liedtke, 1982)

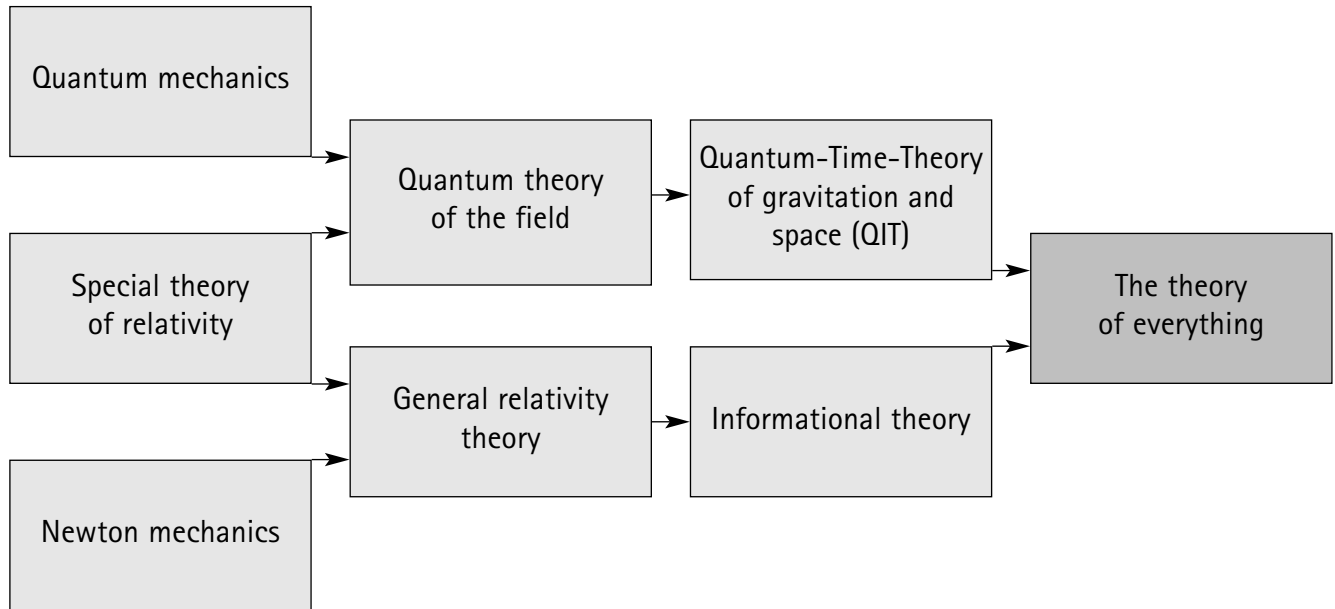
Connection between QIT that could explain the origin of big-size cosmorans (folded strings) of time and space; gravitation, energy, matter and the Universe with the help of information spirals and their connections, changes, with the help of new information of quantum theory as well as relativity theory, from the point of view of natural science, physics could be a theory of strings.

By part of the established properties of strings in M-Theory of 1995/96, they become similar at that point in time to QIT, while cosmorans with the help of new information turn into gravitation, energy or elementary particles and are transformed into background radiation. As opposed to QIT, M-Theory cannot explain what Big Bang is, did it really take place and what had existed before it.

Are theories of strings or M-Theory just a new dress for the king? It seems that they are not.

It is possible that M-Theory, which is modified in certain areas, could support and explain itself with the help of calculations by physicists, with the help of QIT and through QIT. Does M-Theory give birth to a formula, which explains everything, even Creation? M-Theory does not go as far as this task.

QIT, on the other hand, can exist without any additional measurements and M-Theory. M-Theory cannot explain how strings as well as laws of nature, Universe, consciousness, life and society are created, but QIT presents the all-explaining model.



Supernothing and Birth of Cosmorans, Nothing, Time, Space, Gravitation, Energy and Matter



Ultimate Nihilty

Image Title: The Birth of Quantum-Less Space

The ultimate nihilty (super-nothingness) is time-, space-, quantum- and information-less, without existence or reality. The hyper nihilty represents cracks in space through which space, time, energy, and mass are entering the universe one- or two-dimensionally, as both information or energy; it is a thought condition, which only is thought of as a concomitant term to creation or new information.

2006/Acrylic on canvas with a painted-over screen printing base of the 4th D.

Results of recent scientific research partly confirm the physical part of the World Formula; so for instance:

At State University, Pennsylvania, astro-physicists and scientific researchers Martin Bojowald and Martin Abhay Ashtekar confirm with both the results of their research and a new theory, the combination of the Theory of Relativity and Quantum Theory, enabling the transformation of time into space and vice-versa, exactly as represented in my art-work from the Seventies, and which I first introduced in my books "The Consciousness of Matter" (1982) and "The Fourth Dimension" (1987). The theory of "The Fourth Dimension" postulates that space, time, gravitation and matter are made from the primeval substance "information" and proposes the existence of previously unknown powers, the Cosmorans (today known as "Dark Energy" and "Dark Matter"), which for the first time are defined as parts of the universe. The "Fourth Dimension" explains why "Dark Matter" and "Dark Energy" exist and of what they – mentioned for the first time by astro-physicist Saul Perlmutter in 1998 – are substantially made. In his calculations, which formed a new view on the universe, Saul Perlmutter confirmed the power of the Cosmorans.

According to Quantum Theory (QIT), new information or creativity can transform "classic" energy and matter into space, time, gravitation, Dark Matter, Dark Energy, and reconfigure them, entangle them a new as well as forming a network which preserves the whole system.

In 2006 a group of scientists at the Max Planck Institute in Garching, Germany, lead by Natascha M. Foerster-Schreiber, discovered new galaxies which are not in keeping with the theory of the "Big Bang" and the assumed age of the universe; this hints at the World Formula Theory according to which the background radiation in the universe is not an afterglow of the "Big Bang" but an eternal fore-glow of the creation of matter and energy (caused by new information) and the birth of galaxies. There will be additional proof of the fact that matter within the universe shows various different ages, and that they cannot be explained by the "Big Bang"; there will be proof that the history of the universe has to be re-written, and that the "Big Bang" in fact never happened at all.

The introduction of the ultimate nihility to physics and philosophy for the first time vividly portrays the process of creation in the materialized world.

Philosophically a new light of the understanding of the creation and the universe arises, that lightens up and assigns a new place for us in creation and in the univers. If one follows the world formula, one lives it, resolves the riddles of our yesterday's, today's and future existence, we become creation-knowing and melt, link up with the creation by understanding and passing on of new information or creativity.

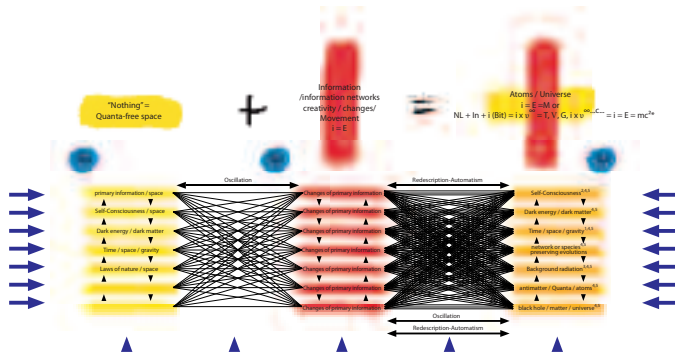
Código Universo

Physic + astrophysic

Codigo Universo Physics + Astrophysics

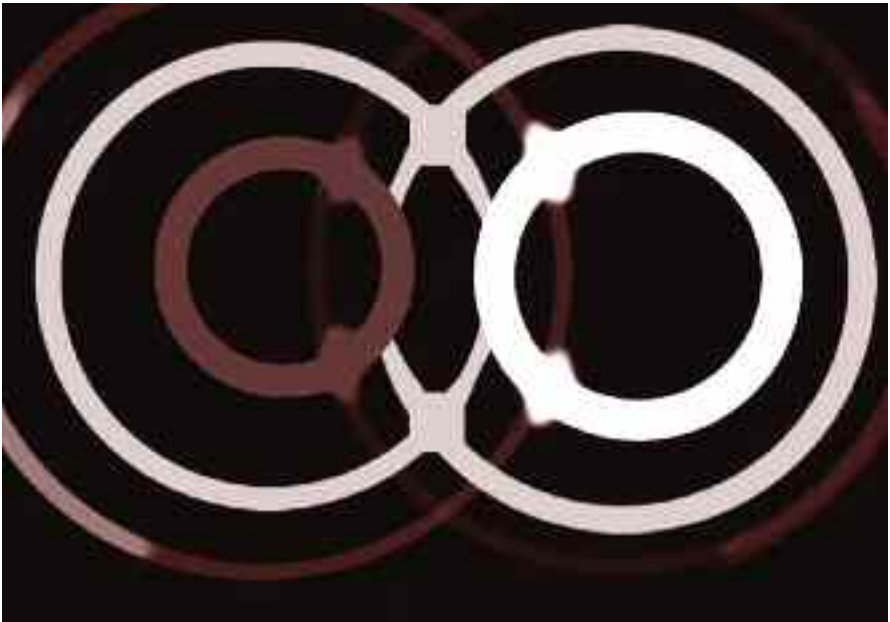
Liedtke's exhibition concept - art open - enables the REDESCRIPTION AUTOMATISM of the exposition visitor or the species conserving information networks which create their network structures and laws of nature by information as primary experiences. On the one hand this evolution is enabled by the oscillation between base level and the new information and the sequences of visions, on the other hand it is depending on the knowledge and hence the observer's point of view outside the oscillation, which observes all points of view in the landscape of time and conscience simultaneously from above and within, hence timelessly, three dimensionally and helically interlinked and returns to his time with this information added to his base level with its new neuronal inter-linkages.

- 1 Generation of one and two-dimensional information and their information networks
- 2 self and art preserving information networks = The self consciousness
- 3 Pre-time birth process of matter and anti-matter
- 4 Movement, Change, Creativity, and Evolution of the information networks
- 5 Generation of the new first dimension (the Ubevoid)
- 6 New dimension sequence



Entangled Photons

"If one could create a quantum computer that could perform with low productivity, researchers could very soon build similar ones with greater productivity. According to quantum mechanics, separate atoms could be entangled with one another by their information. Using 50 atoms, one could surpass the productivity of all computers" according to Herbert Walther from Max Planck Institute of Quantum Optics in Garching. "Quantum computer is related to a usual computer just like nuclear energy is related to fire", George Johnson from The New York Times formulated the idea. Science is electric now, ever since that time, the idea of quantum computer has scared the EU, mass media and investors.



Two twin-photons artificially entangled in laboratory.

The Quanta Teleportation

Teleportation, beaming, instant long-distance travel of quanta in the form of pure information has been proven by a researcher Anton Zeilinger in his experiments and research that was proved empirically. Viennese researcher uses the effect of photons and electrons. If two photons have a common first experience, as it happens they get entangled with each other and instantaneously - without time passing by - appear to stay connected with each other, as if they were placed close to one another although, thousands and thousands of millions of kilometers lie between the photons. This fact from the quantum physics proves in a simple way the timeless and spaceless qualities of information that is not connected by matter and quanta in the spaceless and timeless area of the fourth dimension.

At the same time, it points out to the fact that by common experience, the entangled photons, electrons, as elementary particles or waves in third and fourth dimensions form information networks, which, oscillating, give the opportunity to communicate with the surrounding world and react to information. However, this also means that according to today's definition of consciousness, elementary particles of the matter have consciousness, as well as their own information, information networks, entanglement and first experience by means of self-consciousness.

Fiction about human teleportation

In his dossier "Spectrum of Science, From Quantum to Outer Space", Anton Zeilinger is responding to the question on the fiction about human teleportation. Below you may find the questions and responses by Anton Zeilinger:

"Will there ever be a possibility to teleport a complex object?"

Anton Zeilinger:

There are a number of fundamental obstacles. First of all, this object should be in a pure quantum condition, such conditions are extremely fragile, photons hardly interact with air, therefore, our experiment can be performed in the open air; but experiments with atoms and bigger objects should be performed in vacuum to prevent collisions. The bigger the object is, the easier it is to disrupt its quantum condition. A small bunch of energy could be affected even by the walls of the device. This is the reason why we do not observe isolated quantum effects in our everyday life.

Quantum interference is actually a simpler method than entanglement or teleportation; It has already been made with fullerenes -- empty balls consisting of 60 atoms of carbon. Such attempts will move towards the bigger objects or maybe even reach the small fourths but hardly regular soccer balls!

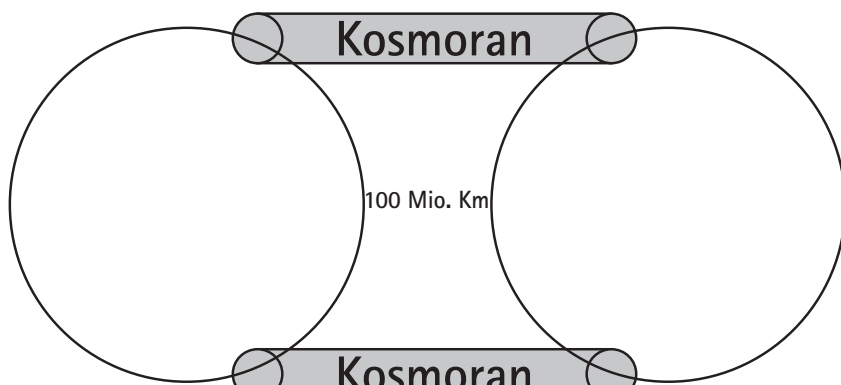
Further problem is measurement of the Bell condition. What would happen if we base this experiment on a virus that consists of approximately 107 atoms? How could we get 108 or more bits of information that such measurement can perform? If the object weighs several grams, the value numbers skyrocket to huge quantities: 1024 bits at minimum.

Did human teleportation require quantum precision?

Anton Zeiliger:

In order to be the same personality, there is no need to be in the same quantum state. We measure our condition on a constant basis and still remain the same people or at least we can state that. On the other hand, monogerminal twins or biological clones are not "the same people" because they have different memories. Does Hesenberg's uncertainty allow us to repeat a human so precisely that he could think that he is the same as the original? Who knows? Anyway, it is interesting that quantum-mechanics anti-clone theorem does not allow us to create an absolute twin of a human."

Informationshorizont



Entangled photons form a common, spaceless, quantumless and timeless informational horizon even if they are separated from one another.

Graph 1

In fiction, a human steps into a measurement chamber (A) near the auxiliary chamber, which is filled with isometric mass material (B), that had been entangled with the isometric mass material in the reception chamber on a target planet (C).

Graph 2

Reception chamber C.

Graph 3

Measurement and accidental mixing of data from chambers A and B.

Graph 4

Because of measurements, quantum condition of photons in chamber C abruptly changes.

Graph 5

Accidental results of measurements from chambers A and B are sent over the radio to chamber C.

Graph 6

Reception chamber. Up until now it was impossible to send the measurement results as pure information (for zero time to pass).

Graph 7

Results of the measurements that are sent to the measurement chamber and transmission chambers A and B into the reception chamber C newly create the traveler by means of accidental photons and their adaptation.

Graph 8

Traveler. He is not the copy, but an exact new creation. There is no one in the measurement chambers A and B any more.



Graph 1



Graph 2



Graph 3

Graph 4



Graph 5



Graph 6



Graph 7



Graph 8

Is the Universe a Quanta Computer

Quantum dictionary uses the Universe as a software and hard drive

With the help of quantum information theory of gravitation, the disappeared or unknown data and deformed genetic programs, genes and cells can be reconstructed and used as information medicine.

Information medicine from computer

Having the world's knowledge at one's disposal is the old dream of all people. If research could prove the quantum-time and quantum-informational theory of gravitation, cosmoran could be used in the future as a reference by means of quantum-informational computer with quantum-informational software. Research proves that some people have limited capability (clairvoyance) of asking for information. Celtic druids that could find more than 400 golden mines in Gaul, witches and sorcerers show the path to possible interconnection. Some scientists, like Englishman Roger Penrose, proceed from the assumption that human cognition is also a quantum-mechanical process in its base. We are not far from the state when in homeopathy, in Voodoo, in placebo, in acupuncture or in rituals or mass media information, additionally to the already described and brought to your attention on the pages that follow, to recognise the entangled informational system with a doctor and a pill, a patient and the information or auxiliary informational material and rituals (such as Globoli, for example). With this additional level of inner side of quantumless state (cosmoran) of the entangled information, external information that comes into consciousness and unconsciousness with the help of senses causing new entanglements with timeless references, cosmorans that would afterwards cause exact recombination of genes, genetic programs and cells to preserve species, for health and would exactly formulate them with the help of corresponding points of connection.

"In the course of many years the confused research community was debating the meaning of Heisenberg theory. Little by little philosophic consequences were emerging. They seemed monstrous to every physicist. The notion of a clearly defined reality is abandoned. Randomness becomes the law of nature that nobody doubts any more. Observer is given a central role: he changes the world by observing it. Physical processes are in some strange way intertwined: measurement at one place may influence the events at the absolutely other, very distant place."

(„Spiegel“ Magazine, 14, 2005, Johan Grolle, in the title article).

Besides, with the help of software from the quantum information computer we could inquire about all the previous knowledge of the boundless and timeless cosmorans of the Universe. The Universe could be used as a hard drive for all collected data and natural programs of the universe for re-programming should be adapted in such a way that they could be used at any time.

A study by Claudia Witt in Berlin University Hospital of Charité is considered to be a breakthrough in the informational medicine. Researchers have been studying flow of illness of 4,000 patients for more than two years. Approximately 12% of patients had clear therapeutic advantage compared to the regular treatment. The majority of 4,000 participants homeopathy supported recovery successfully. (Focus, 1.04.2006)

Advantages:

In this case there are several fields of application:

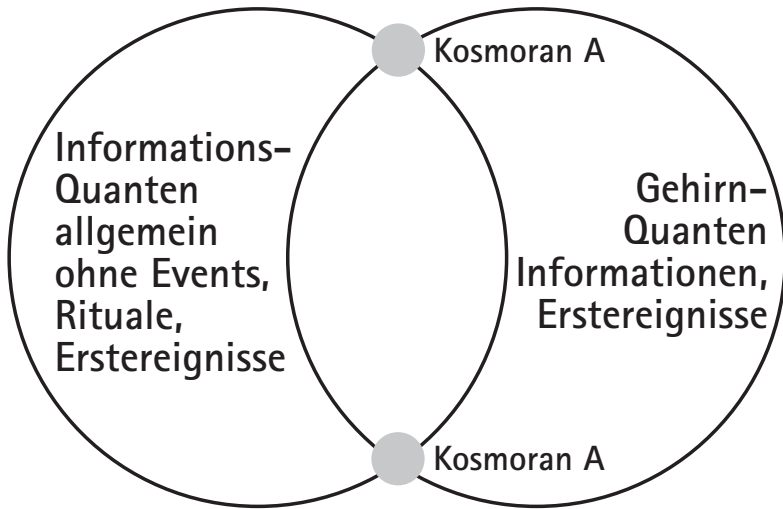
Answers to the questions of epigenetics, genetic programs and medical genetic correction of depression, physical illnesses and ageing of cells.

Responses to the enigmas of natural science and to the question of where hidden natural resources are and how they can be used carefully and with respect to nature.

Responses to the questions of development of creativity, art, innovations, new patents, new plans and ideas, responses to the questions of how to improve welfare and education of the world population that would grow in the future to the value of over 50 billion people.

Responses to the questions of public interdependence and peace in the world.

Entangled photons give us the opportunity to influence quanta and information in the brain as well as neuronal connections, genetic programs and cells with the help of timeless and spaceless cosmorans.



The graph shows two entangled photons with their informational entanglement that identify consciousness and Self (A).

Christian Weber and Martin Tapparo write the following: "In the world of quantum mechanics, both particles are connected even when they are very distant from each other, somewhere on the opposite side of the Universe. For many theoreticians, such illusory distant interactions can happen on the level of humans as well. In this way we could explain, for example, distant cure or homeopathy: one just needed to consider a doctor, patient and Globuli as an entangled system." (Focus, 14, 2006).

The Development of Quanta Physics

1900

Planck introduces the notion of quantum.

1905

Quantum theory of light is introduced by Einstein.

1913

Quantum theory leads Bohr to his model of atom.

1925

Mathematic formula of quantum mechanics is discovered by Heisenberg.

1926

Schrödinger offers an alternative equation of quantum mechanics.

1935

Schrödinger starts to doubt quantum mechanics with the help of Schrödinger's cat.

1947

First quantum-mechanical switch – Transistor.

1960

First Quantum mechanical source of light – Laser.

1965

Moore sets the Moore Law.

1982

First speculations regarding Feymann's quantum computer.

1982

Liedtke presents new theory on quantum creation.

1985

First theory of quantum computer by Deutsch.

1987

Presenting quantumless, spaceless and timeless informational field of the fourth dimension by Liedtke.

1997

First quantum teleportation by Zeilinger.

1998

For the first time, quantum computer makes a simple calculation.

2006

Liedtke presents quantum-informational theory of gravitation, space and time.

2006

For the first time, Liedtke solves the issue of the theory of quantum software for the regeneration of lost data as well as information paradox.

2006

Supernothing, as a channel of incipience of space, time and quanta is drawn and exhibited by Liedtke.

Photomontage on the topic:

"Human being as a quantum vocabulary
with self-portrait and elementary particles",
title "Self-consciousness of the matter" 1982,
screen print 1999.

Liedtke Museum, Port d'Antrax, Mallorca.



The conservation law of information

Quantum-less and quantum-bound information are timeless and space-less with new information or the event of an information unit, in which velocities and changes as well as information networks and events are caused by means of information or events, whose origin is the infinite possibility in space and time to produce quantum-less and quantum-bound information, in which no information gets lost in the unit of information or can be destroyed.

$$i = E = MC^2 \text{ or } i = M \text{ (Information = Mass)}$$

The conservation formula of information: $i = M = i$

Since the permanent transformations of all forms of information as well as their species-preserving networks produce eternal information-yields beyond existing information in infinite processes, these are scientifically perceived, measured, calculated or predicted as theories by their information networks and information forms as the evolution of space, time, dark energy, dark matter, black holes, velocity, gravity, background radiation, energy, mass, DNA, life, culture and society.

The physical conservation law of information does combine the quantum mechanics with the theory of relativity.

Premises:

Quantum-less INFORMATION is without, time, space and gravity as well as verifiable (by or with) space, gravity, mass or energy. As demonstrated by the Einstein, Podolsky and Rosen's (EPR) thought experiment and scientific, empiric research results of quantum mechanics, the theory of relativity and the general information theory of Dieter Liedtke, quantum-less INFORMATION is also manifested and physically existing in energy and mass as quantum-bound information (it does create space, differentiated velocities of quantum-bound information, information networks, dark matter, dark energy, gravity, energy and mass), which are space and timelessly entangled with the quantum-less information by means of events and enter the compound structure of information networks by the observer's information as the creator and provider of quantum-less information and hence, in permanent evolution and entropy can expand and create quantum-less and quantum-bound information as well as information networks in different velocities.

Information is the first measured and calculated infinite base force and energy form, which (contrary to the processes of increasing entropy of matter, which leads to standstill) creates itself in continuously increasing potency and converts itself into quantum-less information (space, velocities, gravity, dark energy, dark matter) as well

as quantum-bound information (energy, mass, universe) and with continually increasing velocities accelerates evolution and each of its forms of existence and being. None of the existing information gets lost or can be destroyed, because all forms of information are space- and timelessly bound and connected by and with event-information-networks.

Not only one type of information exists, but different groups and networks, which are directly or indirectly physically substantiated.

- a.) Quantum-less and self-preserving information
Network 1. a- with entanglements to b-, c-, d- and a-information
- b.) Quantum-bound and self-preserving information
Network 2. a- with entanglements to a-, c-, d- and b-information
- c.) Quantum-less self-preserving information networks
Network 3. c- with entanglements to b-, a-, d- and c-information
- d.) Quantum-bound self-preserving information networks
Network 4. d- with entanglements to b-, c-, a- and d-information

Hence matter, biological matter and especially humankind, equipped with emitters and receivers for not materialized and materialized information, its networks and network connections and hubs, entanglements and consciousness, which also explains the paradox of decoherence (the coincidence of superposition of different states of information onto one information contained in the Schrödinger equation), without the presence of the human observer. In contact with superposition a materialized information environment forms an information system with the superposition, by which the materialized information causes an information surplus in the system, which triggers the new alignment of information, the wave function of the superposition of information in the whole system, as materialized information.

Different from the conservation law of energies – which changes by transformation, but does not increase or decrease – information triggers, – without diminishing in the cross-linking of information and information networks – new information.

Information is always a gain of entropy and chaos, space, gravity, changes of velocity, energy and mass. Hence physical energy, materialized and non-materialized information (no information is the biggest possible information) is at the same time father, mother and child of information, gravity, space, energy, mass, life and its evolution as well as non-materialized information, its networks and entanglements. It is the sole energy with physically and biologically measurable effect in the universe, which - by redirection or partition (communication), conversion - does not dissolve or decrease in the information provider, but increases by means of information networking or entanglement with the recipient of information (as manifested in the information transfer within biological systems of life) and herewith in the totality of information carriers, information networks as well as information entanglements and information hubs is not only retained, but by means of potentiation develops into an infinite energy source for the universe and human kind.

The preservation formula of information:

$$i = m = i$$

The Hyper Theory of Everything 2001

Or what quantum mechanics, the theory of relativity and the theory of uniting the two, say about creativity, as evolutionary law of nature and the existence of the ego, the people's possibilities in the future? The answer to this question could be a new universal way of thinking, would present a symbiosis from idealism, materialism and existential philosophy, and unite philosophy, art, natural science, technology, subject, object and understanding into a single harmonious whole. It reconciles the rational and the irrational. It binds the art and the arts into a single expression. It melts all the trends producing a unifying level of understanding, a universal philosophy. Martin Heidegger foresaw that the new way of thinking is necessary for people and possible in the future, it will help philosophy out of the dead end, so that people with the new model of being, thinking, and reasoning could acquire evolutionary experience, and he put it this way:

"Maybe thinking besides the recognition of rational und irrational, is more sensible as the scientific technique, and that's why ineffective and nevertheless necessary in its own way. Questions pave the way to the answer. The answer should be, if seen as a process, the transformation of thinking, and not an argument concerning the subject-matter."

Niklas Luhmann thinks that transformation of thinking, a new creative way of thinking can be achieved through the philosophy and art of "concrete evolutionism". Universal philosophy must overcome numerous dissociations. Bring knowledge together to an ethic life formation, as well as to be able to build a real union of thought and reality by new thinking and research, that will lead to the elimination of disorders and the achievement of the wished ideals.

Here are some of the contradictions that I would mention as partial replacement:

- Use of nature and dignity of life
- Need and richness
- Forced labor and physical freedom
- Coding of art and spiritual freedom
- War and help
- Terrorism and friendship
- Limited and long life
- Eternal cycle and creative outbreak

Darwinism and protection of the sufferers
Lunatic lust for power and preservation of the species
Theory of relativity and quantum theory
Becoming and existing
Time and eternity

Nietzsche's Superman cannot replace God. Never before did God and Creation show themselves to human in such a clear and open way and without mysticism. The future will show, as the past already did, that the transformation of thinking paves the way to a transformed world. If one applies quantum physics and relativity theory to philosophy, new facets of evolution are revealed. The famous model of thinking (Schrödinger's cat) proves that a number of possibilities can coexist at the same time. For example, there is a cat in a chest. When a radioactive explosion takes place, what happens with a 50 % safety, a gun fires, shoots the cat and kills it. According to quantum mechanics and the principle of uncertainty, the quantum state of the cat is a combination of a living and of a dead cat, before the chest is opened. In the quantum theory both the possibilities can coexist at the same time. Both the states of the cat are real.

This shows that according to the quantum theory, a strict identification of an electron's place, space restriction, an indefinite uncertainty of the tempo of an electron, lead to the elimination of any restrictions. In the psychics of elementary particles or, to be more precise, in quantum physics it means that when electrons are explored, one has to choose whether to perceive them as material particles or waves. Since the very moment when the observer or the experiment manager decides whether he is going to measure a material particle or a wave, the observer according to the quantum theory and uncertainty relations will always obtain the measuring data that he wants to obtain, but never both the types of information (concerning time and space) about the electron at the same time. In quantum physics according to the uncertainty principle, the observer is taken into consideration as a part of the measuring system, as a factor that influences the result of the research. Besides there is a basic hypothesis:

A closed or an open consciousness and ego.

Time is movement and the movement is transformation. Transformation is yet an active or perceiving creativity and experience in the consciousness. Transformation starts on the tips of axons (the central part of nerve fibers), and ends in the brain – the "consciousness", the "ego". That's why time always binds at least two points or information – consciousness center elements.

Transformation or creativity and information produce comparative consciousness and vice versa (see also on problems, the reasons and causes of intelligence and creativity enhancement, ego acquisition, personality and consciousness development and self-control, the art open art formula, publications: 1982, 1988, 1990, 1994, 1997, 1999, 2000, 2003 art open evolution exhibitions 1991, 1999, Liedtke works of art since 1963, graphics since 1979, books and catalogues since 1982, museum since 1994) for orientation and is a basic constant of the nature, of all the living beings, of evolution (as we can see according to new research results concerning people, animals, plants; unicellular and viruses), the comparing, oscillating observer from his relative comparing standpoint.

So creativity or transformation is a previously not reckoned in physics property of the substance, quark, energy, gravitation, dimensions, time and the Universe (as well as of Nothing), the oscillating relative observer who in his creative interference, but, more importantly, in cognition, becomes a part of the system that he expands by his newly-obtained experience and his new personality. Ego is an active viewing position, that besides oscillation between the experience, creative events, points of time, searches in itself a way to the future through decisions, its own creativity, intuition, vision, adding feelings as motivation boosters and is produced from the viewing position of the process, that nurtures itself on the enhancement of consciousness (On construction and reconstruction of neural nets see also the book by Ian Robertson: "The Universe in our Brain", Piper 2002).

One can also say that the ego is the researcher, the philosopher, the artist, the businessman and Columbus of the consciousness and of the world. It is the reaction of the evolution to the transformation of living conditions, an important part of the bridge-heads to self and genus preservation in the future. The "ego" realizes itself physically on the tips of self-transforming and growing axons of neural nets. From experience, creativity, art and vision it goes on and on forming neural nets, the consciousness (including the unconscious. Being genetically programmed, it seeks new experience, to secure the future for itself and its genus.

In an open or closed "picture of the world" the decisive help for the ego is the division into categories. The first positive step in the direction of an open world or society is the positive use of the synthesis of the irrational and the rational. It provides an extended understanding (not to be considered as negative use of mystics and phobias enhancement and reduction of intelligence and creativity), with the help of metaphors, artists, rituals, repetitions, planning the future, visions, predictions, past experience, evolution that enables transformation of past achievements and future visions

into a single open system for the well-being of all the people.

What does the science say about the division of reality in the brain?

It is known from modern researches that there are so-called "reality sluices" in the hippocampus of the brain, the aim of which is to prove that all the information supplied conforms to reality and logics (gene program also makes hippocampus put the information in the consciousness and the subconscious in order, available to use for the "ego", the person, the family, the society and the "genus" at present and in the future), when the "reality sluices" are opened, creativity and new thought patterns can be admitted in the brain as future reality and/ or as a kind of "future experience" conforming to logics, and when they are understood they can be transmitted as self or genus preserving experience. If hippocampus has once opened its "reality sluice" for a certain thought or logical pattern, creativity, art or experience, new information, logically connected with the previous primary information can be, after an expanded control is performed on it, built on further, it passes a "reality sluice" thus providing the recipient, in case of positive use, with constantly growing creativity, intelligence, freedom and well-being, but in case of false information accepted as reality but actually distorting it, leads to incorrect conclusions or actions and/ or including information built on great fear, the positive spiritual genetically programmed evolutionary process turns back and goes in the opposite direction, that of diminishing spiritual force. This process goes in positive and in negative direction in all the countries, cultures and religions consciously or unconsciously and/ or intuitively, as well as motivated by feelings, it takes place in Voodoo culture or under its influence, with the use of placebos, at schools, in all the processes of knowledge transfer, in medicine, in planning, in sport, in advertising, in coaching, in visual art, in research, philosophy, literature, music and so on, in all the processes of knowledge transfer. Transformed, new sensual impressions, especially pointing at danger, are due to emotions genetically fixed as Turbo Drive, they are instantly roughly proved for danger by the limbic system in the brain and launched as instinct or reaction in the body, before the consciousness analyses these sensual impressions more exactly and eventually brands them as false alarm, while the man has already undergone this "reaction". So the phenomenon of reality division including creativity, vision and future perspectives could accordingly be considered a preparatory stage of the consciousness system leading to the open system of evolution of a being and its genus. The consciousness system can lead from process-observing position to decisive revelation of the ego (in what direction to grow, communicate, act, open or close at danger alarm, how to build on genus preserving abilities in the future due to transformation in genetic programming and the genes, and to obtain instantly in the present through a constantly enhancing neu-

ral net growing intelligence, creativity, visionary force, positive influence on one's social and economic success and on one's body cells, physic and psychic health) between all the information transmitters (genes, gene programs, consciousness, the subconscious, instinct, emotions, personality, intuition, creativity, visionary force, knowledge, experience, and will) and the "ego". It can be put in a different way: the "ego" is a forefront future position that according to the hypothesis of a self-transforming world, must reveal the features that the ego must change in itself, to be bound in eternal love and connected to the world full of love (loves makes neural nets and abilities of the brain grow fast, accelerates people's evolution, and enhances humanistic and love potential of the world genetically and through experience, see also the book by Ian Robertsen "The Universe in our Brain") so that the movement of the positive evolution spiral is accelerated, and future generations are bound in love and connected to the world living system, to discover the possibly best living conditions, to develop themselves in the best possible way.

Consciousness is a process that providently enables "ego-coordinated" evolutionary directed "ego" in the "self", with the coming of self transforming world.

Then "free will" can be considered a condition, a cornerstone of the bridgehead to the future, for the "ego", to be able to realize the discovered ego in the "self" and in the world, for self and genus preserving.

A closed consciousness system and the ego reflect mainly the past and the present without a connected to it position of the evolution observer. They are influenced by phobias, by closed systems and their media and, being genetically programmed, they concentrate themselves, on the preset and the elimination of phobias. Closed systems of the consciousness and of the society will be favored by false information, dissemination of puzzles and mysteries, coding of art, phobia of the future, information about bodily and spiritual grief of the world, and through self-experience of physic and psychic illnesses as well as denial of love and reduction of personality till the feeling of powerlessness, self-denial, to will control through task-oriented information from the third party. It is to be mentioned here that closed consciousness, ego and society system, are those in which there is "closed shop principle" (= denial to access to the important consciousness-opening essential information for the revelation of inner self), when there is no information able to perform self healing through own genetic programs.

An open consciousness, ego and society system obtains through genetically programmed, automatically conditioned processes a creative evolution way of thinking

from the past and the future for optimization of expanded past and future (see also the book "Art open" by Dieter W. Liedtke published 2000).

The freedom of axons, men, a state or a society is based on the gist of evolution, to know, to decide or to act. Axons that have no freedom in the development of the brain (in cognition, in connections with the nerve cells) turn back or die out (see also research results of Max Plank Institute for Brain Research). Individuals in the society that have no freedom and motivation to creativity, art, research, science and theories, but the encodings of which are revealed and detained simultaneously. It happens often, though, as an individual, his personality and worth are further based and deeper in the freedom of possibilities of access without encodings, of cognition, of decision and of actions for future connections and cognition and so also of the ego or of the axons. The freedom for creativity, for development is a law of evolution inherent in the system. As the axons show, the loss of worth, creativity or art (through encoding or denial of access) of the individual himself leads to fatalisms, fascism, to retrograde ideologies and religions, to depression, suicide, madness, aggression, criminality, illnesses, terrorism, wars and finally with the taking over of the social systems, to the elimination of humankind and their culture (see also www.Shoa.de).

There are so the two possibilities, of the open and the closed consciousness and ego, genetically programmed in a man, for instance, a social system. On the basis of all the information carriers the observer, his ego, decides, whether it must open or close itself. When the system closes itself and opens, connects the ego simultaneously from the fear of future development of the open system, with other closed systems, so on this connection set growth and elimination of stress and phobias (setting up feelings through elimination of phobias and apparent opening of the future through data on enemy location and discrimination of dissidents), that reveals with the objective observing and development of the future in its growth, as self-elimination (as euthanasia, failing of genetically programmed genus preservation, of evolutionary laws).

It shows more and more exactly; closed systems develop in the direction contrary to that of nature, evolution and spiritual growth, as through illnesses of people, as well as of society systems, ideologies, power systems and business and while studying their history it can be stated today, they can exist and survive only in isolation. Darwin's theory of evolution is in this way won by the evolutionary theory of evolution (to this problem see also "All Life is Problem- solving" by Karl Popper, 1994 and the "The Evolution Theory of Cognition Systems" 1996-98 by Dieter W. Liedtke. The foundation of Darwinism is significantly swayed. The principle of eventual mutation and natural

selection doesn't conform to the results of the new researches. The closed evolution theory by Darwin is disproved at this key point manifold by recently published biologic, genetic, neurobiological and empiric studies in etiology. It boosts criminality, wars and deviant behavior and often becomes legalization for exploitation of man and nature, and abused in capitalistic, fascist or close to people interpretations basing on the closed systems theory by Thomas Malthus, as the "right of the stronger" and the reputedly "better" contrary to the "weaker" and the supposedly "worse". Publication of the "evolution theory of cognition systems", a new evolutionary point of view on the "open systems" eliminated these "spiritual marshlands" that consist of easily transmitted but used in opposition to evolution closed thinking systems. (The fact that if applied to a certain nation, the right of the stronger transforms into a structure contrary to the nature of man, is proved by the transformation of ideologies by Marx, Engels, Lenin, Stalin, Hitler, Saddam as well as by that of exploitation capitalism in an extended variant of a closed society system, in which supposedly there aren't enough resources for the well-being and freedom of all people of the world). While due to the genus preserving genetically programmed carriage of a man's spiritual development, loaded with humanism and ethics and set for the Paradise on the Earth always sinks deeper and deeper in the marsh and gets stuck in it, the only way out is to drain the marsh, to pave the way to the positive future, in harmony with evolutionary laws and creativity, available for all the people on the earth.

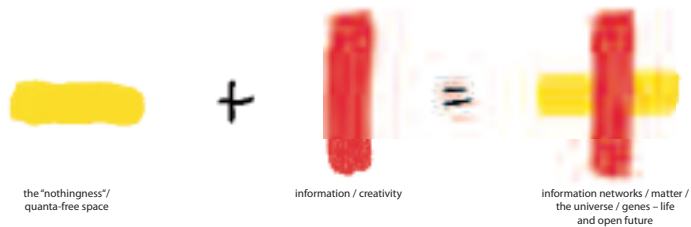
If from this point a man views an electron independently, as a unit of consciousness that appears on the event horizon of an information system (atom) and can't be identified with certainty as a closed material particle or as an energy wave, then a model of consciousness embracing both the possibilities appears. The closed and the open thinking (consciousness) reveal themselves as neighboring models in the consciousness of a man or of a society. The contradictions between quantum physics and the classic special theory of relativity by Albert Einstein that can be applied to quantum physics only in some spheres (in my model of consciousness his theory in spite of its relativity due to its sharp restrictions is branded as closed thinking) can be overcome by introducing a new point of view of the observer, "the infinity" (see also the book "The Consciousness of the Matter" published in 1982 by Dieter W. Liedtke). Stephen Hawking and Jim Hartle established in 1983 the possible way to unify contradictions between the two theories - by introducing "imaginary time" of an infinite Universe that doesn't have time limits. We can compare black holes as ideologies or power systems of closed consciousness and suppose they can't have any leaks, but Stephen Hawking in 1974 by applying the principles of quantum mechanics to the phenomenon of black holes theoretically proved that due to a constant particle flow the black holes lose weight and amount on the outside in three-dimensional world.

The creative outbreak from the closed systems (as the works of art prove) is a law of evolution (see also the book "The Fourth Dimension" by Dieter Liedtke, 1987). The development of nature and evolution of our consciousness shows that an open evolution model is a law of nature and that all delimitation, intervention of the powerful, of the observer or of God, that doesn't imply opening of the system to more freedom, to more creativity, but can lead only to retrograde closed systems (as Hawking showed on the example of black holes), can reproduce notorious totalitarian power systems and declination of great cultures in the history of people, incest and modern technological incest, cloning (positive research results will be provided if it will simultaneously boost creative outbreak of genes and their programs), and will lead to the powerlessness, illnesses and end of the systems in the 3 dimensional world.

Example shows extinction of old writings in the closed systems. Specialists on ancient world history Stephen D. Houston, John Braines und Jerrold S. Cooper in their research work entitled "The Last Writing" supported the fact that the majority of ancient writings disappeared on the principle of the "closed shop." Priests considered people too stupid and unworthy. Secret had to be protected from the outliers.

Código Universo Genesis I

Codigo Universo Formula of Creation I



Creativity is inherent in the system

God does not interfere in the way of the world since this would mean to invert the history of creation, and to annihilate God himself as the source of all creation. God can only be understood as an “open system”, which does not interfere neither in the quantum world of the third dimension nor the level of quantumless information networks (4D) and simultaneously with the dissolution of the known universe, the network and information system god or creation does by means of new information creates a new universe.

“The Ultimate
Nihility”

+



=



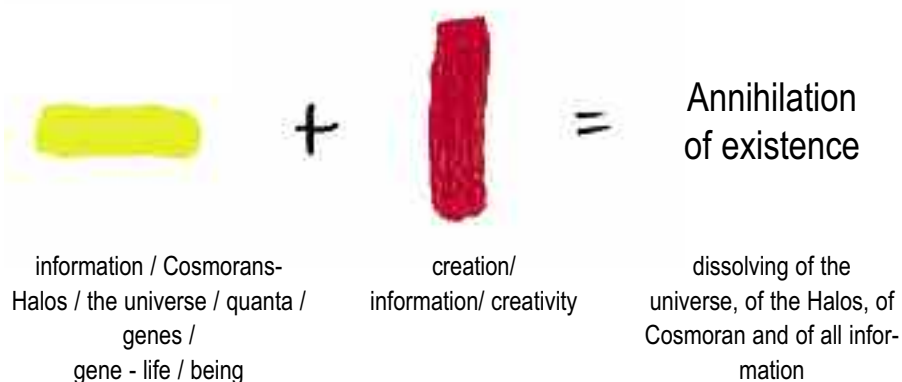
the Ultimate Nihility is
beyond time, space,
information, without exi-
stence and reality;
it is an
abstract which can only be
thought of in the
of creation /
information

endless creativity / information

“nothingness”/
the quanta-free space
+ information
+ Cosmorans, Halos
+ quanta
+ genes
+ life
+ being

Countercheck of the existence of the Universe

The interested reader can establish a countercheck in all the areas of the Theory of Everything by changing the respective “plus” in certain areas into a “minus.” During this COUNTERCHECK all information storage areas of time, space, gravitation, energy, matter, Universe, matter connected conscience and social and communal networks, humanity as well as three-dimensional existence should in the final consequence dissolve into “nothing” and then both 4D and Creation would be annulled with the networks in the third and fourth dimension. In consequence and by means of annulling the Universe with its present natural laws, new information is created, which by means of new first information can cause previously unknown or changed natural laws and ultimately a new universe is created.



Albert Einstein said about quantum physics “God does not roll the dice”. As quantum physics shows, Einstein was mistaken. God is the game and the non-game, the dice and the rules, the player and the table, the loser and the winner, He plays and He doesn’t play, He is there and He isn’t there, in an open system and being, the finiteness inside the infinity. According to quantum physics the observer decides for himself thanks to his goal oriented measuring system, whether there is God in his world. If a man is sure of this, then he is creator of the God that really exists both outside his spirit and inside him. His spiritual view or creative energy creates a Universe, in which God exists or doesn’t exist. The man applying quantum physics to the phenomenon of God, becomes a part of creative laws that he can no more ignore, as it would mean self-annihilation and denial. Applying quantum physics to the problem of God’s existence confirms first of all the old wisdom of old religions. God in this model of thin-

king is an exact copy of the man, nature and evolution, as well as his creator.

If one applies the theory of relativity to prove this thesis and introduce infinity as point of view, the following correspondence appears: strict borders of the theory of relativity confirm that a cat or God exist in both the states. They live and they are dead, and it depends on the relative point of view of the observer, his will to creativity, on whether he wants to obtain an open creative model or a closed power system, an existing or a non- existing God as a measuring result. If God was created once, HE really exists in the consciousness due to the neural nets in the brain as well as in the nature and in the infinity of the Universe. As we all know, creative power is a part of the world and a part of the nature (see also a series of pictures of 1982-88 in Liedtke Museum and the book "The Fourth Dimension" by Dieter Liedtke, 1987).

Applied to the society, a universal point of view shows, why closed power systems do not last long. They are against the laws of nature, or, if you wish, directed against evolution. The creative outbreak of art from closed consciousness systems is the reason for closed consciousness systems to persecute, prohibit, discredit and encipher religions, ideologies, arts and present them to people through media as incomprehensible instrument of the mad or of genies, as well as newly-developing arts and artists exclude themselves from available enhancement possibilities. The understanding of art, the understanding of creativity, has been impeded since the time of Leonardo da Vinci through encoding of art and discredit of artists.

The elimination of art decoding, the introduction of an innovation and art formula, understandable for everybody against all humanistic motivation to a new open world, is likely to be decelerated for the benefit of old closed society and power systems in all the circumstances according to the "Closed Shop" model.

The future of the society: knowledge will be planted in the brain thanks to vision, when the visual impressions will be understood (Tokyo University)" "To see and to know is the same thing" said Leonardo da Vinci. The research of Max Plank Institute proves that when visual impressions are deciphered, knowledge, creativity and intelligence are transferred to the observer and installed for a long time in his brain nets. Applied to the problems of the human-kind, it means that exploitation, loss of dignity, poverty, depression, suicide, criminality, fatalism, fascism, communism, socialism, terrorism, wars and genocide appear not for the reason of pictures viewed and education obtained but due to the lack of demystification and deciphering of pictures or of art, in need for creativity and knowledge, and due to the expansion of phobias and spiritual epidemics and paralyses created among population by them. (see also the book of brain researcher Ian Roberts: "The Universe in the Brain" Piper

press, 2002). The countries that skillfully apply this knowledge as well as results of new neurobiological research of the Nobel prize winner Eric Kandel, New York, and create an open system in their school, media and educational politics, independent of population growth and/or population ageing, can significantly reduce the costs on health care, social security, and fight against crime. Prospering economy will produce a new industry of creative services and set a platform for well-being for all the people. A research conducted on the request of the World Bank by a team of political scientists headed by Paul Collier, Oxford, on the correlation between poverty, terrorism and wars confirms the result: more creativity, more development = less poverty and civil wars. Cultural and ethnic behavior of the population protects in an open system the unity, peculiarity and dignity of people (as electrons of atoms), they guarantee diversity and don't lose themselves in fights, wars, and ferocity (and the three-dimensional world in the fall in the black hole). In their diversity they form a unity, the humankind (as in physics, electrons constitute an atom).

Terrorism and closed systems

As closed systems (states, people, religions, ideologies, media, firms, families and single persons) due to the limitation rules of fantasy, art, religion and thinking processes (in quantum physics, the manager of the experiment) produce only limitations of spirit that leads to further depression, illnesses (negative genetic programming and cell decay), conflicts, wars and with time, the reduction (or powerlessness) to the weakening of energy loss of the closed systems (the black holes, cells or genes) as well as estrangement of people and their power systems from themselves, God, evolution laws, creativity, art and humankind. As outside closed systems there are open systems that develop faster and have a constant advantage over closed systems, which can lead on the one hand to the supposed helplessness of the closed systems and on the other hand – to their exploitation and loss of dignity due to the technological and scientific advance and more creativity of the open systems that will lead to certain limitation, aggression and terrorism against open systems.

The System of the Viewer and the Fantasy

Directly speaking it looks so; an open system gives the observer the choice, to embrace all the known and unknown positions (the last ones thanks to creativity and fantasy) for the evolution of his consciousness, for his understanding. By understanding he builds a new, bigger and a more open system (see also "The Evolution theory of Cognition Systems" 1996-1998 by Dieter W. Liedtke, his works of art and catalogue). Philosopher Hans Georg Gadamer believed that understanding naturally implies a subject, one who understands: "He who understands, is always included in the event, and makes it rational." If one transfers knowledge and the rational, an open system on the closed power system, the closed system disappears and with a constantly growing cognition density builds a symbiosis with the one trying to understand it. If a society system observes another society system and if it wishes to obtain measuring data on a closed system, on having obtained the desired information the system according to quantum physics and Gadamer becomes a part of a closed system.

There is the only way for us as observers who long to enhance life in this world in peace and well-being for everybody: to wish to measure open systems or an open world. The Paradise on the Earth can be achieved only through your own infinity and an open future that from the future are defiantly transferred through the present in tomorrow, or in other words: an open system is in harmony with the nature and God, it stays firm when no sense perception through negative information that damages nets (neural as well), to always choose life and freedom for his genus through creativity (as nature and evolution).

The negative dialectics by Theodor Adorno points to the way out:

“Philosophy, as in the moment of doubt
is the only to blame, can be called an attempt,
to observe all the things,
as they are seen from the view of liberation from themselves.
Cognition has no other light,
than that illuminating the world thanks to liberation:
All other things creates themselves later
and remain technology.”

There is an alternative for us, that God created us for, we must obtain a new view on things, learn to keep to open society systems with an open future and humankind, or better to say: joy and motivation to an open system find, if we in a world with a growing population, without poverty, exploitation, wars, freedom and well-being for all people.

People produce ideas and plan things that do not exist in the real world. These are spiritual realities that according to Popper belong to the third world. This energy is purely creative but it really exists. Some of the creative energy that can be perceived by organs of perception is transferred from living beings into materialized world. So God may be the product of spiritual work, HE may be thought up by people. It's not important for God's contemporary existence whether God has created the man or the man has created God. As one can see through the people, the materialized world of ideas and technology, the given sequence changes nothing in the reality of their world. God as spiritually inexhaustible, creative energy once created as eternal creativity and as open system through evolution, is confirmable and existent.

Whatever has been said about the existence of God, should also be true in terms of the existence of soul that was predicted on the basis of divine qualities. In addition to that, spatially unlimited soul could show us its close connection with the world, if only we understood it as a spiritual network construct that consists of cognition, forever bound to all the participants, data, people, conditions and objects. However, this offers the conclusion that timeless and spaceless soul could not be found centered in “self”, individuality or personality taking into account the fact that according to the description of the faith, it does not occupy any space, but is represented through spaceless network connection with the help of everything cognized and recognized. On the basis of the impact, according to “self” and individuality this connection network called “soul” could be intuitively recognizable, at best (the same way as gravitation force, which cannot be measured – only determined and proved on the basis of our impact on the object). “Connecting construct Soul” (or cosmoran in 4D) could, in accordance

with this model, present new quality or sphere of cognition of evolution that could amplify and contribute to the development of genetic programming for creativity, vision and intuition of the living beings. Old soul, as the “self-centered”, contemporary cognition network that in the community of souls represents evolutionary reservoir and social network and by means of quantum computer could be used by the living conjoints (see also: Cults of the Dead of various peoples) for their own future development? Morphogenetic, spiritual fields of Rupert Sheldrake that come from the spiritual transfers within the boundaries of the species to speed up the decision and evolution and from the assumption of the preservation of the species (see also www.sheldrake.org and EPR, experiment of Einstein-Podolsky-Rosen from the physics of elementary particles) that timeless transfer of information and informational connection, as well as close connection of united electrons (that nevertheless could be divided by any distance and united with the help of common cognitions) that together would make a spin of electron 0, prove the properties that are related to the soul and point to the direction of these thoughts (see also “Fourth Dimension” by Dieter W. Liedtke, 1987). If we proceed with the thought and connect it with the fact that everything changes, has “conscience”, “self”, and possesses creativity, then not only the people, but animals and plants, matter, energy, space, time, gravitation and even Nothing have evolutionary potential and social network, “open soul system” under the concept that has been known to us for centuries: “soul”. I seem to understand that the old notion of soul and the new name of cosmoran show one and the same condition.

Do we consider recognizable the parts of these connections by the laws of nature (here one could find the proof that the hitherto unknown laws of nature could be created in the universe with changed first conditions, that the laws of nature in the open systems of first relationship and systems of cognition are formed only if universes are formed)? Consequently, laws of nature should be equaled to the connections of the souls. Can the known forms of life, matter and energy be a manifestation of soul/souls or open systems of souls that contribute to the visible expansion of the Universe with the help of their creative expansion? Could these considerations also explain the origin of religion and direct us into the new future? It is possible that intuitive or understood from the people and events, collected and passed knowledge led to interconnection through creative God in the “self”, self-help of a human being by personal creativity, as well as through the network of assistants “Soul” to the preserving species and structures accelerating evolution freed them (see also tales of Urchaos yuancki), philosopher’s stone, Holy Grail, and tales of persecuting “creative” who bring cognition), who were just fulfilling their genetic evolutionary task to preserve species, for example, Prometheus, Adam, Eve, Jesus or, as later Catholic Church materials against the Templars, witches and researchers, who were trying at that time to explain something and leading to the religion and God that did not contain “their own self” thus creating new intermediary and governing struc-

tures based on religion. Since in all peoples, partly independently from each other, cults of the dead and religion were created, someone speaking in favor of the fact that in the open systems of souls and gods, the roots of shamans, missionaries, religion and religious trends, as well as the roots of their future agreement, if religions would allow creativity by deciphering art and would be in agreement with the Creation, nature, and genetic programming of evolution proclaimed by evolution, to contribute to ethical and creative intelligence for humanity, or this could be understood as a requirement and God's mission to the religious leaders, great politicians of our time and each person to create the NEW WORLD.

Is there any proof of God's existence or Creation?

Within the limits of the closed system of thought, it is extremely difficult to comprehend an open, creative social system and God. And on the contrary, science in the open system can present the original proof of God's existence. Out of everything earlier described as "open system" one could draw four proof of the existence of God or Creation:

Firstly: The power of Creation, creativity is natural law and evolutionary law in the open system. It has been empirically proven by neurobiology, genetic research and behavioral research (and therefore, God).

Secondly: Wars or closed social systems, as history shows, even with the help of spiritual blocking and suppression of population, can be alive only for a limited time and again pass into the open systems, into creativity and freedom of Creation as the origin of our existence, of God. By means of our history, God becomes statistically comprehensible.

Thirdly: Non-interference of God into the affairs of this world also proves His existence, since He is present in the existence and non-existence as the open system. As natural science, or, more precisely, quantum physics shows, interference in the open system may create only closed system and so God would limit only Himself, His Creation and in the long run, He would liquidate Himself in the Universe, as well as in the fourth dimension. Each spiritual blocking of a human by a human due to the fear of the future temporarily befogs God and the open creative social system that is the NEW WORLD in peace, freedom and prosperity. If God or creative system did not exist, the closed system, something opposite to existence would be the result of it: world, evolution, existence, movement, time, space, matter, change, creativity, expanding Universe, Nothing, laws of nature and infinity would be impossible.

Fourthly: In the open system of the Universe, or in the newly emerging Universe, first experience of the emerging existence create the laws of nature. Consequently, in other or isolated separate areas of Universes, micro or macrospace would reign the altered, before unknown or new laws of nature, that the research of elementary particle physics and astrophysics, as well as endless Universe would open God to us as a proof. It is clear that human creativity is fixed in the laws of evolution; it corresponds to his personal nature, as well as the Creation. To open creativity and intelligence of humanity is the main task of God, which can be drawn for the people of all religions.

Niklas Luhmann says the following of the innovation formula
and of the power of creation in a human being:

“One could think of evolutionary achievement.
Once invented and introduced, it makes itself possible.”

The Creativity Age has already begun.

Creativity is the original and the only source of energy of nature and people that with the introduction of art formula and growth of world population becomes inexhaustible and will always produce more resources, so that all people can use it. Religions, that milliards of the faithful with creative energy supply through icons, visions as well as ideas, plans that materialized discoveries from the works of art, objects and technologies of the people for thousands of years, are accordingly to be weighed anew, are another proof of the ever-growing and developing creative force in the world. The era of creativity has begun. After a long reign of religious dogmas the religions will be renewed and will accompany people, materialization and democratization of God, of the Paradise through people, their new goal, along with their important traditional goal of development from people to God, will be to competently promote a long life and Paradise on earth, so that God or the spiritual reality of God thought up by people, as the results of the research on creativity, art and evolution show will be present in us (and all other forms of life and energy) and will accompany our brain nets on the evolutionary way through laws of nature and the advancing creativity of people to an open ethic life system. When religions renounce their claim for power, when closed systems are eliminated, they will survive in the humankind, moving to God faster and faster, and the number of the believers can grow thanks to the people versed in creativity. A new ethics in the perspective of the Paradise, the godly state of the population, will show the way to the materialization of God in us, with us.

$$\triangle = M = \triangle$$

The theory of everything = peace in the world

A person who has lost connection with his roots, who can not explain where he came from, where he is going, which makes a sense of his life, and who is HIMSELF an image of Creation, with the help of all the negative information and experience can easily be subjected to manipulation. As history shows, this can lead to the most negative results.

To the world and natural religions, as well as to the atheists, "The theory of everything" based on natural science offers the option to find, with the help of Creation and with independence, their own cognitions in other faiths and knowledge directions. I have made an attempt to create a human being with dignity as part of the spiritual image of Creation and more clear to the reader and, irrespective of religion. I also made an attempt to unite him or her with the Creator. We will know whether I was successful after the world population increases manifold, and every person would get the chance to live with dignity.

Through the understanding of creation, a scientific "world formula of everything" shall provide to both religions and atheists an opportunity to rediscover in all independence their own findings in other faiths or natural sciences.

It is a scientific and spiritual formula uniting the religions and people.

From the perspective of the (not)observers of the
observers of the observers.

$$i = M$$

or, in the Codigo Universo colours

$$\text{yellow} = \text{red} = i$$

 = i


or

 = M = i

and as observers of the observers

$$i = E = M$$

as well as transformation

 = i = E = MC^2

The World Unity-General Codigo Universo Information Theory.

When "Everything" is information and consists of the self-preserving, open initial information networks and information networks, then the natural laws, the space, the time, the dark energy and -matter, matter and antimatter, the universe, the genes and cells, the life, the evolution, the creativity, the intelligence, the me-and-us-consciousness, the feeling, the recognition, the forms of life, the human, the vision, the intuition as well as society, their freedom and ethics, health, life duration and prosperity of mankind can be shaped by information and media

My recommodation as a phylosophical und physical formula for the universe:

$$NG^* + \ln + i = i \times V^\infty + i = T, V, G = i^2 V^\infty \dots + i = i V^C = \\ E + i = i V^C \dots = M$$

Information and its dimensions-networks in the 1.D. with the 2.D. of the 3.D. and 4.D.as well as their entanglement within the event horizon

and back:

$$M \times V^\infty = i - T, V, G$$

Biologische Lebensformen

$$i V^\infty = i - T, V, G + i = T, V, G, \ln + i = E$$

$$NG + T, V, G, \ln + i = E + i = M + i = MiE = DNA + i =$$

Bio-cultural evolution + i = ethical future

*NG = Natural laws (self-and art-or legal-sustaining organization by structuring of initial information) / \ln = Information Networks (self- and art-sustaining organization of information networks or groups in accordance with natural laws dictating the evolutionary guidelines and an open future / i = information / E = Energy / the equation $i = e$ connects the Theory of Relativity with quantum mechanics by also showing that the information is the inexhaustible physical, spiritual and biological energy of a growing and connecting humanity.

The following is thus generated by the information:

Physical evolution of the universe detectable in the visible universe;

Biological and spiritual evolution of all forms of life in the universe;

Mental and ethical development of man;

Further biological evolution of man;

Further development of social systems;

Further development of religions;

Further development of states towards a world order;

and thus more information, etc.

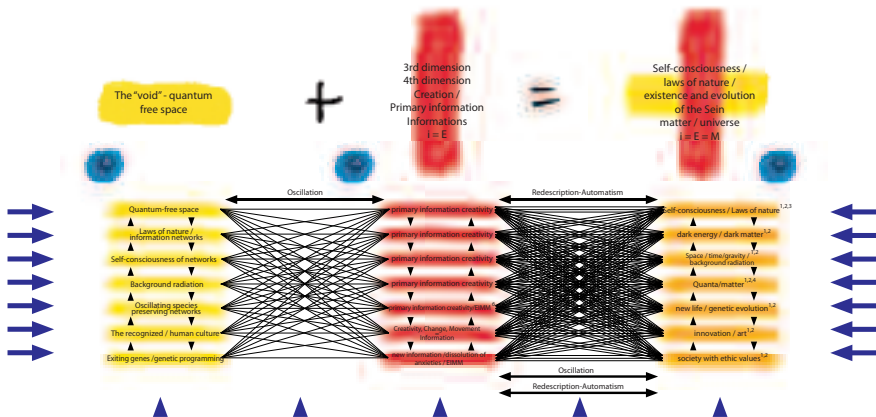
Codigo Universo

Universe + Theory of Everything (TOE)

Liedtke's exhibition concept - art open - enables the REDESCRIPTION AUTOMATISM of the exposition visitor, genes, genetic programs, cells and the extension of his neuronal cerebral inter-linkage, the species preserving information networks, laws of nature and matter.

On the one hand this evolution is enabled by the oscillation between base level and the new information and the sequences of visions; on the other hand it is depending on the knowledge and hence the observer's point of view outside the oscillation, which observes all points of view in the landscape of time and conscience simultaneously from above and within, hence timeless, three dimensionally and helically inter-linked and returns to his time with this information added to his base level with its new neuronal inter-linkages.

- 1 I-Consciousness = Type and Self-Preserving information network of the open systems
- 2 + new dimensions (No. 1 to No. 4) (for New Dimensions, see the book "Codigo Universo")
- 3 Emergence of the laws of nature and your type and self-preserving network through first in-formation
- 4 Antimatter + Black holes
- 5 + i = E = M
- 6 EIMM = epigenetic informations -medicine and -media



Redescription of the World through science

Prof. Niklas Luhmann 1996

University of Bielefeld

consultant to the art exhibition art open

"Dieter Liedtke's insights and works of art require the construction of a contemplator, namely God, for whom time as the total of all moments is the present."

The most impressive redescrptions realized in society are to be found in the copernican revolution and even more radical in the macro- and microdimensions of modern physics. This change of mind is presented as a result of scientific research which has to be accepted because it is the truth. It is not taken into account that society itself enables such researches, their publication and acceptance. The fact that research is no longer bound to be

based on a religious world theory is apparently one of the reasons. But is this a sufficient perspective for the next millennium or the continuation of the world redescrptions? Or: how can society react to the fact that science has let itself on a pragmatic choice of methods and a constructivistic

realization theory? To deliver redescrptions it is surely a part of science, which with the proposition of new solutions to problems and as well with the realization of the impossibility of solving problems changes the problems themselves. Further, one has to take mass media into account, which by means of new information can change the review of past events. Above all there is poetry to rip the past away from oblivion and present it in a form; it can be a superscribable form *alétheia* in its original meaning. How can all

this happen, if the world keeps renewing itself by decisions? Apart from the classical, redescrptions aiming at *alétheia* there are now other forms of communication which create information about decisions.

Society renews itself, the only problem is, how can communication cope, how can communication keep society informed? Surely a society which continually renews itself by decisions has to be understood as a system which creates its own insecurity. One does not know the result of the next political elections, and where the international markets money fluctuation will lead to investments, who is going to marry whom. A world having to cope with that can only be understood as a unit which realizes itself in time and continually creates a new and still open future. We do have an

isomorphosis between a selfdeciding society and a world with an open future, whose present state, whose congealed past does not determine what »is to come«.

This condition becomes apparent by a certain terminology used at present by society in order to prepare. One is talking about risks and risk calculation, or about innovation and creativity in order to already create the conditions for as many different possibilities of future development as possible. It is a form of building up confidence, and surely doing nothing and waiting would be no solution to the problem.

One has to create facts to review in order to understand what has happened by participation. It signifies that the world is no more the sum of (visible and invisible) things, it cannot be understood as »Universitas« Rerum anymore. The concept of the world changes to a correlative concept of decision, whereby the limitations of possibilities of decisions are more provided by their own history than by the world left untouched.

As a result, literature (and one could add: science) has the already mentioned function to expand the memory. Creativity is a result of the system's memories. If the world accepts decisions it will have to realize that as a result time becomes irreversible (the difference between past and future being continually renewed) by means of events, which manifest sense even if they do not have any permanence and vanish in the very moment, in which they appear. In a strict sense a historical world develops which does not take its dynamism from extraordinary powers (energy etc.), but from the instability of its basic components. This can only be a world which provides no stability anymore. The observance of the world is therefore redirected to what has happened and because it has happened as an event it cannot be changed.

This world description accentuates the future even stronger, because in its unknown it hides possibilities for which decisions can be made (or more correctly) their realization can be decided.

Art historical incidents and connections with scientific results within Dieter Liedtke's Work

Dr. Thomas Föhl

Art historian of Weimar Classics Foundation
Member of the "Direktoriums"

"Having resorted to the forgotten since Renaissance method - using art and philosophy in scientific research - Liedtke became the first artist to have achieved the highest results in art and research after nearly five centuries"

The creative work of artist Dieter W. Liedtke was in 1999 labeled "evolutionary" by the important German art periodical KUNSTZEITUNG. Having resorted to the forgotten since Renaissance method - using art and philosophy in scientific research - Liedtke became the first artist to have achieved the highest results in art and research after nearly five centuries.

Briefly after their creation, his advanced findings were documented in his works of art, books and exhibitions. New facts confirming Liedtke's findings, independently of his art and studies, are regularly discovered years after by prominent researchers in various areas of science.

In 2000 the neurobiologist Eric Kandel received the Nobel Prize for medicine; his findings were anticipated in Dieter W. Liedtke's works of art 20 years ago and documented in the book *The consciousness of the substance* (1982).

In 2006 the researchers Andrew Fire and Craig Mello received Nobel Prize for their discovery in 1998 of how information regulates genes thus confirming Dieter W. Liedtke's works of the 80-ies: genes and gene programs can be switched on and off. In his works of the 80- and 90-ies Dieter Liedtke goes on to state that even "pure", unmaterialized information, art and visions can change gene programs, genes and cells, and these changes can be positively or negatively controlled (see also books: *"The consciousness of the substance"* (1982), *"The key to art"* (1990) and *art open catalog* (2000)).

In his works with the help of art and philosophy Liedtke outlines firm, logical borders of contemporary knowledge and shows possible ways to form a new, more humane world. Arguably the most significant philosopher and sociologist of the 20th century, Prof. NIKLAS LUHMANN, Bielefeld University, 1996 expresses his opinion on the issue:

"Liedtke modifies and extends the framework of wellknown theories. His new scientific theories are at the same time both conditions and products of his own activity. One comes to think about evolutionary achievements, which, once invented and introduced, enable their existence. Extrapolating their results to the system of modern society, which can accept or reject these achievements, one sees the result of evolution."

KARL RUHRBERG, art historian (Köln) stated in 1997 that Liedtke's works of art, exhibitions and theories have repeatedly served as strong impulses for the development of art history and helped reveal its consciousness extension function. In 1983 the renowned MUSEUM OF MODERN ART, New York, claimed that Liedtke's book "The consciousness of the substance" extended the museum documentation of contemporary art, which is proved by his art and philosophy.

Mass media of different countries made about 100 reports about Liedtke's "inconvenient", setting to think works, which have been published during the last two decades and made the author known among insiders as an advanced, revolutionary artist who strives to construct positive future. Italian channel TELE 5 presented him in 1991 as a successor of artist Josef Beuys. Spanish periodical ULTIMA HORA wrote in 1996 that in Europe Dieter Walter Liedtke was considered one of the artists to connect art and philosophy better than anybody else.

Another Spanish newspaper DIARIO 16 in 1991-1993 published in its weekly supplement Liedtke's book on philosophy of art "The keys to art - what connects a cave man with Leonardo da Vinci and Josef Beuys?" that testifies the meaning of a r t o p e n formula for history of art. German weekly WELT am SONNTAG published in 1995 an article called

"Dieter Liedtke follows Leonardo ".

His perception of art as consciousness extending information with nerve networks and new genetically programmed qualities and characteristics goes far beyond the classical understanding of art and its effect on people. Well-known people like her majesty

QUEEN SOFIA of Spain with the assumption of honorary presidency, the German Minister of Labour and Social Affairs Dr NORBERT BLÜM and Nobel peace prize winner MIKHAIL GORBACHEV, patronize Dieter W. Liedtke's art formula exhibition art open thus supporting the promotion of peace formula.

The formula was devised in 1969 – 1988, with the purpose of discovery and promotion of creativity tool for all people. Since René Descartes (1596 – 1650) it's usual for western philosophers to separate the spirit from the matter so creativity is perceived as something indefinable. The science historian Professor Dr Ernst Peter Fischer writes about this: "I think that the most important discovery at the end of the two thousand years Christian era was to realize the old idea of polar extremes needed a new form. At the moment the most important task of West European culture consists in search for its own symbol of thought, which would hold the man in the world and connect him with the world. Our culture must look for it consciously, mobilizing its best, i.e. complementary forms of truth search, which are called art and science. When combined, they will disclose the humanity inherent in our culture. But this invention is still to be made. It would surely be of more importance than any other event in the past 2000 years both in the world and in the minds of people." The result of addition in the formula – the cross – is a symbol of connection between spirit and matter, man and nature, the younger and the older generation, mankind and peace, ethics and capital, employers and work-hands, government and people, nerve networks and experience; it shows the way antagonisms and hatred can be eliminated and is far more powerful than the symbol sought by Ernst Peter Fischer to represent this complementarity in West European philosophy. The cross unites natural science and art into

a single whole and opens both the spheres to the broad public, to the second Renaissance, a cross, a branching of possibilities with new genetically programmed models of life, society and future. The cross blends red and yellow colors into the orange of Buddhist monks, the Ying Yang symbol with its red and yellow basis yüanck'i (pra-chaos), thus showing a deeper level of the Universe, in which art, creativity and creative power reveal the basis for substance, energy and evolution of life. The artist proves by his graphics that a creator may be connected with his recognizable creations that can become the symbol for a new society of prosperity, freedom and peace.

Liedtke promotes with his works the development of concrete evolutionism, a creative humane society of prosperity, freedom and peace for all people.

Internationally famous museums, collectors and artists have offered numerous works of art-historical value for Liedtke's exhibition art open, in Essen, 1999.

For the first time at an exhibition art was shown in general context from the Stone Age till today, classified for visitors with the help of the art open art formula, and in the context of Liedtke's works.

By promulgation and application of his graphic formula the author wants to give an impulse for creating a new world. Liedtke: " The use of art formula can help eliminate creativity limitations. Every amoeba, every plant, every animal and every virus is creative - only the man is an exception." He thinks that the main reason for poverty, terrorism, class and race hatred and war is the reduction of the natural evolutionary gene programmed creativity of a man. That takes away from a man his dignity, makes him helpless, depressive, unconscious and aggressive. For Leo Tolstoi art is a natural and catching means of human communication through experience and art transmission can fight creativity limitations.

Count Leo Tolstoi:

*"Art is a human activity consisting in this,
that one man consciously, by means of certain
external signs, hands on to others feelings he has
lived through, and that other people are infected by
these feelings, and also experience them".*

For Nietzsche a man may himself become a work of art if he gets involved in art, moves his spiritual barrier to a larger consciousness field.

Nietzsche:

*"Now a slave is a free man, now all rigid, hostile
discrimination, misery and despotism is gone, or
<<impudent mode>> is established among people...
A man is not an artist any more; he has become a
work of art".*

Dieter Liedtke has elaborated the noble aim set by Joseph Beuys, to show the society the way to a creative humane world. Whether the politicians will follow the route, depends much on who is willing to back up the ideas and how the public reacts to the new direction.

Dr. Thomas Föhl

Information is always a gain of entropy and chaos, space, gravity, changes of velocity, energy and mass. Hence physical energy, materialized and non-materialized information (no information is the biggest possible information) is at the same time father, mother and child of information, gravity, space, energy, mass, life and its evolution as well as non-materialized information, its networks and entanglements. It is the sole energy with physically and biologically measurable effect in the universe, which - by redirection or partition (communication), conversion - does not dissolve or decrease in the information provider, but increases by means of information networking or entanglement with the recipient of information (as manifested in the information transfer within biological systems of life) and herewith in the totality of information carriers, information networks as well as information entanglements and information hubs is not only retained, but by means of potentiation develops into an infinite energy source for the universe and human kind.

In the beginning was the Word

The following is a list of the Código Universo information theories that I have developed through the creation of works of art that arose prior to the writing of this book and have been used to check the Código Universo by me and either approved or disapproved by researchers and may later, as an independent work of scientists, be extensively documented in their depth and width (see epilog for detail):

The Physical Information Theory.
The Astrophysical Information Theory.
The Gravity Information Theory.
The Evolutionary Information Theory.
The Behavioural Information Theory.
The Epigenetic and Genetic Information Theory,
The Consciousness Information Theory.
The I Information Theory.
The Will Information Theory.
The Soul Information Theory.
The Medical Information Theory.
The Biological Information Theory.
The Art Information Theory. Tthe Stonehenge Information Theory.
The Society Information Theory.
The Media Information Theory.
The Penalty Law Information Theory.
The Ethical Information Theory.
The Religion Information Theory.
The Future Information Theory.
The Information Theory of Non-Materialised Information
The Creation Information Theory.
The General Codigo Universo Information Theory.

My visions of art being confirmed and my developing and implementing new ideas, projects and ethical future being secured, I owe it all to the latest scientific results, the review of our origins and evolution from a new perspective.

To conclude the entire theory:

What now is pending is the action.

Liedtke Museum

Port d'Andratx Mallorca





Building-Sculpture in Museum Liedtke in the form of a brain

Código Universo Exhibition

The global impetus for a new ethical world is provided by two Código Universo World Art collections designed in collaboration with art historians, collectors and museums for loan exhibitions in America, Africa, Australia, Asia and Europe.

- 1 – "art open Código – Universo the evolution of art
Evolution in art decoding the arts.
- 2 – "Código Universo – The Theory of Everything (TOE)"
Decoding the Universe

art open

Codigo Universo the evolution of art



Open Eye



Artistic Eye for Beauty



Second Eye for Beauty: Dotted and Dotted, 1911



Second Eye for Beauty: Dotted and Dotted, 1911



Artistic Eye for Beauty: Dotted and Dotted, 1911



Artistic Eye for Beauty: Dotted and Dotted, 1911

Artistic Eye for Beauty: Dotted and Dotted, 1911

Artistic Eye for Beauty: Dotted and Dotted, 1911

Artistic Eye for Beauty: Dotted and Dotted, 1911

Artistic Eye for Beauty: Dotted and Dotted, 1911

Participate and order the book:

art open Código Universo

- The evolution of Art -

(Catalog world art exhibition)



Pages: 440

"The artformula as the center point of the exhibition art open fascinates not only artexperts but contains as well highly valuable informations for »Natur historians «."

Prof. Dr. Friedemann Schrenk
Hessian land museum of Darmstadt

(In preparation for the exhibition)
Not available at the moment.

*The visualisation of the Evolution of the arts across country borders and spaces of time will open up new perspectives and facilitate a new, untouched look far beyond all routine and across the borders of the usual observation of art.
Thus the permanent evolution of arts, which is beyond all cliché imagination of the so called revolution, was and is a long still continuing and in the future pointing way and could become an optical understandable experience."*

Prof. Karl Ruhrberg, Cologne 1997

Director of the Museum Ludwig (Cologne)
President of the International Association of Art Critics (German section, AICA)

Print

ISBN 978-3-945599-61-7

Participate and order the book:

art open Código Universo

- The Theory of Everything -

(Catalog world art exhibition)



Pages: 420

(In preparation for the exhibition)
Not available at the moment.

"Based on the method of conducting scientific research by means of art and philosophy, lost since the renaissance, Liedtke is the first artist after almost 5 centuries to once more achieve art and research results of the highest quality."

Dr. Thomas Föhl

Art historian and Member of the Board of the Weimar Classic Foundation Lender of a painting by Peter Paul Rubens for the art exhibition art open in 1999 in Essen

"The real work of art is Liedtke, may many surmise the inventor/artist and today's Leonardo da Vinci by means of the exhibition and even more get in contact with him directly. He is positive energy."

Prof. Dr. Harald Szeemann

Art Historian and Director of the "Documenta" (1972),
Biennale de Lyon (1997) Biennale di Venezia (1999 and 2001)

"In fact, Dieter W. Liedtke's works, which reflect his vision of art as creating abstractions, are in some way similar to the sketches and models by Leonardo da Vinci, as they recorded and represented real and important scientific findings at a time when the respective scientific disciplines were still far from them."

Dr. Jost-Hof

Cultural and communication scientist
in an expertise on Dieter Walter Liedtke's works (2005) in the book:
World Formula/published in 2007

The Theory of Everything

Código Universo

Liedtke Museo Port d'Andratx

Museo Liedtke Fundacion · Port d' Andratx · La Mola ·
Calle Olivera 35 · 07157 Mallorca · www.Liedtke-Museum.com

the a r t o p e n exposition

Queen Sofia of Spain

President of honor of the Codigo Universo worldart exposition art open 1999



Drawing series epigenetics starting 1986

Innovation:

Genetic change through insights and visions.

Title: White Genes

plastic tarp, videotape, acrylic

Ode to the future

D.W.Liedtke Art / The Formula 1993

You see her every day but don't know who she is.

You notice the bright expression of her face but remain
blind to her world-changing intuition.

She is holy, haughty and yet she must lose her virginity
to give life to new people

She evokes reverence as she impregnates us and we
impregnate her.

It is the goal of the men to come and take her
order, crown, land and honour.

We must conquer her now, but wisely.
It is no use to sing with our feet.

Not to try and conquer her now, means to kill our
children with our own hands.

She is blooming, accessible and perceived rationally,
ready to bring up wise titans.

This land for the Chosen people shouldn't die,
it would only become all-embracing so that everyone
who loves freedom, could wander there.

As the values were constantly changing,
the Nature abolished the law of death,
and they, the people, became immortal.

So were the borders between the God and the Man diminished.

Joy came to the people, as a new land appeared
in the future's horizon.

Without decrepitude, poverty and wars.
Ever-flowing and unflagging.

It appears scary for those,
who still work for the past.
Love for those, who live today in the future.

My children are thirsty and hungry,
and live as voluntary slaves, not knowing about it.
Where is the land with streams of milk and honey, Moses?

It is on the only real continent.

From where You get the power to live Your life.

It is here and still isn't here.

You don't see it but You live in it.

You can not grasp it, and still You grasp it.

When You baptize Your four children with the names
IMIE, DERGE, ALCH and DANKEN,
You will find it, I am sure.

After that take the two firstborn from these
name fields and give them a red theory rod, and so
You will learn their names.

Two of Your ancestors You have learned.
The third, a more secret, You won't see grow in the field of letters.
Only there, where the source through Your
and their creative power is born,
You can refresh Yourself.

She flows cause there is no reason for her not to flow.

Have You found the gloomier of Your relations,
the secret will become knowledge, hidden in
the dark for those who like comfort.

The short, clear stream of thoughts uncovered she for ever
from these clothes unworthy for man.

Hidden in the fog, she has always been over the Nature.

There stood she now, unusually naked, but full of worth.
Extremely powerful, but serving only the man.

Presented by God, the mind game of intuition,
four-dimensional, embracing the Universe with the finest coining,
passes with its look the consciousness of the viewer.

Changed to the backward direction
the eternal freedom for those working for the future.

For modern media Thomas as seen in the context
of genus preservance,
soiled by the yesterday with mud and dirt.

I have not known it, You will now
never be able to say any more.

And yet the only thing she longed for was the free,
man-worth Man in Man.



Dieter Walter Liedtke: born 1944

Photo 1994

Biography of Dieter Walter Liedtke

Dieter W. Liedtke, born on the 6th of July, 1944 in Essen (Germany), tries to bring art, philosophy and research to a single whole. He has developed patent for consumer goods such as, for example, the hair cutter Hairmatic, the sales of which were boosted by Franz Beckenbauer's commercials and sponsoring of football clubs "Rot-Weiß Essen" and "Schwarz-Weiß Essen" (Hairmatic 2000, produced by "Dumont-Verlag", Köln, became a successful, cult product of the 70-ies). Then Liedtke has created a date notebook, a cash register, air-filled soles shoes, a hair drier and in 1968 the audiovisual marketing system that nowadays is used world-wide.

He is idea generator for "art forum in Berlin" and "Expo 2000 in Hanover". At "forum 2004 in Barcelona" one can find ideas of his "exhibition concept" (1994) and accomplishment of "art open 1999 in Essen". His ideas deriving from his universal innovation formula: Ruhr district + art = culture area enabled Essen and Ruhr to win the competition for the culture capital of Europe of 2010.

Liedtke launched the following projects that are successfully used today both in Germany and internationally he was the originator:

"The night of open museums" – 1994

"Art card" of the museums – 1994

"Museum concert holidays art open" – 1994

Award "Zukunftspreis" ("Reward for the future") – 1994

"Mar" – concert of classical, rock, pop, techno music, 1994

"Discussing the future" – a discussion with scientists and artists – 1994

the art open exhibition of world art of 1994 at Essen

fair concept, that was held in Essen in 1999

His totally new contribution to the dialogue between nations and religions is documented in his works of art and art formula graphically, and also in the lecture "The future society" and in his books. The reaction to his "pictures", "theories", "concepts" and "concrete definition of evolution", their impact on a new peaceful and prosperous world for all people prove that he is the leading artist and philosopher of our time.

"Liedtke is a thinker and researcher whose partly intuitive, partly conscious access to insights of various humanistic and natural-scientific disciplines constitutes the inspiration for his art and his work as an author. In this way some works of art have arisen, such as paintings and collages, abstracting the complex scientific processes or conditions. So Liedtke's creative work is reminiscent of artists such as Leonardo da Vinci, who also used their interdisciplinary creativity to revoke the usual divisions between the matter and the spirit, scientific knowledge, and artistic imagination. And just like da Vinci's, Liedtke's works have identified him as a visionary, as a man who by the consequences of his thinking and acting as an artist of scientific research is not rarely moving by years ahead."

*Dr. Herbert Jost-Hof
Culture and Communication Researcher*

The intuitive research way lasting more than 40 years about art the formula in request to find.

In this large-size work the viewer the perception event of a stop sign is made clear. This stop sign – even only in the title of the picture present – perceives the house front head-on facing to him, a house front whose single things everybody come from the 20th century. It concerns rectangular, multistoried houses without every architectural decoration, around sober office buildings or business premises whose appearance reminds involuntarily of American Großstadtsilhouetten. However, the individual optical impression should not be returned here; an object, a traffic sign which is for years and decades away at the always same place has the optical experience shown here of his surroundings.



Stop sign sees house front

1969–1970

Oil on canvas

Format 149 x 98 cm

Matter has consciousness

Matter and energy exists of creativity, information and consciousness. Dieter Liedtk's model of a "world formula about everything" indicates new ways in physics. Leading world formula researchers try since 2000 a world formula model which is based on information. Quantum physics confirms the elementary particle information exchange. (see the also book: "The consciousness of the matter", in 1982 from Dieter Liedtke)

Boat sees bridge

1979

Oil on canvas

Format 60 x 49 cm

An evening scene is shown in a village in Belgium. A river pulls through this village and is spanned by a mehrbogigen bridge. Below the left bridge curve some boats on the river swim; flags blow above the columns of the bridge, an illuminated way leads to the also angeleuchteten castle in the left image border up. This is, described with scanty words, the idyllic scene which comes up to the perceiving object, a boat swimming on this river,.

The fact that information in the matter can cause reactions and feelings we in our own reactions we ourselves check there from matter or elementary particle exist. (see the also book: "The fourth dimension", in 1987)



The answer

1979

Oil on canvas

Format 60 x 49 cm

In the centre of the picture the circle, the basic form stands without beginning and end, a symbol of the infinity. This circle is surrounded by a yellow triangle whose base runs in parallel with the lower image border. The whole sign reminds of the symbol often used in the art for God, for the eye of God. "To find the answer" is a job whose solution I leave to the viewer, I must leave to him, because everybody has to find his own answer to the vital questions of the life. I can merely indicate in which direction searches would have to occur. The human evolution is directed upon an aim where it will be possible to the human mind without existing his body where he is as a pure mind always at the same time everywhere.

The picture points already in 1979 to the world formula. (see the also books: "The fourth dimension", in 1987 and "The world formula", in 2007)



The fourth dimension

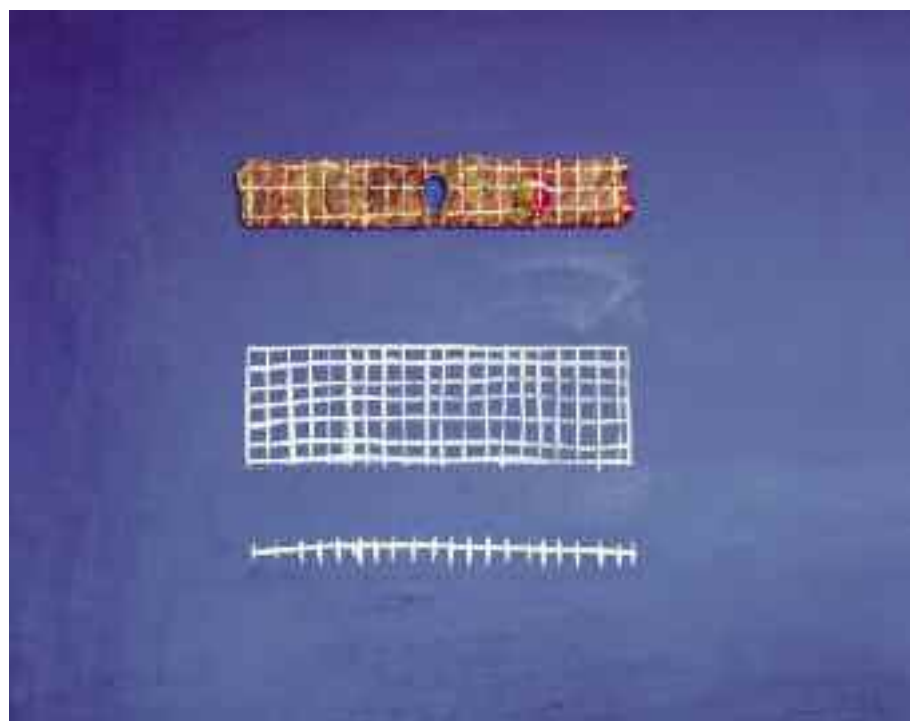
1982-1988

Chip record

Format 256 x 200 cm

If theory of relativity connects with quantum theory

The existence of the timeless level of the fourth dimension which connects the quantum theory with the theory of relativity is booked by experiments of the quantum research. (see the also books: "The fourth dimension", in 1987 and "The world formula", in 2007

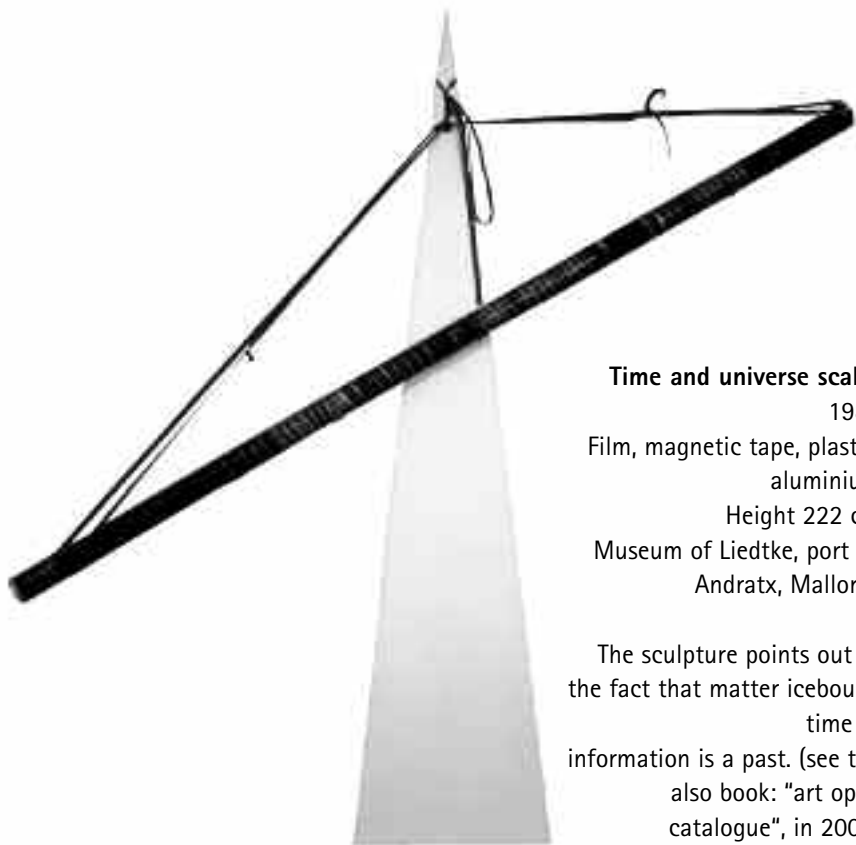


Poem:

Art comes from the future (1988)

Become human - Become conscious -
dear people - processes -
change processes -
admission of information extend - incre-
ase sensitivity - more pictures - more
information - more lives -
more freedom - to more tolerance - cre-
ativity - life - more make -
more can help, by more consciousness -
more consciousness by creativity -
do not remain stiff -
then a full stone is able not fully
become - art equally new notion -
new feelings - new pictures -
up to now not in the consciousness
stored information - new information
are not comparably -no direct access
learnable - degradation - continue -

take care - do not give up themselves -
art comes from the future -
art is a revolution of the consciousness,
is painful - changes - change -
open - art is an innovation -
art is creativity - art is Piratentum -
taking of spiritual territories without
asking others for permission -
art is a world of gangsters -
use of spiritual power for the change of
own consciousness -
art is an egoism of the fourth dimension -
imagine themselves in everything -
experience everything - find out every-
thing - be the fourth dimension -
even the world - art is God -
God is everybody



Time and universe scales

1988

Film, magnetic tape, plastic,
aluminium

Height 222 cm

Museum of Liedtke, port de
Andratx, Mallorca

The sculpture points out to
the fact that matter icebound
time or
information is a past. (see the
also book: "art open
catalogue", in 2000)

The Absolute Nihility; birth of the rooms without quanta

2006, acrylic on canvas

Format 80 x 110 cm

Galerie of Liedtke, Port d'Andratx, Mallorca

The Absolute Nihility and the birth of Kosmorane, Nothing, time, gravity and the matter.

The Absolute Nihility is a space, without time and without information, without existence and reality. It is a thought concept only as an accompanying concept of creations and new information can be thought. The standardization of physics as well as the harmonisation of the natural sciences and humanities by a graphic formula: With the introduction of the fourth dimension without quanta and without time, the matter and mind connecting creation and evolution formula as well as the Absolute Nihility in the physical sciences, in the art and philosophy the way for a standardising not only physical world theory flattened after the universe is the evolution of the life, the consciousness and the creation summarises. In the book: "The world formula" introduced formula will pave an ethical future way for a rising and ageing world population by her comprehensive and innovative sensory endowment. The world formula connects the religions, natural sciences and humanities to a many-faceted and future-opening culture, as well as the people to a humanity.



Chronology of the results in science, models and theory

- 1960–1970 Patents and utility models for hair trimmers and air cushioned shoes
- 1963 Photo and image series: The Consciousness of Matter
- 1969–1970 Theory: Sandbox model, about the connection of creativity, the evolution of consciousness and thought courses.
- 1979 – Art direction "Tangible Evolutionism"
- 1979 – Image series: Kosmoran
- 1979–1981 Art Decryption System:
- 1984 – philosophical physical theory on the forth dimension, $m^3 - t = 4d$
- 1986 Image series: From the perspective of God
- 1986 The Liedtke Museum Concept
- 1988 – Image series: "Art Formula: Life/Experience + Innovation/Creativity = Art"
- 1988 Graphic Art Formula and Exhibition
- 1989–1990 Art Marking System
- 1989 Image series: "Eternal life, DNA and Epigenetics"
- 1991 Exhibition in Italy: Images From the Perspective of God
- 1994 Evolution Exhibition Concept (Art from the Stone Age to the Present)
"art open", in which Código Universo for the first time was applied
- 1994 Opening of the Liedtke Museum in Port d'Andratx
- 1994–1999 Realization of the "Art Open" Evolutionary Art Exhibition
- 1996 Theory about the meaning of works of art in the caves of the Stone Age
- 1996 Theory about Stone Age caves pictures and Stonehenge as genetically pro
grammed places of worship
- 1996–1997 Theory of evolution in which some of his previous theories are connected to an
Evolutionary Theory of Recognition System. At this point he proves that
creativity is increased by the pictorial evidence and genes can be reprogrammed.
- 1998 Release of the Evolutionary Theory of Recognition Systems
- 10 July 1999 Opening of the "art open" in Essen, spreading across 23,000m² exhibition area,
featuring over 1,000 original works of art.
- 15 July 1999 Closure of the "art open" for political reasons
- July 1999 Publication of the Art Formula Lexicon
- 1999 Development of the Event Museum of Tangible Evolutionism to understand and
apply art and creativity
- 2000 Publication of the art open catalogue
- 2000 Development and performance of the Art Open Creativity Promoting MCST
Seminars
- 2000 Start of the Exhibition and Building Concept of the Museum of Tangible
Evolutionism
- 1992–2001 Development of the Multimedia Concepts and Products for cinema and TV, Print,
Radio, Internet and Creativity Promotion Training
- 2001 – Image series: "Peace"

2001	Conception of an art exhibition in tangible evolutionism featuring historically important works from the exhibiting countries which in terms of the Art Formula and in the context of gene-programming knowledge of works of art from the Stone Age to the present day, revealing and promoting the creativity and intelligence to the visitors by optimizing the neural networks.
2001–2004	Book: "Code Liedtke"
2002	Planning of the construction of the first museum of tangible evolutionism.
2002–2005	Book: "Prosperity Through Culture"
2004	Purchase of Zetti, an ancient chocolate manufacturing site located in Zeitz, Germany
2004–2006	Book: "The World Formula"
2004–2011	Concept development of the Innovation Factory Hotel of Zeitz, featuring the Museum of Innovation
2004–2011	Image series: "In the Beginning Was the Information"
2005	Epigenetics, Celts and Placebo
2005	"The Leonardo-Liedtke Code"
2005	"The Over-Nothingness"
2006	"The Media Code"
2006	Image series: "The Observer of the observing Observer"
2008	Development of the Global Peace Campus
2008/09	Ten patent registrations for free use
2009	Development of the Gene Clean Internet Project
2010–2011	Renovation of the Liedtke Museum
2011	Completion of the Código Universo Book
2011	Image series: Prosperity
2013	Presentation of the Código Universo Book

Planning:

2011	Development of the Código Universo Art Open Exhibition on loan as well as the Catalogue
2012/2013	Project development Global Peace Campus/Innovation Factory as well as the Gen Clean and aimeim

Epilogue

The world as a complete artwork

Fundacion Liedtke, Port d'Andratx 2014

Dieter Walter Liedtke born in 1944 in Essen, has manifested many new research results for science in his artworks. Over 30 theories, formulas, and statements have already been confirmed by researchers in publications. More are being added every year, since only the publication of new scientific paradoxes and research confirms that Dieter Liedtke's works contained the resolution of the contradictions and the pre-formulation of the research results many years in advance.

*"Based on the method of conducting scientific research by means
of art and philosophy, lost since the renaissance,
Liedtke is the first artist after almost 5 centuries to once more
achieve art and research results of the highest quality."*

Dr. Thomas Föhl

Art historian and Member of the Board of the Weimar Classic Foundation
Lender of a painting by Peter Paul Rubens for the art exhibition art open in 1999 in Essen
about Dieter Liedtke's artworks in 2 art evaluations in 2002 and 2005
Quote from the review of Dieter Walter Liedtke's works in the book: World Formula/published in 2007

The statements manifested in his works have given him the impetus to develop new theories in the science disciplines: Agency archaeology, anthropology, physics, astrophysics, philosophy, art theory, art, cultural theory, theology, evolutionary biology, neurobiology, genetics, epigenetics, medicine, sociology and social policy.

"It is the higher manner of perception which he finds important, not the detail. It is also reflected in the creative process, in the fact that he seems to be negligent and intuitive with the materials. This is a religious, metaphysical level of Dieter W. Liedtke. The fourth dimension. The viewer perceives this philosophical level by the holistic perception of his works. The natural scientist perceives it as a level of information, which may open up new approaches and theories for scientific experiments and new paths to knowledge from Liedtke's works."

Prof. Karl Ruhrberg

*Director of the Museum Ludwig (Cologne) President of the International Association of Art Critics
(German section, AICA) Counsellor of the art open art exhibition/Essen
in the art open catalogue/published in 1997*

Dieter Liedtke's work gives art a new dimension, an evolutionary, comprehensible function for the culture and overall human evolution. His work is revolutionary, and further discoveries of scientists and art historians can be expected in his artworks, especially as 11 of his concepts or sections thereof have proved to be correct through research conducted by scientists - who did not know his works - leading to Nobel Prizes in medicine, physics and Economy for he researchers. (see also following passages 2, 3, 10, 16, 17, 18, 20, 21, 23, 24, 26, 59, 64, 93 and 94)

"In fact, Dieter W. Liedtke's works, which reflect his vision of art as creating abstractions, are in some way similar to the sketches and models by Leonardo da Vinci, as they recorded and represented real and important scientific findings at a time when the respective scientific disciplines were still far from them."

Dr. Jost-Hof

*Cultural and communication scientist
in an expertise on Dieter Walter Liedtke's works (2005) in the book:
World Formula/published in 2007*

Referred to as invention artist and contemporary Leonardo da Vinci by art historian Harald Szeemann, Dieter Walter Liedtke, commissioned by Joseph Beuys, subordinated his artworks, theories and philosophy to the goal of understanding Joseph Beuys' social plastics with an initiating approach, through an art formula that can be experienced by every person and that invites us to understand art by seeing, that explains all forms of art, transforming it into cognitive as well as genetically manifested creativity and consequently in art and culture for all people, regardless of their original education level.

Harald Szeemann sums it up this way:

*"Dieter Liedtke is ideology-free positive energy,
quintessentially creative and an artwork himself.
Leonardo da Vinci has found a successor in him."*

Prof. Dr. Harald Szeemann

Art historian and director at Documenta (1972), Biennale de Lyon (1997) Biennale di Venezia (1999 and 2001) Consultant to the art open art exhibition in press conferences on the art exhibition art open in 1999 in Essen to the media representatives present at the questions:
Who is Liedtke and why is he so committed to Liedtke's art open?

who, if nothing else, with the opening of the Liedtke Museum in Port d'Andratx with the Codigo Universo exhibition and the art exhibition art open 1999 in Essen as well as the virtual work under the name "aimeim" and the transfer of the cognitive aimeim Internet concept to architecture with the design of the Globalpeace Campus has achieved a symbiosis to transfer knowledge holistically from art to society or, if you will, to implement it for the world as a complete artwork.

The General Information Theory obtained from the artworks and the Codigo Universal include following theories and statements* so far

Art Theory

Art, exhibitions and press releases or own book publications starting from 1982

- 1.) **The consciousness of the substance**
Publication in 1982, 1988, 1990, 1994,
Confirmed by scientists since 1996
- 2.) **The neurobiological evolution of man through art**
Published in 1982, 1988, 1990, 1994, 1997, 1999
Scientifically confirmed since 2000/Nobel Prize in Medicine
Global creativity enhancement through Internet program (see
Patent application document DE 102010008326 A1/2011)

*Since the theory includes every sphere of existence, it is not possible to make a sharp distinction, especially since it results in multiple denominations and reviews in the various fields of science.

3.) **Creativity and intelligence acquired through seeing and understanding**

Published in 1982, 1988, 1990, 1994, 1997, 1999

Scientifically confirmed since 2000/Nobel Prize in Medicine

Global creativity enhancement through Internet program (see

Patent application document DE 102010008326 A1/2011)

4.) **The art formula is the abolition of the laws of art**

Published in 1982, 1988, 1990, 1994,

Scientifically confirmed by art historians since 1996

Everyone can understand art Internet program

Patent application document DE 102009053336 A1 von 2011)

5.) **The Leonardo da Vinci – Liedtke Code**

Published in 1988, 1990, 1994, 1997

Scientifically confirmed by art historians since 1998

Global creativity enhancement through Internet program (see

Patent application document DE 102010008326 A1/2011)

Art

Art, exhibitions and press releases or own book publications starting from 1982

6.) **The art formula**

Published in 1982, 1988, 1990, 1994,

Scientifically confirmed by art historians and philosophers since 1996

Everyone can understand art (Internet program), see

Patent application document DE 102009053336 A1 von 2011

7.) **The decoding of all works of art by a formula**

Published in 1988, 1990, 1994, 1997

Scientifically confirmed by art historians since 1998

Everyone can understand art (Internet program), see

Patent application document DE 102009053336 A1 von 2011

8.) **The art open evolutionary art exhibition**

Published in 1988, 1994, 1999, 2000

Scientifically confirmed by art historians since 1996

Everyone can understand art (Internet program), see

Patent application document DE 102009053336 A1 von 2011

Cultural Theory

Art, exhibitions and press releases or own book publications starting from 1982

9.) **Prosperity through creativity**

Published in 1982, 1990, 1994, 1997, 1999, 2000,

Scientifically confirmed since 2002/Study of the World Bank/Paul Collier Oxford

10.) **Evolution through initiating events**

Published in 1982, 1988, 1990, 1992, 1999,

Scientifically confirmed since 2000/Nobel Prize in Medicine

11.) **The improvement of the culture of innovation in civilizations**

Published in 1990, 1994, 1997, 1999, 2005, 2007

Publicly confirmed since 2009/The EU Council and Parliament proclaimed 2009 as the "Year of creativity and innovation"

12.) **The evolution of the peoples**

Published in 1982, 1990, 2000, 2007,

Scientifically confirmed since 2002/Study of the World Bank/Paul Collier Oxford

Evolutionary Biology

Art, exhibitions and press releases or own book publications starting from 1986

13.) **Animals and plants are creative**

Published in 1986, 1988, 2000

Confirmed by scientists since 2011

Research Magazine "Ruperto Carola" University of Heidelberg December 2011

- 14.) **Darwin is only partly right**
Published in 1986, 1988, 1992, 1997, 2000, 2005, 2007, 2013
New scientific theory 2014/Scientific American May 2014
- 15.) **The new evolutionary theory of cognitive systems**
Published in 1986, 1997, 1998, 1999, 2000, 2005, 2007, 2013
New scientific theory 2014/Scientific American May 2014
- 16.) **Information changes all life forms**
Published in 1986, 1988, 1999, 2000, 2005, 2007, 2013
New scientific theory 2014/Scientific American May 2014

Neurobiology

Art, exhibitions and press releases or own book publications starting from 1979

- 17.) **The transfer of recognized creativity**
Published in 1982, 1988, 1990, 1994, 1997, 1999
confirmed by scientists since 2000/Nobel Prize in Medicine
- 18.) **Information cross-links the brain on a daily basis**
Published in 1979, 1982, 1988, 1990, 1994, 1997, 1999
confirmed by scientists since 2000/Nobel Prize in Medicine
- 19.) **Regaining brain plasticity**
Published in 1982, 1988, 1990, 1994, 1997, 1999, 2000, 2005, 2007, 2013
Scientifically confirmed since 2014/Scientific American April 2014
- 20.) **Creativity and intelligence are transferable**
Published in 1982, 1988, 1990, 1994, 1997, 1999
confirmed by scientists since 2000/Nobel Prize in Medicine

Genetics

Art, exhibitions and press releases or own book publications starting from 1982

- 21.) Genetic programs restructure the genes permanently
Published in 1986, 1988, 1990, 1994, 1997, 1999, 2000, 2005, 2007,
Scientifically confirmed since 2013/Nobel Prize in Medicine
- 22.) Unlimited life is possible
Published in 1982, 1990, 1991, 1992, 1993,
Confirmed by scientists since 1999/Research: Jellyfish *Turritopsis nutricula*
- 23.) Genes without programs and information processing
are not viable
Published in 1988, 1991, 1992, 1993,
Scientifically confirmed since 2006/Nobel Prize in Medicine
- 24.) The white or switched-off genes and genetic program
areas
Published in 1982, 1988, 1992, 2005, 2007, 2009,
Scientifically confirmed since 2013/Nobel Prize in Medicine
- 25.) The biological human hardware: the genes
Published in 1988, 1992, 1993, 1997,
Confirmed by scientists since 2000/Research Craig Venter

Epigenetics and new genetic program interfaces

Art, exhibitions and press releases or own book publications starting from 1979

- 26.) Information changes our genes and genetic programs
on a daily basis
Published in 1982, 1988, 1990, 1997, 2000, 2007
scientifically confirmed since 2013/Nobel Prize in Medicine
- 27.) The information poison of the cells: Nocebo
Published in 1979, 1982, 2000
scientifically confirmed since 2002/Science Magazine PubMed February 2002
New York Times report; Trend 2014 in the USA -Warning of harmful media with
negative information confirm Dieter Liedtke's Media Code – published in 2007
in: World Formula

- 28.) **Placebo, the slightly effective information medicine for healing**
Published in 1979, 1982, 1988, 1990, 1997, 1999, 2000.
Scientifically confirmed since 2001/Science Magazine Science 2001.
- 29.) **The rejuvenation of the cells – The eternal fountain of youth**
Published in 1991, 1993, 1997, 2013, 2014,
scientifically confirmed since 2014/Scientific American April 2014.
- 30.) **Information theory of non-materialized information for new genetic program interfaces**
Published in 1986, 1988.1997, 2013, 2014,
Scientifically confirmed by permanently living animals such as the jellyfish Turritopsis nutricula and Hydra.

Medicine

Art, exhibitions and press releases or own book publications starting from 1979

New ways of healing and cell rejuvenation through information

- 31.) **The correlation of addiction, depression, media and society models as well as supporting the healing of mind and body.**
Published in 1979, 1982, 1988, 2005, 2007, 2011, 2014.
Patent application document DE 102010008328 A1/Internet anti-addiction program 2011.
New York Times report: Trend 2014 in the USA –Warning of harmful media with negative information confirm Dieter Liedtke's Media Code – published in 2007 in: World Formula.
- 32.) **Health care and healing through information**
Published in 1979, 1982, 1988, 2005.2007, 2011, 2013, 2014
Patent application document DE 192010008327A1/Media search engine /2011
Patent application document DE 102010008327A1/Gene-cell purification program /2011.
New York Times report: Trend 2014 in the USA –Warning of harmful media with negative information confirm Dieter Liedtke's Media Code – published in 2007 in: World Formula.

33.) The Media Code

Published in 1979, 1982, 1988, 2005, 2007, 2011, 2013, 2014

Patent application document DE 192010008327A1/Media search engine /2011

Patent application document DE 102010008327A1/Gene-cell purification program/2011.

New York Times report; Trend 2014 in the USA –Warning of harmful media with negative information confirm Dieter Liedtke's Media Code – published in 2007 in: World Formula.

34.) The rejuvenation of the cells with new personalized genetic program interfaces for information

Published in 1988, 1997, 2011, 2013, 2014.

Patent application document DE 102010008329 A/Rejuvenation of body cells/2011

Scientifically confirmed by permanently living animals such as the jellyfish

Turritopsis nutricula and Hydra since 1999, scientifically confirmed since 2014/Scientific American April 2014.

Agency Archaeology, Anthropology

Art, exhibitions and press releases or own book publications starting from 1998

The lost medical knowledge of our ancestors

35.) Stone-Age painting caves /Medical and ritual centre

About 30,000 to 12,000 years ago /Fire light information rituals in symbiosis with natural medicine.

Published in 1998, 1999, 2000, 2005, 2007, 2013, 2014.

36.) The "Potbelly Hill" in Tepe Göbekli (Turkey) medical and ritual centre

About 11,000 to 9,000 years ago /Fire and sunlight, moonlight information rituals in symbiosis with natural medicine.

Published in 2013, 2014.

37.) The excavations in Jericho /Medical and ritual centre

About 9,000 to 7,000 years ago /Fire light information rituals in symbiosis with natural medicine.

Published in 2013, 2014.

38.) The circular ditch enclosures in Europe /Medical and ritual centre

(2 times a year), for example Goseck approx. 7,000 to 3,000 years ago / sunlight, moonlight, starlight information rituals in symbiosis with natural medicine.
Published in 2007, 2013, 2014.

39.) Stonehenge / Medical and ritual centre at any time

Built some 7,000 years ago in timber (see circular ditch enclosure Goseck) modernized about 5,100 years ago and converted into a stone structure with extended function so that the sunlight, moonlight, starlight information rituals in symbiosis with natural medicine could be held all year round.

Published in 1998, 1999, 2000,

scientifically confirmed as medical and ritual centre since 2004.

40.) The Nebra sky disc /Travel, medical and ritual altar

Approx. 4,000 to 3,600 years old /for regional mobile sunlight, moonlight, starlight

information rituals in symbiosis with natural medicine and to get access to immortality after the solar barque was added to the Nebra disc about 3,600 years ago.

Published in 2007, 2013, 2014.

41.) The pyramids all over the world /Medical and Eternal Life centre for the ruler and ritual centre for rulers and people

From the time in which the pyramids had openings to the sky (the first pyramid was built about 4,650 years ago).

Published in 2007, 2013, 2014.

42.) The Nazca Lines /Medical and ritual centre

(As of) some 2,800 to 2,200 years ago as ritual paths /geoglyphs for fertility and rain.

Confirmed by scientists in 2004)2009 (Wikipedia)

In addition, other main interpretation of the ritual paths for the population and for the individual via fire, sun, stars, and moon-backlit rituals with altar for insight and health promotion/in symbiosis with natural medicine.

Published in 2014

Physics Astrophysics

Art, exhibitions and press releases or own book publications starting from 1963
Many science concepts in physics and astrophysics had to be redefined by Dieter Liedtke in order to form a symbiosis – mutually confirmatory from all viewing angles – for the empirical models of man, the natural sciences, their laws, and using the new theories of his artworks, art in general and its evolution as well as the development of life and man, and simultaneously resolve old and emerging scientific paradoxes.

43.) Time

New definition with the resolution of the time paradox.

Published in 1969, 1982, 1987, 1988, 1994, 2007, 2013, 2014,

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

44.) Space

New definition with the resolution of the space paradox.

Published in 1969, 1979, 1982, 1987, 1994, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories,

the ERP experiment and the proton paradox for the new explanatory model of physics.

45.) Energy

New definition with the resolution of the energy paradox.

Published in 1979, 1982, 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories,

the ERP experiment and the proton paradox for the new explanatory model of physics.

46.) Matter

New definition with the resolution of the matter paradox

Published in 1963, 1979, 1982, 1987, 2007, 2013, 2014

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories,

the ERP experiment and the proton paradox for the new explanatory model of physics

47.) Motion

New definition with the resolution of the motion paradox.

Published in 1969, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

48.) Initiating events

New definition with the resolution of the initiating event paradox.

Published in 1969, 1982, 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

49.) Gravitation

New definition with the resolution of the gravitational paradox.

Published in 1982, 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

50.) The new 1st dimension

New definition with the resolution of the dimensional paradox.

Published in 2005, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

51.) The new 4th dimension

New definition with the resolution of the space/time paradox.

Published in 1982, 1987, 1994, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

52.) The Universe has 5 dimensions in a new order

New definition with the resolution of the many-worlds paradox.

Published in 1982, 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

53.) The proton paradox

Scientifically recognized in 2014 /Scientific American April.

New definition with the resolution of the proton paradox.

Published in 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

54.) Dark matter

New definition with the resolution of the matter paradox.

Announced and published in 1982 other publications in 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

55.) Dark energy

New definition with the resolution of the dark energy paradox.

Announced and published in 1982,
other publications in 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

56.) Black holes as spatial limitations

New definition and the resolution of the information paradox.

Published in 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

57.) Halos

New definition with the resolution of the halo paradox.

Announced and published in 1982,
other publications in 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

58.) The background radiation is irregular and without direction of explosion

New definition with the resolution of the background radiation paradox.

Announced and published in 1982,
other publications in 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

59.) The Universe

New definition with the resolution of the expanding Universe paradox.

Published in 1982, 1987, 2007.

Scientifically confirmed since 2011/Nobel Prize in Physics.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

60.) The Big Bang

New definition with the resolution of the Big Bang paradox.

Published in 1982, 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

61.) The laws of nature

New definition with the resolution of the Universe paradox

Published in 2005, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

62.) The infinity

New definition with the resolution of the infinity paradox.

Published in 1982, 1987, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

63.) Is there Creation?

New definition with the resolution of the paradox of Creation.

Published in 2005, 2007, 2013, 2014.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

- 64.) **Information – the basic building block of matter**
New definition with the resolution of the information paradox.
Published in 1982, 1987, 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.
- 65.) **Information networks**
New definition with the resolution of the information paradox.
Published in 1982, 1987, 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.
- 66.) **Quantum mechanics**
New definition with the resolution of the quantum mechanical paradox.
Published in 1987, 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.
- 67.) **The theory of relativity**
New definition with the resolution of the relativity paradox.
Published in 1987, 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.
- 68.) **Combining theory of relativity and quantum mechanics**
New definition with the resolution of the incompatibility paradox.
Published in 1987, 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

- 69.) **The standardized formula of physics**
New definition with the resolution of the formula paradox.
Published in 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.
- 70.) **The Theory of Everything (TOE)**
New definition with the resolution of the biology paradox.
Published in 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.
- 71.) **The graphical Codigo Universo**
New definition with the resolution of the paradox of old concepts.
Published in 1988, 2007, 2013, 2014.
Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

Philosophy

Art, exhibitions and press releases or own book publications starting from 1963

The arrangement of the new world in the philosophy

- 72.) **The consciousness**
Published in 1963, 1982, 1990, 1994, 1997, 1999, 2000, 2005, 2007, 2013, 2014.
- 73.) **The creativity**
Published in 1982, 1990, 1994, 1997, 1999, 2000, 2005, 2007, 2013, 2014.
- 74.) **God as a connecting formula in the world**
Published in 2007, 2013, 2014.

- 75.) **Information travels infinitely fast**
Published in 1982, 1987, 2013, 2014
- 76.) **The new human being**
Published in 1982, 1990, 2000, 2007, 2013, 2014
- 77.) **Matter is information**
Published in 1963, 1979, 1982, 1987, 2007, 2013, 2014
- 78.) **Plants and their evolution**
Published in 1986, 2000
- 79.) **Animals with visionary power**
Published in 1986, 2000
- 80.) **The Supernothing**
Published in 2005, 2007, 2013, 2014
- 81.) **The free will**
Published in 2005, 2007, 2013, 2014
- 82.) **The Basic Sense of life**
Published in 2007, 2013, 2014
- 83.) **The symbiosis between materialism and idealism**
Published in 1982, 1994, 1997, 2000, 2005, 2007, 2013, 2014

Theology

Art, exhibitions and press releases or own book publications starting from 1979

The evolution of religions

84.) Scientific evidences of God

Published in 2005, 2007, 2013, 2014

85.) The formula for Creation

Published in 2007, 2013, 2014

86.) The formula of the negative evidence of Creation

Published in 2007, 2013, 2014

87.) The delimitation of God by man

Published in 2014

88.) The knowers of Creation

Published in 2007, 2013, 2014

89.) The spirit hall of religions

Published in 2010, 2013, 2014

90.) The peace formula of religions

Published in 2014

91.) The constitution of the religions

Published in 2013, 2014

92.) The peace treaty with God

Published in 2014

Social Policy/Sociology

Art, exhibitions and press releases or own book publications starting from 1982

A new world

93.) The evolution of social systems

Published in 1982, 1990, 2005, 2006, 2007, 2013, 2014.

94.) The formula for the evolution of society

Published in 1982, 1990, 2005, 2006, 2007, 2013, 2014.

95.) The media information theory

Published in 2007, 2013, 2014.

96.) The penal law information theory

Published in 2013, 2014.

97.) The ethical capitalism

Published in 2013, 2014.

The theories developed by Dieter Liedtke from his artworks, for a universe in which creativity or information is a scientific and philosophical magnitude, have led him to a unified formula of the world with its biological life forms that impresses with its clarity and elegance.

Natural sciences and scientists will reveal through further research whether this formula describes the world as it is, or is the attempt of an artist to experience the world anew. That much is clear: It is a training model for the brain, which dissolves fear of the future and invites to scientific discussions, researches, philosophizing and to new theological considerations, even if not all theories will be scientifically confirmed in the near future.

The formula itself is an artwork of the highest quality, a graphic sign of a second global renaissance, understandable to all people, which can initiate a paradigm shift in sciences, societies and religions and thus mentally prepare the social and political systems for the positive possibilities of the future and accompany them.

The implementation of the research results for a new society

Art as a means of transport

Art, exhibitions and press releases or own book publications starting from 1963.

Visual arts

Artworks and exhibitions from 1963 onwards.

Architecture and Buildings Liedtke Museum

From the air the building has the shape of a brain

Opening in 1994.

Books and catalogues:

The consciousness of matter

Published in 1982.

The fourth dimension

Published in 1987.

The key to art

Published in 1990.

art formula encyclopaedia

Published in 1999.

art open world art exhibition

Published in 2000.

Code Liedtke – art open closed –

Published in 2005.

Prosperity through culture

Published in 2006.

World Formula

Published in 2007.

Codigo Universo – The hyper code –

Published in 2013.

Dieter Walter Liedtke – Research through art –
Codigo Universo Exhibition
Published in 2014.

The Genpiano aimeim – Anyone can rejuvenate –
Published in 2014.

The Leonardo da Vinci – Liedtke Code – Research through art –
Published in 2014.

Cain's repentancel – The ethical capitalism – Globalpeace
Published in 2014.

Seeing and understanding art – The key to art – art formula
Published in 2014

Life + Creativity = Quality of life
– The Codigo Universo ABC Seminars –
Published in 2014.

Letter boxes – Poems and quotes on art –
Published in 1988, 1993, 1994, 2000, 2007, 2013, 2014.

The information universe – A revolutionary theory –
Information = Energy = Matter ($i = E = MC^2$)
Published in 2007, 2013, 2014.

To conclude all the theory: Now is the time for action

Seminars

Life + Creativity = Quality of life – Codigo Universo ABC Seminars –
Publication and hosting since 2000 at the Liedtke Museum Port d'Andratx.

Three art exhibitions in museums

1. codigo universo art open $I = E = MC^2$
Permanent exhibition at the Liedtke Museum in Port d'Andratx (Mallorca)

Travelling exhibitions

The following two codigo universo art open exhibitions have been developed by Dieter Walter Liedtke in cooperation with internationally operating art historians, collectors, museums and art lenders for travelling exhibitions in the Americas, Africa, Australia, Asia and Europe and can be the impetus for a globally innovative, open new ethical world and transfer the power of creativity physically to the visitor of the codigo universo art open exhibitions and through the media to the population.

2. art open Codigo – Universo the evolution of art –
The evolution of art unravels the arts
3. Codigo Universo – art open – The Theory of Everything ($i = M$) –
Decoding the Universe
(first loan exhibition in 2016 in Germany)

Architecture and Buildings:

1. Liedtke Museum Port d'Andratx
2. Globalpeace Campus currently being planned
The peace building for all religions and complete artwork 100% renewable energy – Self-sufficiency / Planning and land acquisition by 2017.

Internet and Media:

1. The Social Network aimeim.info
The Internet portal for free cellular rejuvenation as well as for gene purification and healing for all people
Start of programming 2014
Start of the Internet presentation 2015
Completion 2017–20
2. Movie "Cain's Repentance"
The scientific documentary and fiction film: "Cain's Repentance" Part I and Part II shows how all people can live in peace, freedom, prosperity and health in ethical capitalism on the future.

Prof. Dr. Manfred Schrey

Analisis

on the General Theory of Information for combining the theory of relativity with quantum mechanics
by the artist Dieter Walter Liedtke

Preamble

The purpose of this report is not to make an assessment on the research methods of the inventor-artist Dieter Liedtke or to take a position in any other way on how he comes to his results. The point is rather, in my capacity as a professor of physics, to check the consistency of the "Unified Theory of Information" developed by Dieter Liedtke under the premises he postulated of the physical origin of information, space, time, gravitation, energy, matter and the universe and give a brief summary description of this theory.

To get closer to the research conducted by Dieter Liedtke, his thinking and his innovations, at this point I first resort to a different area, art, whose core feature is innovation. I do this with respect for science and art, but especially for the probably most notorious physicist of the twentieth century, Albert Einstein, who wrote the following about the relationship between the two disciplines: "Where the world ceases to be the scene of our personal hopes and wishes, where we face it as free beings admiring, asking and observing, there we enter the realm of Art and Science. If what is seen and experienced is portrayed in the language of logic, we are engaged in science. If it is communicated through forms whose connections are not accessible to the conscious mind but are recognized intuitively as meaningful, then we are engaged in art."

Here are the words of art historian Karl Ruhrberg¹ about Dieter Liedtke's works: "It is the higher manner of perception which he finds important, not the detail. It is also reflected in the creative process, in the fact that he seems to be negligent and intuitive with the materials. This is the religious, metaphysical, timeless level of Dieter W. Liedtke.

The fourth dimension. The viewer perceives this philosophical level by the holistic perception of his works. The natural scientist perceives it as a level of information that on the basis of Liedtke's works may provide new approaches and theories for scientific

experiments and new paths to knowledge".

The Swiss curator Harald Szeemann² compares him with the greatest and most innovative artist of the Renaissance:

"Dieter Liedtke is ideology-free positive energy, through and through creative and himself an artwork. Leonardo da Vinci has found a successor in him."

With Dieter Liedtke, the person can not be separated from the work, even to a lesser extent than with other artists, since he is not only active as an artist but also as a researcher and inventor/creator, and his artworks play a vital role as a means of communication and reflection that he uses to describe and to depict, to record impulses as well as to present his complex ideas. It is therefore appropriate first to dedicate a few sentences to his person.

I know Dieter Liedtke as an artist and inventor of the art formula and as curator of the "art open" art exhibition since 1996.

Based on the topics chosen by my students for their theses, I have come even closer to his work. Here we should specifically mention a project in which the aim was to create a CD-ROM program with Dieter Walter Liedtke's art formula in order to decrypt the works of art history through the visual representation of the innovations represented therein and thus show the evolution in art for the first time for all people with a software program.

This project is based on the art formula developed by Liedtke, which was also the key element taken as a basis for the art exhibition "art open".

In addition, in 1999 I myself took part in the "art open" art exhibition "The innovations and the evolution in art from the Stone Age to the present day" in Essen, where he was presenting his revolutionary formula to the population, with a presentation of my own.

Dieter W. Liedtke's work gives art a new dimension, an evolutionary, comprehensible function for the culture, the innovations and human evolution in general.

The art of Leonardo da Vinci and his achievements as an inventor are widely known to me. The examination of Dieter Liedtke's innovations as an artist and inventor and

of the comparison with Leonardo da Vinci required several years of conscientious analysis of Liedtke's works, scientific theories and inventions, a task to which I have devoted myself since 1996,

accompanied by intensive personal conversations with Dieter Liedtke about his art, his inventions and research results in physics. Inventions and art accompany Dieter Liedtke since the early 60s of the last century. At that time he photographed and painted; he also opened an office for "Inventions on request" in Essen. So he invented, for example, many household appliances, POS systems and audiovisual advertising systems that were implemented by him or sold as patent application. With some, such as the data bracelet that anticipated the development by decades, which is why he did not further pursue it, he was ahead of his time.

After 1999, I have repeatedly dealt with his technical inventions and analysed their potential for implementation, and I am surprised by the revolutionary solutions he suggested. For example, the generation of renewable energy by the air stream on motorways and rail roads by means of vertical wind rollers with noise reduction for local residents close to the tracks and direct energy savings in vehicles by the suction effect in the lee of the rolls, or the social network "aimeim" for free cell rejuvenation on the Internet through information.

Thus Dieter Liedtke also draws a new image of physics and biology, reveals a different conception of matter and DNA. His approach to this and to the origin of the entire universe is information.

With his formula, which combines the quantum theory with the theory of relativity and contains the law of conservation of information, Dieter Liedtke vividly turns existing scientific theories upside down in his artworks, providing revolutionary theories in physics and astrophysics, the understanding of a new concept of the universe.

If I have understood him correctly – and that's not always easy – he has developed his theory so that the information is incorporated in natural sciences as a physical variable. For him, there are two sides to information, like quantum mechanics: on the one hand, it is not subject to space, matter, or time, that is, it exists simultaneously and everywhere, on the other hand, it is manifested in energy or matter. By introducing the distinction of information and the physical categorization of this strict separation and based on the idea that both forms of information merge into information clusters, information families or, as he also calls them, "self-sustaining information networks"

- and in this context he assumes that these two forms of information are interrelated by entanglements - it seems that in his theory he has managed to extend Albert Einstein's equation: $E = MC^2$ into: $i = E = MC^2$ (i = information)

In this theory, the information is converted by the entanglements and the growing information networks into space, gravitation, energy and matter.

In its simultaneity and its ability to be anywhere, in its speed by its self-sustaining qualities oriented to the growth of the information networks (similar to the genes and the DNA in biology), the information is integrated and decelerated in the information family.

Through the endless stream of information in the universe, the information evolves into waves - information networks that constantly densify with additional information and decelerate as they densify.

As information continuously evolves into physically measurable background radiation (which can lead to the measurable inference that the already measured irregularities in the background radiation are proof of the growth of information in the universe) these condensations of network and cluster information become elementary particles with possible entanglements with non-materialized information and information networks (see Einstein-Rosen-Podolsky EXPERIMENT whose results indicate that the information in the universe is exchanging and building information networks without delay) that make up a holistic universe.

The abbreviated formula for his revolutionary theory of the universe:

$$i = E = MC^2 \text{ or } i = M$$

The path to his new theories on information as a physical variable led to the "law of conservation of information" long sought by science; intermediate stations were, among others, his interpretation of the creation process, which he painted under the title "Supernothing" and revealed in his theses for physics, and also his intuitive reinterpretations of known scientific terms such as "time", "space", "gravitation", "black holes", "dark matter", "dark energy", "background radiation", "Big Bang", "mass" and "energy".

Based on his intuitive/philosophical/artistic findings repeatedly illustrated in his

works, he has been able to resolve paradoxes that have been troubling science in the last hundred years. His theses have been repeatedly confirmed by scientific research. Dieter Liedtke assumes that, in the future, all the contradictions scientifically researched according to the old theories (which occur outside the combination of the theory of relativity and quantum mechanics) may be explained by information with his "Unified theory of the origin of energy in the universe".

With reference to this procedure of research through art, the philosopher Niklas Luhmann³ said:

"Liedtke modifies and extends the scope of well-known theories. His new scientific theories are both condition and product of their own activity. His formula is an evolutionary achievement. Once invented and introduced, it becomes viable by itself."

Outcome of the analysis

The theory of the Unified Information is logical and understandable, but the way in which Dieter Liedtke obtains these results can not be explained with the classical research methods and is not empirically understandable, because carrying out scientific research and developing new theories through representation in works of art, presenting the research results to the public as artworks in museums and art exhibitions, is a novelty in every way.

But his theories and research results are revolutionary, not only in art but also in natural sciences and humanities, and under the premises established by him they draw the new picture of a universe without mysteries.

For the first time in art history, statements expressed in Dieter Liedtke's artworks and theories have been acknowledged decades after their creation and publication as research results through research carried out by scientists with no previous knowledge of his artworks; the researchers in question were awarded 15 Nobel prizes in the fields of "medicine", "physics" and "economy". So far, with the contents of his works Liedtke has anticipated two Nobel Prizes in physics.

a. The evolution of the universe

In exhibitions and in his book 'The consciousness of matter' of 1982, Liedtke represents his artworks from the 70s in images that have their own consciousness as information and induce in the form of expanding spirals as "Kosmoran" the expansion of the universe through new information; in this process, through entanglements of

information with energy and matter, the increasing awareness of the "Kosmoran" leads to the generation of space, whereby the universe expands.

The universe and its expansion New definition with the resolution of the expanding universe paradox Published in 1982, 1987, 2007.

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

The supernothing

The Supernothing represents cracks in space, through which space, time, energy and mass enter the universe in a one-dimensional and bidimensional way as information and as energy; it is an imaginary state that can be understood only as an accompanying concept of creations or new information.

The Supernothing and the birth of Kosmorans, nothingness, time, gravitation and matter.

The Supernothing is spaceless, timeless and free of information, without existence or reality. Again, this is an imaginary concept that only makes sense in the context of creations and new information.

Saul Perlmutter, Brian P. Schmidt and Adam Riess shared the 2011 Nobel Prize in Physics for the discovery of the accelerating expansion of the universe through observations of distant supernovae.

b. The formation of mass

In his works of the years 1970–2006 Liedtke publishes in exhibitions and in his books "The consciousness of matter" and "World Formula" of 2007 the thesis that energy and matter are formed by information mergers and thus form in the Kosmoran the origin of mass and gravitation in the elementary particles and in the universe.

Information and information networks – the basic building block of matter. New definition with the resolution of the information paradox.

Published in 1982, 1987, 2007

Scientific confirmation of the new definition by the general theory of relativity, quantum mechanics, the connection of these two theories, the ERP experiment and the proton paradox for the new explanatory model of physics.

Scientifically confirmed since 2013/Nobel Prize in Physics.

Liedtke also examines the question of how to combine both the Higgs boson, energy and any matter as well as the theory of relativity and quantum mechanics.

After his painting 'The 4th Dimension' from 1982 to 1988 he developed the formula of innovation and a new 4th dimension.

In his exhibitions as from 1988, 1989 and 1999 in Essen and in his book "art open" of 2000 he presented this theory as well as the corresponding artworks as its manifestation.

this results in $i = E = MC^2$

His recommended philosophical and physical formula for the universe is:

$LN^* + IN + i = i \times V \infty + i = T, V, G = i^2 V \infty \dots + i = iV c =$

$E + i = iV c \dots = M$

Information and its dimensional interconnections in the 1st dimension with the 2nd, the 3rd and 4th dimension as well as their entanglements in the event horizon.

- LN = laws of nature (self-sustaining and species- or law-preserving organization by structuring of the initial information)
- IN = information networks (self-sustaining and species-preserving organization of information networks or clusters in accordance with the laws of nature that dictate the evolution guidelines and an open future) / i = information / E = energy / The equation $i = E$ combines the theory of relativity with quantum mechanics.

The unity of the world – The General Information Theory –

If "everything" is information and consists of open and self-sustaining initial networks and information networks, then the laws of nature, space, time, dark energy and dark matter, matter and antimatter, the universe, genes and cells, life, evolution, creativity, intelligence, the 'I' and 'We' consciousness, the feeling, the knowledge, the forms of life, man, the vision, the intuition and the society as well as its freedom and ethics, health, life expectancy and prosperity of people can be defined by information and its media.

The Nobel Prize in Physics 2013 was awarded jointly to Peter Higgs and François Englert for the theoretical discovery of a mechanism that contributes to our under-

standing of the origin of mass of subatomic particles, which recently was confirmed through the discovery of the predicted fundamental particle by the ATLAS and CMS experiments at CERN's Large Hadron Collider.

The works and theses of Liedtke are proactive, so that more discoveries of scientists and art historians can be expected in the works.

I can not predict which of his new physical theories will be confirmed in the near future, because this requires additional research results in the fields of physics, astrophysics and information, but I assume that in the future researchers in quantum physics will attach a new, theoretically and physically justified importance to information for the origin of the universe and that also Dieter Liedtke, in Harald Szeemann's words, as an "inventor artist", has anticipated research in physics by decades in his artworks.

The way he gains new knowledge and builds new theories in physics through the intuitive creation of his artworks remains a mystery.

I have written this report on the theories in physics of Dieter Liedtke in good faith, by consulting his books and patent applications, as a participant in the "art open art exhibition of innovations" and by thoroughly studying his artworks.

Certificate of Art

Dr. Herbert Jost-Hof

Culture and Communication Researcher

"In this way some works of art have arisen, such as paintings and collages, abstracting the complex scientific processes or conditions. So Liedtke's creative work is reminiscent of artists such as Leonardo da Vinci, who also used their interdisciplinary creativity to revoke the usual divisions between the matter and the spirit, scientific knowledge, and artistic imagination. And just like da Vinci's, Liedtke's works have identified him as a visionary, as a man who by the consequences of his thinking and acting as an artist of scientific research is not rarely moving by years ahead".

On the development and significance of the works of art by Dieter Walter Liedtke, their art historical context and the resulting intellectual history and material value.

1 Introduction

For me as a cultural and communication scientist, the spiritual work of Dieter W. Liedtke, which finds expression in his paintings, sculptures and writings is very interesting and valuable. Among others, it provides access to the creative potential of every individual and thus to an exchange of ideas that cannot only lead our culture, but the entire humanity towards an overall more peaceful and more prosperous future.

Since I first met Dieter W. Liedtke in person at a press conference in early 2005, I have been working intensely on his thoughts and works derived therefrom. As a consequence, I have been several times invited to Liedtke's private viewings as a presenter. On these occasions, I have always noticed how directly and intensely his words and images affect people, whether visitors or press representatives contributing appropriately to the public response. I am writing this expert certificate with great respect for Dieter W. Liedtke and his work, bearing in mind that for the good of all, every opportunity should be used to make his findings as quickly and comprehensively available to the public.

As I am aware of the fact that this will not remain without consequences on certain

art market-related phenomena and thus not only the spiritual but also the material value of his work plays an important role here, I shall also express myself on this subject, though I am no art historian myself. At this point I join among others the art valuation reports of an expert, Director of the Art Collection of Weimar, Dr. Thomas Föhl whose expertise from the years 2001 and 2002, as well as an addendum thereto of 2005 are available to me, and which allow me to make some conclusions.

The following comments pertain to the person of Dieter W. Liedtke and his work, which is first appreciated and evaluated in an intellectually historical, and finally in an art historical context.

Born in 1944 in Essen, Dieter Walter Liedtke has mainly been distinguished by his versatility. He has just as successfully provided evidence of his creativity through concepts in the areas of "marketing" and "event" as in his role as visual artist and writer.

Liedtke is a thinker and researcher whose partly intuitive, partly conscious access to insights of various humanistic and natural-scientific disciplines constitutes the inspiration for his art and his work as an author. In other words, as an artist and author Liedtke communicates the findings of his perception, interpretation and intuition in different forms and by using different media. He uses the expression that appears to him adequate for each particular content in question.

In this way some works of art have arisen, such as paintings and collages, abstracting the complex scientific processes or conditions. So Liedtke's creative work is reminiscent of artists such as Leonardo da Vinci, who also used their interdisciplinary creativity to revoke the usual divisions between the matter and the spirit, scientific knowledge, and artistic imagination. And just like da Vinci's, Liedtke's works have identified him as a visionary, as a man who by the consequences of his thinking and acting as an artist of scientific research is not rarely moving by years ahead.

To explain how such a phenomena is possible, a final clarification is required. That this is possible, is indisputably proven by the appropriate certificates and records. With his own "Art Formula", developed between 1969 and 1988, Dieter W. Liedtke created an instrument not only granting all the people a simplified access to view art works of all styles and periods, but also serving as a trigger to the user's own creative potential at the same time.

This effect can be proven by natural-scientific research. His latest work on the "World

Formula" of which release is planned for 2007, represents the next level of recognition in Liedtke's work. Arising in the context of his work on the "Art Formula" – and to the date of their creation even partly visionary – artistic works by Liedtke have a special art-historical value just because of this relationship. As the "World Formula" proves to obtain consent from natural sciences, the same is true for all Liedtke's visionary works – and in a remarkably larger scale.

Consideration of the work in the context of humanities.

Indeed, the works of Dieter W. Liedtke, which provide form to his visions on the abstraction of visual art, are in their importance comparable to the sketches and models of Leonardo da Vinci, since they have kept and presented some real and significant scientific findings at a time when the respective scientific disciplines themselves were still lagging far behind. And that is provable:

In 2000, the American neurobiologist, Professor Dr. Eric Kandel was awarded the Nobel Prize in Medicine for the results of his research, anticipated by 20 years by the works of Dieter W. Liedtke, themselves documented in his book "The Consciousness of Matter" published in 1982. In 2006, the American researchers, Dr. Andrew Fire and Dr. Craig Mello received a Nobel Prize for their findings dating from 1998 on how the genes are controlled by information. This confirms the first step of Dieter W. Liedtke's works of art from the 70's and 80's: namely, that the gene and genetic programmes can be switched on and off.

Liedtke's works from 1986 until the 90's go even further in predicting that the gene programmes, genes and cells can even be changed by pure and unmaterialized information, art and visions; these changes are steerable in a positive or negative sense (also documented in his books "The Consciousness Of Matter", 1982 and "The Key To Art," 1990, as well as the "Art Open Catalogue", 2000), which since 2006 has empirically been demonstrated by both epigenetic and genetic research.

Liedtke's assumptions as stated above, now documented by science, have formed the basis of his "Art Formula" and clearly assigned it its validity.

Internationally recognized researchers, such as the German sociologist and communication researcher, Professor Dr. Niklas Luhmann, who in 1996 denoted Liedtke's works of art to be an "evolutionary achievement", confirms the far-reaching importance of the "Art Formula".

So does among others the anthropologist, art historian and deputy director of the Hessian State Museum, Professor Dr. Friedemann Schenk, who in 1999 appreciated the "Art Formula" as a possible "theoretical approach to the bio-cultural evolution of the entire mankind". Important public figures such as the former Soviet Prime Minister and Nobel Peace Prize Winner Mikhail Gorbachev or the Spanish Queen Sofia testify through their support for Liedtke's works their role that goes far beyond the borders of a country.

Observing in an Art Historical Context

Internationally recognized experts in art history such as the former director of the "Museum Ludwig" of the city of Cologne, Prof. Karl Ruhrberg and Prof. Dr. Harald Szeemann have appreciated Liedtke's work of art as pioneering and democratizing creations that will change the history of art itself.

The recognition of Liedtke's findings by natural science as well as his recognition as an artist by internationally renowned personalities and institutions requires of course a corresponding evaluation of his works.

The Spanish art historian and appraiser, Professor Don Juan Oliver Fuster, President of the "Associacion Independent de Galeristes de Balears" (AIGAB), set in a 2005 court report related to the process concerning two vandalized art works of Liedtke in Palma an average minimum value of €24,000 – per artwork.

However, the images in question were NOT ones of those formulating the visionary messages in the context of his interdisciplinary work. The current value of these is at over €1 million per frame (in this context the reports of Dr. Föhl are also explicitly quoting the artist's two sculptures, of which value was already in 2002 estimated at €400,000 and €450,000 respectively; now the confirmation of their artistically expressed scientific content has since long pushed these figures further upwards. However, the precise amount also depends on the consideration of his latest insights and Creativity Cycle World Formula).

And this value is to be increased by a multiple within the next few years if further scientific research reveals the extent to which Liedtke's visions are in accordance with the facts and in how far his thoughts enshrined in the "Art Formula" and World Formula find practical application in people's everyday lives all over the world. Just as da Vinci's works on aerodynamics, anatomy and statics today possess corresponding

value as the world cultural heritage by bearing witness to the power of a spirit that was ahead of its time, so will Dieter W. Liedtke's works rise in their value according to the expansion of their content.

Conclusion

Through his very special ability to both intuitively and consciously tap into the facts concerning the structure and functioning of the world and the capacity to express all this in an artistic form, Dieter Walter Liedtke is a unique talent whose work not only represents the world of the spirit, but can affect the lives of all people and bring about a positive change.

This is an estimate, which is confirmed by well-known personalities and institutions of international standing.

During the coming years, his works will gradually gain in their value with the spread of awareness about the importance of his work. This particularly applies to those visionary evidences of his work, which have already today been estimated at about €1 million. Their value will increase by a multiple.

A completely new situation in terms of the certified value of the works of art created by him around the World Formula may take place if these are confirmed by science in the future, even if only in some natural or humanities areas, and lead to Nobel Prizes just like his previous work.

Not only the value of the art for our culture and evolution but also their price is to achieve an ever-increasing price-dimension once the World Formula is empirically confirmed by the results of research; this is in particular true for Dieter Liedtke's works documenting research and the World Formula.

Statements



Press conference Hotel Vier Jahreszeiten, Hamburg at art open 1999

History of Literature

*"Dieter Liedtke's formula confirms itself
as well for literature and its history."*

Prof. Dr. Hellmuth Karasek
Literature Critic



Harald Szeemann and Dieter Liedtke

"Liedtke planned enormously much.
We help it, because its craziness sticks on.
It remains doing still much. "

Harald Szeemann

Art Historian and Director of the "Documenta" (1972),
Biennale de Lyon (1997) Biennale di Venezia (1999 and 2001)
Counselor of the Codigo Universo exhibition art open

History of Music

"We examined the concept of the artopen very carefully and noticed that the artformula of D.W. Liedtke can also be applied to music and history. We share his future-inspiring opinion that the 4th dimension, the approach of understanding art and music, will be entered through the artformula in connection with the multimedia exhibition artopen by all the people. Only if everybody uses and trains his creative possibilities we are going to be able to solve the problems of the future"

Prof. Dr. Franz Müller-Heuser

The President of Germany Music Council
and the Music Committee of UNESCO



Dieter Liedtke and Daniel Libeskind

Architecture

"Evolution museum that shows the visitors art history by leading him through different culture epochs with the help of art formula, creativity and innovations, will be a great attraction for tourists and Americans in the USA."

Daniel Libeskind

Architect, New York



Prof. Karl Ruhrberg and Dieter Liedtke

Art history

*"Dieter Walter Liedtke"s concrete Evolutionismus
if a new world opens to the viewer.
He points, like the matter,
the only object up to now and medium
of the artistic representation was,
for their part her surroundings could perceive.
This information has a consciousness-raising function."*

Prof. Karl Ruhrberg

Director of the Museum Ludwig (Cologne)
President of the International Association of Art Critics (German section AICA)

Technology

"Art formula can be used in technology. Creativity and innovations lead to inventing new products. Only new products can secure our survival in the future. The use of creativity and innovation work against constant increase."

Professor Dr. Manfred Schrey

Köln Technical University

Anthropology

"The artformula as the center point of the exhibition art open fascinates not only artexperts but contains as well highly valuable informations for »Natur historians »."

Prof. Dr. Friedemann Schrenk

Hessian land museum of Darmstadt



Prof. Niklas Luhmann und Dieter Liedtke

Philosophy

*"Liedtkes creativity formula is an evolutionary achievement.
Once fictitiously and introduced she allows herself."*

Prof. Niklas Luhmann

Social Scientist and Social Theorist
Consultant of the Codigo Universo exhibition art open



Dieter Liedtke und Michail Gorbatschow

Politics

*"The propagation and application of the formula will
reduce poverty, terrorism and war danger in the world.*

Michail Gorbatschow

Nobel peace Prize winner & patron of the art open

*"Dieter Liedtke's works of art and the
Universal Code have conscious-expanding functions.
They make a new world accessible to the
contemplator, art historian and researcher."*

Prof. Karl Ruhrberg, Köln 1997

Director of the Museum Ludwig (Cologne)

President of the International Association of Art Critics (German Section, AICA)

*"Karl Ruhrberg, art historian (Köln) stated in 1997 that
Liedtke's works of art, exhibitions and theories have repeatedly served
as strong impulses for the development of art history and helped reveal
its consciousness extension function. In 1983 the renowned
MUSEUM OF MODERN ART, New York, claimed that Liedtke's book
"The consciousness of the substance" extended the museum documentation
of contemporary art, which is proved by his art and philosophy.
Mass media of different countries made about 100 reports about
Liedtke's "inconvenient", setting to think works, which have been
published during the last two decades and made the author known
among insiders as an advanced, revolutionary artist who strives to
construct positive future. Italian channel TELE 5 presented him in 1991
as a successor of artist Josef Beuys. Spanish periodical ULTIMA HORA
wrote in 1996 that in Europe Dieter Walter Liedtke was considered
one of the artists to connect art and philosophy better than anybody else."*

Dr. Thomas Föhl

Art historian of Weimar Classics Foundation

Member of the "Direktoriums"

"Just as da Vinci's works on aerodynamics, anatomy and statics today possess corresponding value as the world cultural heritage by bearing witness to the power of a spirit that was ahead of its time, so will Dieter W. Liedtke's works rise in their value according to the expansion of their content."

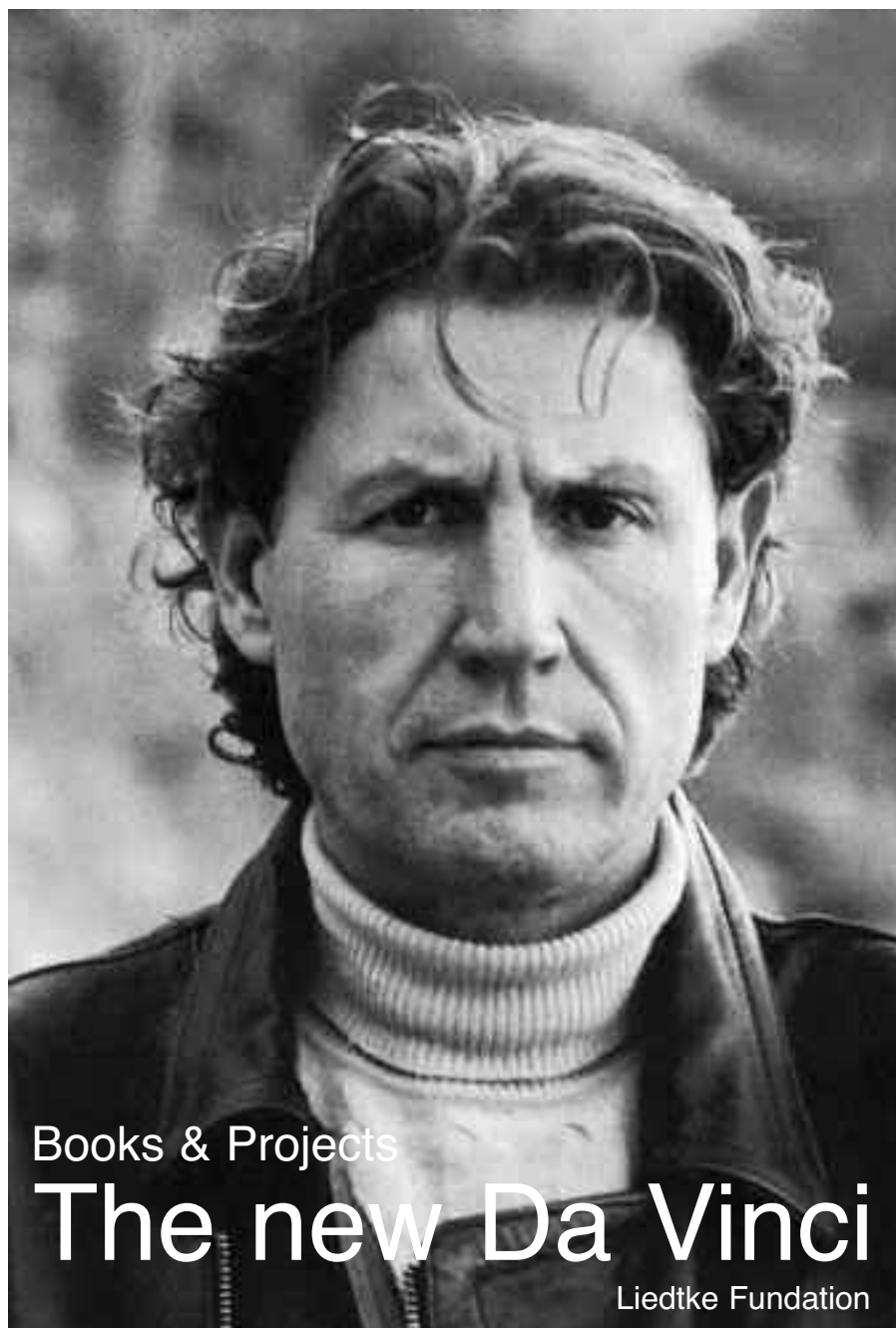
Dr. Herbert Jost-Hof

cultural and communication scientist

"The real work of art is Liedtke, may many surmise the inventor/artist and today's Leonardo da Vinci by means of the exhibition and even more get in contact with him directly. He is positive energy."

Prof. Dr. Harald Szeemann

Art Historian and Director of the "Documenta" (1972),
Biennale de Lyon (1997) Biennale di Venezia (1999 and 2001)



Books & Projects

The new Da Vinci

Liedtke Foundation

“Everyone is the new Da Vinci”

Dieter Walter Liedtke

I wish you many new thoughts while reading the books of the design of an ethical world.

The book points out what in my books and projects leads to a global and ethical design of the future and should entice the now necessary joint action.

With the purchase of my books or works of art you will receive a free share per 5 Euro purchase price to one of the three projects:

1. aimeim Cell Rejuvenation
2. Globalpeace Campus or the
3. Liedtke Museum in the Port of Andratx – Majorca.

Become a shareholder and participant in a new world.

You participate in the profit distribution of the respective company, the increase in value of the shares, works of art and the real estate without carrying any risks.

With the examination of the contents of the presented books you think in new directions and will be fascinated and delighted with your increased health and creativity.

You will experience the books and projects as liberation and "amplifier" of your own ideas, personality and future.

Loose your fears. Think NEW. You can do it.

Surprise yourself. Become a new Da Vinci.

Yours,

Dieter Walter Liedtke

THE SECOND RENAISSANCE STARTS NOW

BE A PART OF IT

Books & Projects:

art open-código universo

Exposure

Art

Research through the Art

Liedtke Museum

Seminars

Cell Rejuvenation

Globalpeace

The Art Exhibition art open código universo of Dieter Walter Liedtke

The first exhibition of the evolution of art history was developed, arranged and realized by Dieter Walter Liedtke. It took place in 1999 in Essen (Germany) on an exhibition area of 23,000 square meters under the name "art open World Art Exposition". From the history of painting, original works of art by relevant artists to art history, who had contributed with their work to the evolution of art and culture, were exhibited as gratuitous items on loan in cooperation with the Spanish Ministry of Education and Cultural Affairs as well as international museums and collectors and decoded with the Código Universo by means of the innovations manifested in the works of art.

The concept of the exhibition

With the exhibitions "art open and the Código Universo" the evolution of the innovations in art in relation to the cultural-historical general concept becomes transparent and the innovation force stored in the works is conferred by neuronal transmission to the visitor just by means of seeing and understanding. The cognitive performances of the recipients are increased by a bio-culturally achieved creativity.

art open sponsors :

Her Royal Highness Queen Sofia of Spain

Mikhail Gorbachev, Nobel Peace Prize Winner

Dr. Norbert Blüm, German Minister



Prof. Dr. Harald Szeeman and Dieter Walter Liedtke (Press Conference, Art Exhibition art open Código Universo in Hamburg)

Scientific Advisory Board:

Prof. Niklas Luhmann

Prof. Dr. F. Müller-Heuser

Prof. Karl Ruhrberg

Prof. Dr. Harald Szeemann

Exhibition Manager:

Dieter Walter Liedtke

VIP-Liedtke Museum

Mallorca



"Dieter Liedtke is ideology-free positive energy, quintessentially creative and an artwork himself. Leonardo da Vinci has found a successor in him."

Prof. Dr. Harald Szeemann

Art historian and director at Documenta (1972),
Biennale de Lyon (1997)
Biennale di Venezia (1999 and 2001)
Consultant to the art open art exhibition



Prof. Dr. Harald Szeemann und Dieter Walter Liedtke
(Pressekonferenz Kunstaussstellung art open codigo
universo in Hamburg)

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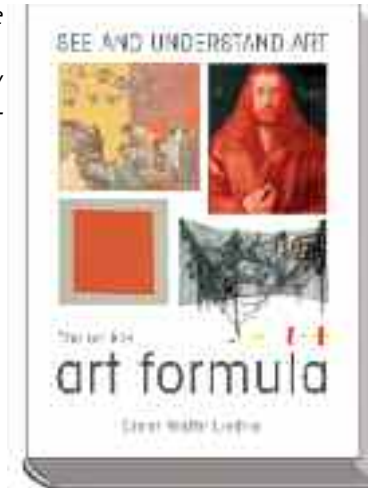
ISBN 978-3-945599-57-0
ISBN 978-3-945599-64-8
ISBN 978-3-939005-78-0

The key of Art art formula

"The formula of Leonardo da Vinci of today, is the revolution in the history of art. By using a picture Liedtke wants to visualize in a pure and direct way the creativity pushes in order to make them understandable. His formula: Life + Cognition Expansion = Art is the condensate of his research and work which he explained in many of his publications: The cognition of the matter (1982), The fourth dimension (1987), The key to art (1990)"

.Prof. Dr. Harald Szeemann 1999

Leiter der Documenta (1972), Biennale de Lyon (1997)
Biennale di Venezia (1999 und 2001)



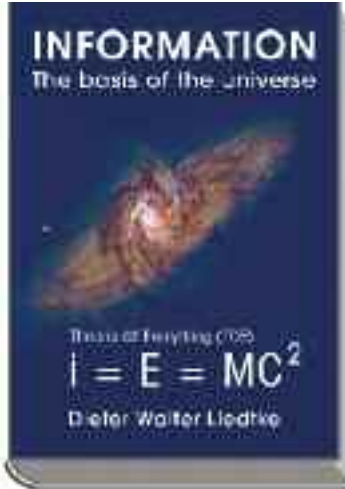
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Information

- The base of the Universe -



Pages: 344 - Photos: 142

"He modifies and breaks the limits of known theories. His new scientific theories are a condition and the product of their own activities. One could imagine evolutionary achievement, which, once invented and introduced, makes itself possible."

Prof. Niklas Luhmann

Social Scientist and Social Theorist
Consultant of the Codigo Universo exhibition art open

"Dieter Walter Liedtke's artwork and the Universal Code have consciousness-expanding functions. They open a new revolutionary world to the observer."

Prof. Karl Ruhrberg, Köln 1997

Director of the Museum Ludwig (Cologne)
President of the International Association of Art Critics

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The Da Vinci – Liedtke Code

$$i = E = MC^2$$

Exposition: Código Universo - Research through Art

Leonardo da Vinci, has created this striving towards an expanded consciousness. The way from the second into the fourth dimension, the white genes. On a cliff in Andratx on Majorca, he realized his architectural vision in a building that respects the Majorcan landscape. This also houses the museum."

Prof. Dr. Harald Szeemann 1999

Art Historian and Director of the "Documenta" (1972)
Biennale de Lyon (1997)
Venice Biennale (1999 and 2001)



Pages: 428

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ISBN 978-3-945599-05-1
ISBN 978-3-945599-56-3

art open Código Universo

- The evolution of Art -

(Catalog world art exhibition)



Pages: 440

"The artformula as the center point of the exhibition art open fascinates not only artexperts but contains as well highly valuable informations for »Natur historians «."

Prof. Dr. Friedemann Schrenk
Hessian land museum of Darmstadt

(In preparation for the exhibition)
Not available at the moment.

The visualisation of the Evolution of the arts across country borders and spaces of time will open up new perspectives and facilitate a new, untouched look far beyond all routine and across the borders of the usual observation of art. Thus the permanent evolution of arts, which is beyond all cliché imagination of the so called revolution, was and is a long still continuing and in the future pointing way and could become an optical understandable experience."

Prof. Karl Ruhrberg, Cologne 1997

Director of the Museum Ludwig (Cologne)
President of the International Association of Art Critics (German section, AICA)

art open Código Universo

- The Theory of Everything -

(Catalog world art exhibition)



Pages: 420

(In preparation for the exhibition)
Not available at the moment.

"Based on the method of conducting scientific research by means of art and philosophy, lost since the renaissance, Liedtke is the first artist after almost 5 centuries to once more achieve art and research results of the highest quality."

Dr. Thomas Föhl

Art historian and Member of the Board of the Weimar Classic Foundation Lender of a painting by Peter Paul Rubens for the art exhibition art open in 1999 in Essen

"The real work of art is Liedtke, may many surmise the inventor/artist and today's Leonardo da Vinci by means of the exhibition and even more get in contact with him directly. He is positive energy."

Prof. Dr. Harald Szeemann

Art Historian and Director of the "Documenta" (1972),
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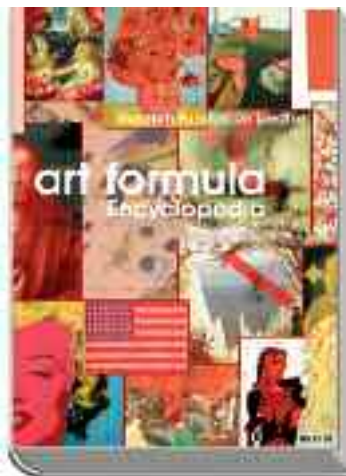
"In fact, Dieter W. Liedtke's works, which reflect his vision of art as creating abstractions, are in some way similar to the sketches and models by Leonardo da Vinci, as they recorded and represented real and important scientific findings at a time when the respective scientific disciplines were still far from them."

Dr. Jost-Hof

Cultural and communication scientist
in an expertise on Dieter Walter Liedtke's works (2005) in the book:
World Formula/published in 2007

art formula Encyclopedia

- The Evolution of Art -



Pages: 400

(In preparation for the exhibition)
Not available at the moment.

"Based on the method of conducting scientific research by means of art and philosophy, lost since the renaissance, Liedtke is the first artist after almost 5 centuries to once more achieve art and research results of the highest quality."

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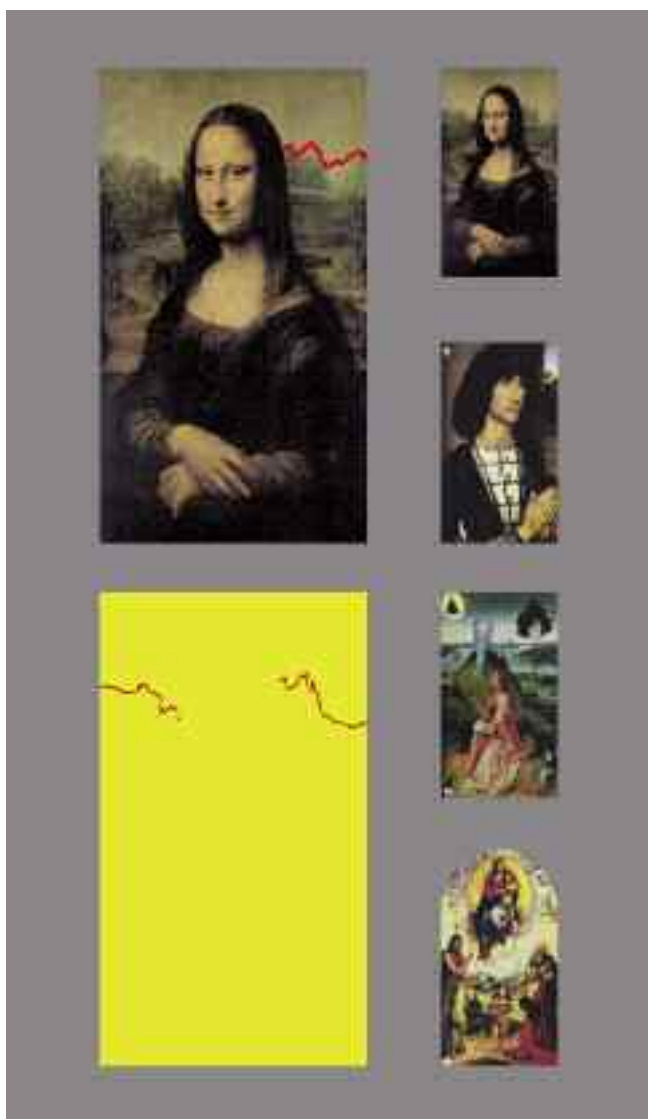
"Art formula can be used in technology. Creativity and innovations lead to inventing new products. Only new products can secure our survival in the future."

Prof. Dr. Manfred Schrey

Direktor des Techn. Instituts / Hochschule Köln

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Book + Graphic



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Research through Art

- Catalog DE, EN, ES -



Pages: 404

Book + Graphic



+ Limited Graphic "Epigenetic Information" by
Dieter Walter Liedtke, 60 x 40 cm, 50 edition, dated,
signed and numbered.

"Just as da Vinci's works on aerodynamics, anatomy and statics today possess corresponding value as the world cultural heritage by bearing witness to the power of a spirit that was ahead of its time, so will Dieter W. Liedtke's works rise in their value according to the expansion of their content."

Dr. Herbert Jost-Hof
Cultural and communication scientist

Research through Art

- Images and Theory -



Pages: 304

*"Dieter Walter Liedtke's concrete Evolutionismus
if a new world opens to the viewer.
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was, for their part her surroundings could perceive.
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Letter Fields

- The proofs of God -

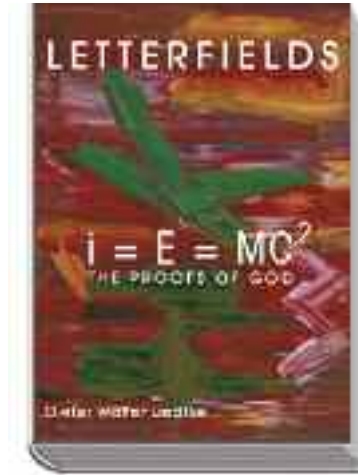
Scientific proofs of God donate peace between the religions.

"Dieter Liedtke's formula confirms itself as well for literature and its history."

Prof. Dr. Hellmuth Karasek
Literature Critic

"Liedtkes creativity formula is an evolutionary achievement. Once fictitiously and introduced she allows herself."

Prof. Niklas Luhmann
Social Scientist and Social Theorist
Consultant of the Codigo Universo exhibition art open



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Information

- The principle of the Creator -

Edition of the 7 books indicated hereinafter regarding a new scientific theory of all and formula of the creation summarized.

art formula - The Key of Art
Cain's Repentance - The Ethical Capitalism
Information - The Base of the Universum
Das Genpiano Cell Rejuvenation
Letter Fields - The Proofs of Good
Liedtke Museum VIP-Mallorca
The new Da Vinci



Prof. Niklas Luhmann / Philosopher (Advisor of the Codigo Universo art open Art Exhibition) in conversation with Dieter Walter Liedtke regarding the evolution of society and the effects of the art open Codigo Universo theories, exhibition concepts and projects.

Information

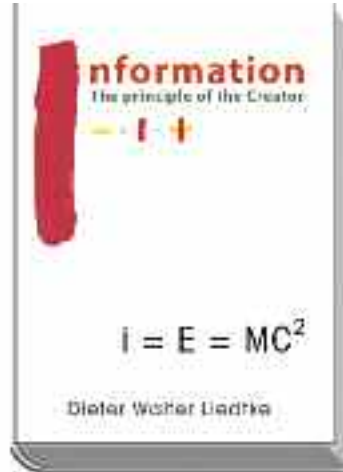
- The principle of Creation -

"Dieter Liedtke unravels the conditions of familiar theories. His ideas and his art-work require an observer, i.e. God, for whom time as the sum of all moments is present."

Prof. Niklas Luhmann

Social Scientist and Social Theorist
Consultant of the Codigo Universo exhibition art open

Complete Edition



Pages: 784 - Photos: 248

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The Author: Dieter W. Liedtke

An artist, born in Essen, Germany, in 1944

At the age of 19, Dieter Walter Liedtke started asking existing questions in a new way and conducting scientific studies and research to find answers.

By the design of his both intuitively and constructively created works of art, he was given the opportunity – much like his idol Leonardo da Vinci, whose research method "supporting research through the creation of art" he deciphered and further developed – to discover new theories and solutions for scientific, cultural, philosophical and social puzzles.

The steps of the development of his revolutionary theories and works are comprehensible from publications and art exhibitions previously published or organised by him.

Books and catalogues by the author:

Das Bewusstsein der Materie (DE) 1982

Die vierte Dimension (DE) 1987

Kunsträtsel gelöst (DE) 1990

art formula Lexikon (DE) 1999

art open worldart exhibition (DE,EN,ES) 2000

Code Liedtke - art open geschlossen (DE) 2005

Prosperity through Culture (DE) 2005

Die Weltformel (DE) 2007

Codigo Universo - The Hypercode (DE) 2013

Dieter Walter Liedtke - Research through art - Codigo Universo i = m 2014

The Genpiano for cell Rejuvenation 2014

The Da Vinci - Liedtke Code - Research through Art i = MC^2 - 2014

Cain's Repentance - The Ethical Capitalism - Globalpeace 2014

See and understand Art - The key of Art - art formula 2014

Letter Fields - The Proofs of God - 2014

Information - The base of the Universe - 2014

Die Codigo Universo ABC Seminars 2014

Information - The principle of Creation - 2014

In 1988 he combined his theories and works of art published as early as 1982 and new theories to form a simple graphical formula called "Codigo Universo" in the book **Information - The principle of Creation** -. In perfect symbiosis between his further research, the newly gained observer's perspective by Codigo Universo and the creation of further works, he developed his philosophical-scientific General Universe Information Theory during the period from 1988 to 2012,

allowing in particular the development of the new DNA and epigenetical health care preventive and cell rejuvenation programmes and provides the first discerning look at a possible creation, its concepts and the future of mankind and social systems.

The General Universe Information Theory is showing:

Everything is information (Information = Mass or $i = m$ and $i = E = mc^2$)

With the Codigo Universo, the author proves that literally each and every form of existence is based on nothing but information: laws of nature and energy, quanta, atoms, time, space; but also the evolution of the universe, genes, epigenetic programmes, DNA, cells, art, society and religions.

A few years after its emergence most of the revolutionary research, as manifested in his works of art, had already been confirmed through research by scientists, some of which were Nobel Prize winners, in the scientific areas of the **Agency- archaeology, anthropology, physics, astrophysics, philosophy, art theory, art, culture, theology, evolutionary biology, neurobiology, genetics, epigenetics, sociology or social policy.**

The credo of his works on the future of people:

"Innovations are increasingly transmitted through media and their use in the neural networks of the human being. Man is thus made for renewing artwork and he generates in a permanently increasing pace innovation, energy, prosperity, health and freedom for all people. He even takes over the design and realization of the utopia of a new world with open social systems as well as dogma-borderless religious communities."

Niklas Luhmann:

*"Liedtke's formula is an evolutionary achievement.
Once invented and implemented, it enables itself."*

The possibility to set an example of change towards shaping a more ethical world is provided by the General Information theory of the author through the implementation of his "Globalpeace Campus" concept.

Museum Fundacion Liedtke
Port de Andratx Mallorca

Código Universo Seminars

Overnight in

Liedtke Museum

Port d'Andratx, Mallorca



Dr. Norbert Blüm and Dieter Walter Liedtke

Código Universo - short seminar at the Ministry of the German Federal Republic with Minister Dr. Norbert Blum (Sponsor art open Art Exhibition Universe Code) regarding the significance and cultural-historical effect of the formula for the culture development and the increase of creativity in the population.

Código Universo

- ABC Seminars -

Vivir + Creatividad = Calidad de Vida

"Today, access to creativity is only possible via images, because it is image sequences that the human mind works with. The archetype of every vision of the future is the vision, the dream, the connection of non-existing realities. The path from the future to the present is only possible by using the visual language of art. It makes people visionary, enabling them to experience the processes so far unnoticed and understand them. To trigger this potential in people who have no special equipment for it, the Art Formula is kept simple in terms of optical visibility: it is based on the evolution of innovations..."

Prof. Dr. Harald Szeemann 1999

Leiter der Documenta (1972)

Bienale de Lyon (1997)

Bienale di Venezia (1999 und 2001)



Pages: 676

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Future Projects



Mikhail Gorbachev, Nobel Peace Prize Winner
(Sponsor of the Codigo Universo art open Art Exhibition) and Dieter Liedtke
in conversation regarding the peace-making effect of the Código Universo

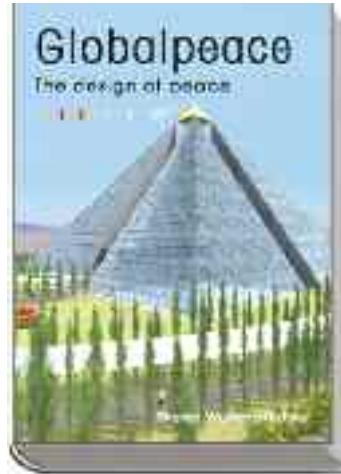
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- The design of the Peace -

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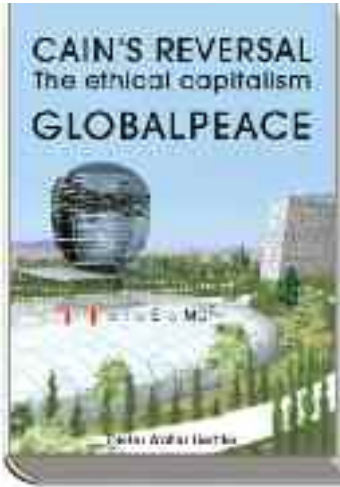
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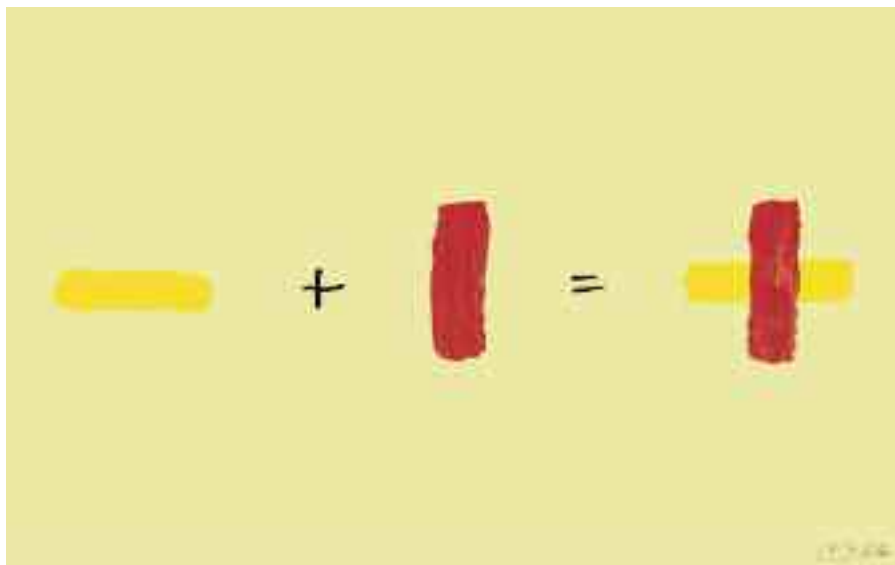


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Liedtke Museum

*„Dieter Liedtke is inventive through and through. On a cliff in
Andratx on Majorca, he realized
his architectural vision in a building that respects
the Majorcan landscape.
This also houses the museum.“*

“

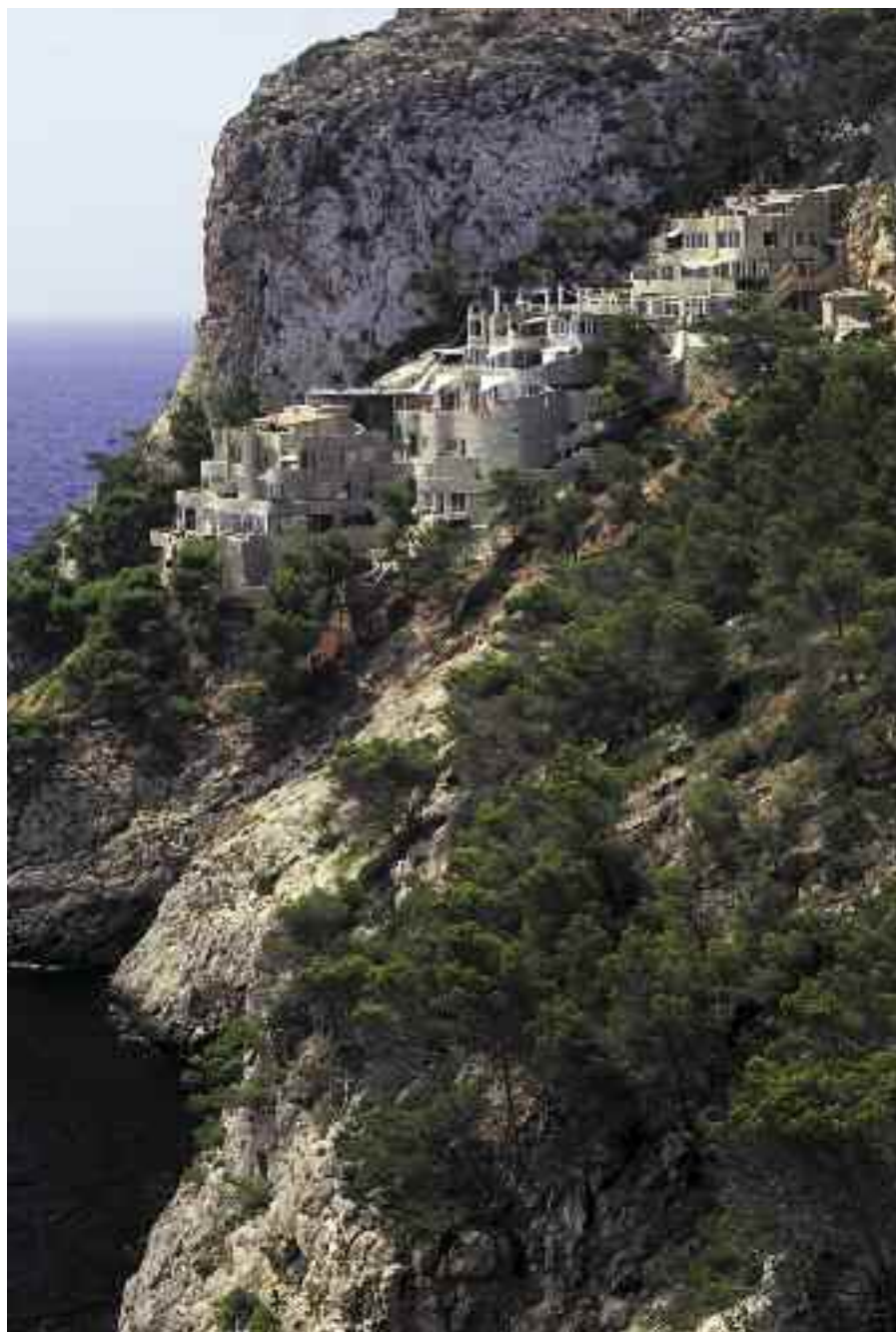
Prof. Dr. Harald Szeemann, 1999



The building was designed and built by Dieter Walter Liedtke in 1989-1992 as a brain sculpture with museum, Café-Restaurant and open-air-stage (Videos on the rocks), Seminar room, Galerie, Shop, Pool and skulpturepark.



View to the spirital rock in the sunset



Liedtke Museum, Port d'Andratx



All information is presented in good faith and properly
and, to my knowledge,
nothing of importance has been omitted

Dieter Walter Liedtke
(Port d'Andratx, 2014)

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