

# The Arcsuniverse

## The Unity of the Creation and the Relativity Theory respectively the Quantum Theory using just one Equation $e = m \times c^2 = h \times f$

by

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Ladies and Gentlemen, dear friends!

Why are the official sciences not able to give the United Theory of Fields or some World Formula, today in 2008, after 103 years Light Quantum Theory and Special Relativity Theory as well as 92 years after the construction of the General Relativity Theory by Albert EINSTEIN?

*Relativity theory*

1905 / 1916

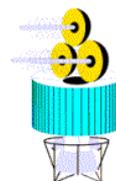
Albert Einstein

*Quantum theory*

1900 / 1905

Max Planck and  
Albert Einstein

**Ununited until 1986.**



There were innumerable trials. EINSTEIN himself failed. Now, the big computers are failing.

The Russian physicist, professor LINDE, presently working in the U.S.A., said sometimes that it might be possible there was something wrong at *both* theories.

Such an assertion seems to be extremely daring. Because the mathematical results and the observations seem to agree. Even technical solutions on base of both theories show oneself useful.

Let us stop here: the mathematics as a kind of language describing the theories are correctly constructed. In this respect, correct mathematics do not say about the mathematic construct is a real building or just a dream. The technical solutions, which were useful, seem to prove the proximity to the reality of mathematics. Perhaps, we have to ask another way:

is the reflection (the picture, the projection) of the things correct in this world? Do we imagine the real thing what is *really* here? Is there some detail, anyway, what is preventing us from the correct view at all the things?

I think, these theories, Relativity Theory and Quantum Theory, are the most complex theories. Let us compare them to both big spaceships. Each of them is made by a different nation. No nation has spoken about the position at which it is possible to contact both spaceships. But each worker had promised to make a port, which will fit to each other. Now, how men just aren't perfect, small mistakes came in so that already the smallest difference prevented us from connecting or from recognizing that cohesion.

I think so: it might be at both theories. Just as young man, I went on searching this information and found first indications. But how must you feel, if you go to the professors telling them, something would be interpreted wrong, well just a small value but something however? Professors are important and rightful men who know this about themselves. As soon as I appeared, my material was controlled extremely carefully. Just the smallest mistake was thrown back like I had thrown the gauntlet. Unfortunately, I am not a perfect man. The smallest daftness was always my disaster.

My suggestion, made in love to science, always was answered with enmity or with ignorance instead of an open heart.

I just did not want to prove the good professors showing their mistakes or showing they might be bad scientists, no, I wanted to inform about the mistake of the generation to lead the things to the best. Professors had the chance to work out more honor. Listen to me carefully, please: I do not give you an exact theory of physics, but a philosophy in which I tried to explain my ideas with the help of nature science and physics. Every physicist who complains about me, I wouldn't make a correct physical theory, is right! In this respect, who searches for a nest with three blackbird's eggs and who just gets a trough with a nest and one blackbird's egg and who snootily rejects these offers, you cannot help.

This is the reason why I wrote my first book about my discovery in 1987, which was not noticed. In 1998, after series of publications, the last and most extensive book followed. But this publication unfortunately became a test of the intelligence of the readers: 602 pages with smallest letters, thousands of equations and just hundreds of explanations.

After finding the connection between Relativity Theory and Quantum Theory in 1987 mathematically constructed, I stood before the dilemma to explain these theories, which still became most complex: the Unified Field Theory its World Formula and its solutions, which I had to investigate alone by myself, because no scientist was ready to work together with me. My theory has the proper name IOT, Ideal Oscillator Theory, even because it hurts the etiquette of the vain physics.

**The unified field theory**

**as unity of relativity theory and of quantum theory,**

**which Einstein was searching for decades, which today is searched  
by the official science in vain,**

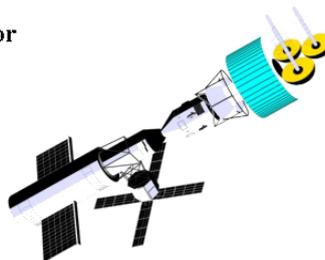
**exists since 1987 in the shape of the**

**Theory of the ideal Oscillator**

**IOT**

**(Ideal Oscillator Theory),**

**created by me.**



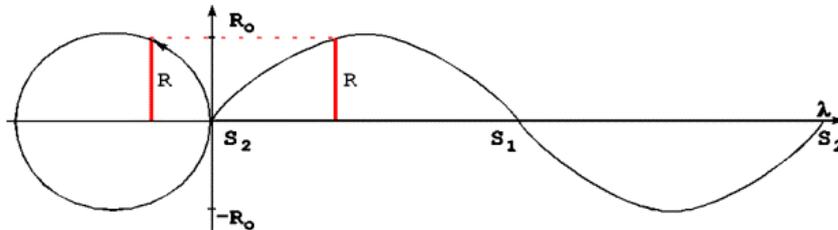
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Where do I begin? How did I find the problem? Perhaps, this is an interest story but not the problem itself. This you can download from internet, if you are interested in it.

Well, how did I find the connection point between both theories? Nobody until now completely established the hypothesis, a Black Hole (or a cosmos or a spacetime of relativity) would be able to oscillate harmonically between a maximum and a minimum of its radius. Rather, physics constructed such a case as a special case of a closed cosmos. This case would be then the spherical and constant pulsation of the surface of any cosm.

However, as I examined the quantum theory, I recognized one basic law where ever I searched for: **the world of quanta is the world of oscillations and waves!** I looked at the phenomena of the real world and searched for examples, which would not show the oscillations and waves. I did not find some.

### The waytime



$$\lambda = \tau \cdot c$$

**The wavelength  $\lambda$  in meters is an equivalent to the periodtime  $\tau$  in seconds. Both magnetudes only are bound at the constant light speed C in vacuum.**

**Way and time therefore are unseparable connected to the magnitude MOVEMENT, which always ist bound to the oscillation. Way and time without an oscillation do not exist full of sense!**

Yes, I firstly thought as you perhaps would think now. Oscillations, vibrations – these are swinging or shaking things. Do not do the most things so, if they are vibrating? But anyway, every movement of every body in this world is registered and limited: it draws an ellipse or a circle bow. If your head goes a little bit aside, it must go back, or else it is off! What ever you observe, the things are moving in orbits, which are closed in the end. Nothing really stands still. So, the circulation is the essential base of the movement of the physical matter. In a circle, a way always goes around, but always to an end from which a new beginning starts. Namely, the circle subscribes the graph of an oscillation. An irregular bow could be also idealized and smoothed up to a circle bow. The circle with a constant radius is not essential but the perimeter way at the closed line! Starting at this line, multiple oscillations are given. It is important to know: Oscillations produce waves, and the wave quantum exchange makes a different body vibrating or oscillating!

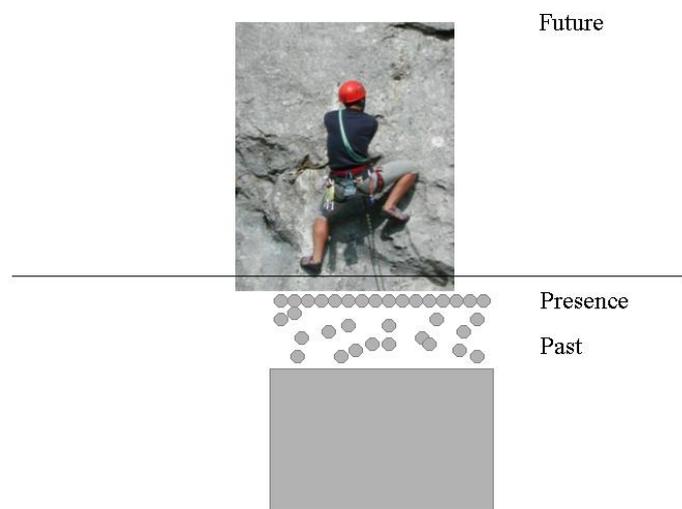
Do you doubt a little and think about a substance like gold? Gold doesn't oscillate, or not? Gold but has extreme interstices between the atoms and inside of the atoms. Protons and neutrons are in the atomic nucleus. Externally, there are the electrons rotating in the shell. This is a rotation system. Protons and neutrons also do not stand still, but they move around each other – they vibrate so. These elementary particles are not elementary at all. At their inside, there again is a kind of cosm in the shape of further rotation systems stored there as long as the particle is stable. All these things are **movement systems** but no hard substance!

This cohesion always is the problem of the *wavelength as a metric magnitude* and the *period time as the time magnitude*. In this system of oscillations and waves, both the wavelength and the period time *cannot be separated* from each other, because they make the oscillation speed. In vacuum, this

speed is the light velocity  $C$ . *The way and the time as absolute magnitudes separated from each other do not exist at all!*

In addition, that hypothesis would result: a time travel is not possible, because it would also be a way travel. All the material events fundamentally are oscillations. The simultaneity of all the states of all the oscillations is not possible, because they all would equalize each other to zero. Wave crests and troughs of waves would run together. If I was right and the oscillation was the main feature of the physical matter, then each oscillation state cannot exist at the same time without disturbing the matter totally.

Consequently, there was no existence of presence and future and past side by side. There always is running the unstoppable way into the future. Just you think being in presence, just it is already gone to past. It follows my opinion that we are always on travel into the future. The presence does not exist, meaning to be in rest. Resistantly, we let the presence back behind us forming past as if it was a stalactite at the bottom at which each presence immediately solidifies to a stone at which we climb high into the future.



Let us go back to the Relativity Theory. Because I had just one special case in this theory, in 1986 I simply dared this madness. I thought, if a Black Hole would vibrate at its surface like a balloon, which is puffed up and down, if it would pulsate following the Friedman-solution of General Relativity Theory, then the Black Hole would externally represent the equivalent of its oscillation energy  $e = m \times C^2$ , energy  $e$  is mass  $m$  multiplied with square of light speed  $C$ . And this energy would be the external mass  $m$  of that type of a Black Hole.

If an oscillating Black Hole would be very large, then it would oscillate with a smaller frequency than a smaller oscillating Black Hole. The larger the frequency, the higher is the energy of the oscillation. That cohesion, Max PLANCK found in 1900: energy is equal to a constant  $h$ , which is called according to PLANCK, multiplied with the frequency of the oscillation. Consequently, an oscillating Black Hole is the lighter at the outside, the bigger it is. It is like a big and small air balloon: you puff up and down the smallest balloon more times than the bigger balloon at the same time with the same speed. Yes, a larger stick beams a deeper sound than a smaller one.

This hypothesis astonished me deeply. It always is said that a Black Hole would have the complete internal Masse  $M$  at its outside, which it was one day packing as it was born by the collapse.

**The more mass M is filling the BH, the larger is its radius, and the less it oscillates during the same time unit relatively to a smaller BH.**

**$e = m c^2$  means:  $e \sim m$  (Einstein)**

**$e = h f$  means:  $e \sim f$  (Planck)**

**$c = \text{const.}$  and  $h$  is the Planck-constant**

**Consequently, the BH beams the smaller energy at its outside, following its smaller external mass  $m$ :**

**mass  $m = \text{const} \cdot \text{frequency } f$  using:  $m c^2 = h f$**

**The external masse  $m$  is dependent directly of the oscillation number, of the so-called frequency  $f$ . Then it is indirectly proportional to the internal mass  $M$ .**

This procedure I observed more exactly. A Black Hole cannot send out any light beam, because its geodetic lines, respectively its spacetime lines, are curved as strong that the light have to run at these bow orbits around the center.

Now, I had an idea becoming my second crazy hypothesis: if the spacetime is totally curved, and no interaction lines are able to leave it, why should the interaction lines of gravitation or of the packing internal mass can come out? Can somebody explain me this clearly?

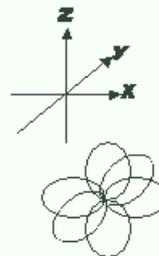
**The Black Hole of General Relativity Theory may be just dark because its field lines of the light waves are curved and go back to the origin. This way the spacetime will be closed. The field lines of the gravitation, which are forming its mass M, would act out of the BH. This mass M would act at the outside:**



**Near us, the lines seem to be straight.**

**Far away of us, but, they turn around and make the EIGHT, because x, y and z are coming back.**

**Three times an eight make three coordinates as spacetime!**

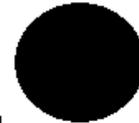


**My thesis: If the field lines of the electromagnetism turn around totally, why shouldn't do so the field lines of the gravitation, if the complete coordinate system was curved and if the electrogravitative parallelism (electromechanic) would be valid????**

I think, I just can have contact only with something, which is able to connect over the spacetime lines reaching me. Or said with different words: I cannot phone by mobile telephone from Chile, if this net is limited there and if this net does not reach to Germany. Consequently, my next hypothesis was then: the contact between both spacetimes just is possible, if their coordinate systems come continuously out of each other. This thought turned around: **if a spacetime is completely locked, because its coordinate lines come back in circles, absolutely nothing can contact another spacetime! What is valid for light is also valid for gravitation!**

Using this complex of hypotheses, I suddenly banished this static Black Hole as an ideal state from my universe. Attention! A body, which cannot be observed by any magnitude, is completely away. There is no mass, no charge, no light, nothing else. What should I do with such a strange solution?

**Consequently: The BH had to be disappeared completely!**



**The BH of the General Relativity Theory is not solved correctly!**

Correct:		<b>No mass, no gravitomagnetism, no gravitation!</b>
		<b>No electric charge, no</b>
		<b>electromagnetism, no „electrition“!</b>
<b>Light</b>	=	<b>electromagnetism (electrition)</b>
<b>Mass</b>	=	<b>gravitomagnetism (gravitation)</b>

**Both magnetudes are contradictions bound in a parallelism!**

**They cannot be separated arbitrarily by the wishes of physicists!**

NOTHING as the result but wouldn't be worth of discussions and it would break the conservation laws of physics. Though, these laws aren't valid between coordinate systems which does not continuously come from each other.

There is no conservation law of energy of all the cosmoses which are totally separated from each other!

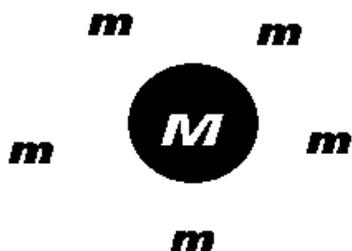
But now, my crazy hypothesis number one was helping me again. If this body as a total BLACK Hole, being like nothing, would be **oscillating**, then it would externally project its movement and give the **oscillation mass m** using the energy-mass-frequency-equation  $e = m \cdot C^2 = h \cdot f$ . This body would have an externally measurable mass m of its spacetime.

Now we have a completely new thing in this world:

a non-stationary and oscillating Black White Hole with its external mass m coming out from the external pulsation as an oscillation and of an internal mass M, which was packed as if it was zipped away.

These special things I see as the stable elementary particles like electrons and protons.

**The BH of the IOT is not a hole but an oscillating sphere - a pulsating cosmos working with its elementary packing function!**



**Internal mass  $M$  = constant / external mass  $m$**

**The internal mass  $M$  and the external mass  $m$  are indirectly proportional to each other.**

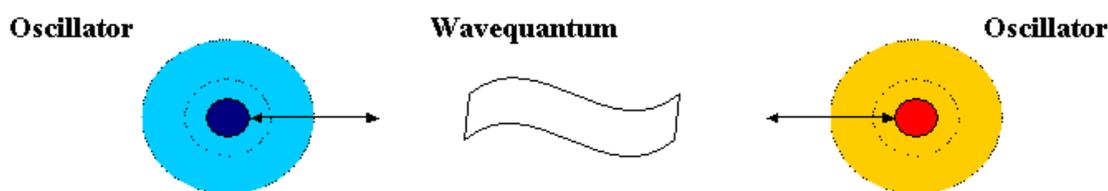
**The external mass is the result of the oscillation of the BH-sphere. This spherical wave is the expression of the mass and of the gravitation into each direction at the outside!**

**Have a look, please, at the oscillating cosmos with the link to [Kosmos.mpg!](#)**

If this hypothesis would be real, then oscillating Black Holes always would be **cosmoses** in the shape of oscillators of vibrators, which would exchange their waves from each other.

*Our world has to be explained as a building consisting of oscillators – of cosms and microcosms and protocosms – exchanging their wavequanta between each other. This way, they would determine their momenta and their movements. Additionally, they would communicate with each other. These interactions would cause the changes of the cosms and their reactions. I just thought at a telephone connection using a mobile telephone. Each phone has an oscillator being both, a transmitter and a receiver (resonator). Both parts of the phone exchange waves (wavequanta) with information. On the other side, that receiver has a reaction after receiving an information.*

## The exchange of information, momenta and wave quanta



The spherical pulsation of the sphere of a „particle“ (of the microcosm):

- Makes its oscillation,
- serves as a swinger
- is an oscillator
- is an oscillation receiver
- and an oscillating circuit, which is exchanging wavequanta.

Waves are:

- Exchange waves
- correctly: wavequanta
- exchange momenta
- movement momenta
- carrier of information

Is this world not something above all the things from which we learn, see and copy? *I strongly believe that our world is an **ideal oscillator**, because we are observing our world made from oscillators and waves. Ideal seen from our position in which we aren't possible to examine WHO supports this system.*

The complete oscillating is like the base of the Quantum Theory. Today, I set it into relationship to the Relativity Theory in which the oscillators are all the cosms, all the particles and naturally the universe.

With my idea before my eyes, the universe was theoretically visible in quanta forming a system of cosms, microcosms and protocosms, which are oscillating and exchanging wavequanta between each other, being packed into the universe which itself is the primary oscillator cosmos. The exchange of wavequanta informs all the cosms. This way, they interact with importance and *sense*. They connect all their movements dependent on each other acting with their forces.

This is the inertia of Ernst MACH. The masses all around have an absolute influence of the movement of that mass. All the bodies are dependent on all the different bodies!

If the universe is locked as I imagined at the example at my oscillating Black White Hole, otherwise, it was not a stable and ideal oscillator, then all the things in it would absolutely be depending on each other. This would be the demon of the destiny, of an absolute destiny. It was not just the demon of the causality, because there it only goes straight on. This world is spherically connected up so that the *destiny is a space running* into the future. It is absolutely not a dot. It looks like a macaroni but unequally thick dependent on the evolution of the destiny. I called this thing a „destiny tunnel“, and I imagined how I would move in it.

Certainly, the man has a free will like all the living beings. He tries to brace himself against his destiny and jumps inside his destiny tunnel. Contrarily, he cannot change it. It may be he would have such strong forces that he could overcome the force walls of his tunnel. This seems to be possible, if you imagine this tunnel as the only one. It would be the destiny of one subject, who is alone in this world. Each evolution has its own tunnel. As the single destiny is dependent on the innumerable destiny tunnels of the different objects and subjects and their own way into future, the

freedom of each single being is extremely limited. Imagine this, please, as if the destiny tunnels were fibers nearly bound at each other. This way, they prevent the different fibers from their freedom.

This man has most of freedom, who can realize his most free will. This is a leader, who has the power about many people. This way, he wins freedom on cost of the freedom of the others.

I think, it seem to be real, as follows. Tom HANKS answered in “Forrest Gump” to this question: “is there more destiny or accident? Surely, both are acting“. Yes. So, I unfortunately have to concrete this thought to the disadvantage of each free thinker: the man thinks but GOD leads.

Using my words: „the accident is like the trembling of that hammer knocking in the nail just there where it has to be as agreed.“ If the nail is already there, nobody will ask how it has come there.

Briefly said: in this world, the accident has just an extremely small influence. It usually reflects the correct lines blurred. Accident is the area inside a destiny tunnel. Nothing runs to a dot, but always to a larger area. Without the mathematics of probability, we cannot live anymore calculating such accident areas or accident spaces. Therefore, you cannot perfectly beat a nail with a head of 3 mm in perimeter using a hammer of 3 mm. The accident area is determined by the area of the hammer to correct the trembling of the accident maximally over the area dimension. The hammer area has to be larger than the nail area. So, we men are like the area of a nail. Our destiny is like the area of a hammer. There is no butterfly effect in this world! Such a small interaction has absolutely no effective influence into the world! Only a lot of actions making a big spherical area have influence.

### **The accident at the example of cherry blossoms**



**Although, each of the blossoms has a variable shape and although, its internal beams of its stamina are localized in variety but look like the ways of the protocosms, at the end every blossom which servived will become a cherry.**

**The accident has *no essential* influence on the event!**

**The accident is like the trembling of that hammer knocking in the nail.**

**This nail is coming, however!**

Everything may be clear now, the **creation** may be the only correct conclusion here. But at the origin of the oscillation, you may have deepest doubts. What however does oscillate there? I said before, the projection of the movement alone would produce the new physical matter in its shape of cosms exchanging wavequanta. Nobody can understand it. There *something* must be oscillating. If nothing would oscillate, then nothing can come from there. Everything was nothing then. This way, we all think like Giordano BRUNO thought, too.

But what is the real thing? What is this *something*? Can we measure it?

We just measure the differences of energies using sets. In this way, we measure wavelength and period time, ways and times. *We do not measure substances*, because we stated as following: as deep we ever search, we only find ways and times from oscillations. Consequently, our measurements cause on the comparison of ways and times. Can you ever give me a real substance with which we had a comparison medium to prove a real substance in the origin of all the material things? What can you ever show me unless the chemical elements of the periodic system? But all these elements consist of oscillations and waves! They just can be measured by oscillations and waves. They connect each other by wave energies. Where is the real thing?

The universe is a giant spherical movie, which program is transmitted from the centers of the elementary particles, because there is **something** oscillating. **Something** which we cannot give a comparing name, because it itself is *not a spacetime*, because it *produces* it while its movement. It is like a comparison to a projection lamp. It **is** not the light world itself at the screen directly. It is the condition that this light world **is** there!

What ever was before physical matter? Matter consists of way and time, just of movements. ---

What is there before a projection at a screen is moving itself?

This projected picture consists of way and time, just of movements.

What may these pictures say if they could recognize that they are made from ways and times, just from movements?

They would say: We don't know what was there before the first movement, which we only can recognize with the magnitudes of way and time. Anything else is nothing for us!

But there is something behind the nothingness: It is the projector! ---

And something is there behind the physical matter: There is the transmitter in the empire of the Creator! There are things which are not physical matter, which aren't pictures, but which are the preconditions.

Consequently, the real substance of God is really given. Otherwise, we all were nothing. This real or ideal substance of GOD, we cannot measure, because we do not have any media to do so. That nothing at the origin of the physical matter is *not **the nothing** at all*. It is the relative nothing. Briefly said:

In the beginning, there was not any physical matter, just ideal substance in that empire, which is locked for us. By the movement of these ideal substances according to the intelligent plan and destination, they project the physical matter as an oscillation system into the space of GOD's empire. A space of material spacetime is separated from the space of GOD: „because the empire is yours and the force and the splendor in eternity. Amen!“

The first dimension of matter consequently was (or is) the movement of the Creator's ideal substance. It is drawing the world in which we are living. Every movement of these ideal substances, inside of each elementary particle, is drawing the living reality. In this way, the system of sense of the beginning becomes a system of the continual fulfillment of sense. Only this is the reason why the oscillating Black White Hole, which would be away while packing (conserving) its inside, is there because of its vibrations.

## JOHN, chapter 1 (1 – 4):

„In the beginning was the Word, and the Word was with GOD, and the Word was GOD.“

*It means: a program line was given by GOD the Creator.*

„He was in the beginning with GOD.“

*What is He? This is the program of Something, what cannot have a name. So this description rotates between introduction 1 and 2. This may show the circular movement of the moved ideal substance as I say: the closed movement of GOD's ideal substance is the philosophical matter.*

„All things came to be through him, and without him nothing came to be.“ *It becomes to the equality of the ideal substance moving after program.*

„What came to be through him was life, and this life was the light of the human race;“

*In this program from the beginning, the life was in destination. The given energy and the light was the condition for the creation of man.*

I defined now:

Every spirit is the **open** movement of the ideal substances of the Creator. Into the external Creator's world, it draws the events of the internal material universe world. This way, the soul is made to be a kind of cosm, which does not oscillate, which is eternal and which is filled of all the pictures that the subject just has drawn within his life. After his death, he goes into his external soul-world, that he himself has built and which contacts to all the soul-worlds of his next relationship and friends. This may look like frogspawn from the Creator's world. But we do not see this all. We measure our brain activity in just that moment in which we are **thinking** and in the same time *drawing* into the eternity by this thinking process. We think by psyche. We draw the soul by psyche. Therefore, you cannot set equal soul with psyche anymore.

The psyche is the physical and material world of cosms, waves, energies and oscillations. Psyche certainly is the translation of the word "soul" from Greek, but the complete conception is the error itself. The real soul, you cannot examine, cannot touch and cannot measure. It is the picture of the world laying in the hereafter with GOD, already while you are living. The psyche as thinking and nerve process and material phenomenon, we are able to measure and to examine. It is physical matter and able to be examined by material media.

This is the reason why an oscillating Black White Hole makes a new external mass, only from its internal oscillation, which is perfectly closed. Being totally nothing (esp. proton-mass, electron-mass). The real substances have the movements, which aren't directly measurable but only then measurable, if their movements are closed respectively circularly or elliptically. This movements lead to an oscillation and make the physical matter. This is the reason why I defined the matter as the **closed** movement of something moving.

*That something moving – this is the real substance from the Creator's empire.*

But open movements subscribe the souls or the operations from here into the Creator's empire. It may be that the Creator or the Creators may have created more than one universe with different vibration qualities. We will not prove this anyway. But it is interesting that a closed movement produces new physical matter in the sense of philosophical matter.

Consequently, if we could make a closed movement completely, real energy would come to this world acting many processes. Some of this is reality. If an electric charge is rotating, it produces a magnetic field. If the rotation direction changes, a vibrating electromagnetic wavequantum is following.

Perhaps you may have some idea listening to my lecture: what but does the mass do, which is locked (packed or zipped away) inside an oscillating Black White Hole?

A bigger oscillating Black White Hole is externally lighter than a smaller oscillator. Black White Hole, because it does not oscillate as frequently. It pulsates with light velocity, but now with low frequency. Internally, it has more volume while packing its internal mass away. Vice versa, this internal mass is more or heavier than inside a smaller oscillating Black White hole.

This fact leads us to a real paradox, which nobody of the established physicists can believe:

**Big cosms are externally lighter but internally heavier. Small cosms are externally heavier but internally lighter. Internal and external mass are indirectly proportional coupling by my new material constant  $\kappa$ .**

That constant kappa  $\kappa$ , I calculated and set it to the others. So, the sun would, if it any times were a Black White Hole, is was just extremely light, lighter than a neutrino. This sun-cosm would hardly interact with the externally world. It would fly next to light speed  $C$  as it was itself near a light wavequantum. And inside, it would transport the gigantic mass away.

### The elementary packing law of nature

$$m_{\text{external}} = \kappa / \varphi M_{\text{internal}}$$

$$\kappa = 4,7 \times 10^{-16} \text{ kg}^2 = \text{const}$$

Every cosm carries away packing mass  $M$ , mostly, using very large speed  $v$  reaching to light velocity  $c$ , because the cosm then is very light with the external mass  $m$ .

( $\varphi$  is the inflation variable).

$M_{\text{sun}}$  of about  $10^{30}$  kg would become to  $m_{\text{sun}}$  with  $10^{-46}$  kg and  $\varphi = 1!$

Every cosm consists of a quantization of a multitude of protocosms. Each protocosm is made from a multitude of sub-protocosms, etc., forming a hierarchy of cosms and protocosms.

I call this phenomenon the **elementary packing law of matter**. It is just as normal that science has not seen it. Look around, please, is there something, which was not naturally packed, which would not externally have a shell or a skin, which wouldn't have internally some things, which again are packages? In the end, there are always spherical hierarchies. Not so simple as a Russian Matryoshka, but corresponding to this sense: the package of one into the other under formation of spherical structures. I discovered a natural law at all, because my hypotheses opened my eyes – a natural law – which was not need to now as it was a casualness.

So in universe all the systems are packed and so the sense of its creation is to understand. The systems consist of elementary particles, which make more structure using packages.

Because nobody formulated this natural law before me, I did it now. And I say again: in the system of the hierarchies of the matter, the law of elementary packing is valid. That packing is a QUANTIZATION (according to Niels BOHR)!

This is why you can understand that the elementary packages must have an elementary packing law. There everything is dense. Naturally – the most dense packing at the ideal of the elementary states.

From the outside, you cannot contact the inside using normal media. Just special technical media can reflect the inside structures. Surely, is this rather true? For example, we observe an animal body. It is an image of a Black White Hole (its heart is oscillating) as long as you do not penetrate it using the media of science or you do not parse the dead body! A further image is an eye. Look into it and see the emptiness and the black state, as the eye was the natural equivalent of a cosm. Black in the center, radiations from it (it is the iris), white vacuum as the eyeball, opening and closing all the time. GOD let us look into all the eyes seeing the solution of the universe formula to each time we look at it! We are blind. We see an egg, which is already pregnant: egg shell packing egg white packing egg yolk and packing the germ of life in the center, and we are blind again. We look at an organic cell, and we are blind again, too.

My elementary packing law frightens the feelings of the physicists, though. Mostly, they are still fanatics of Giordano BRUNO and Galileo GALILEE, enemies of the churches, opponents of the Creation. Such a construction as I found, it may not be correct. It would ideally support the Creation and the religions. Such a thing shall not be. Consequently, I am looking like a pseudo scientist, as an esoteric, who mixed some equations under its nonsense that it looks seriously.

Therefore, I surrender your criticism. Let us see both examples.

Certainly, you have already heard of the nuclear force between protons and neutrons. It works between the nucleons of the atomic nucleus. Yes, it is an enormously big force. It is about  $10^{39}$  times more strong than the gravitation force between a proton and a neutron. Where does such a force come here, mathematically? I never saw a physics book, which would calculate very simply and plausibly this force from a proton and a neutron. In the past of school, I was told that the neutrons are the gluten in the atomic nucleus. The nucleus becomes unstable, just the same at too small and at too much gluten. Such an explanation hasn't sufficed me. Neutrons don't stick anyway.

Well, I assumed, the proton and the neutron respectively would be such a stably vibrating Black White Hole using my hypothesis. Because they externally weigh  $10^{-27}$  kg, I calculated the internal mass with my constant kappa, which is been packed away there. There are 280 billion kilogram – just in one single proton. The ideal is a Black White Hole with  $\phi=1$ , with  $\phi$  greater than one we have a Dark Gray Hole, such an unstable one like a protocosm.

## Strong nuclear force explained as internal gravitation

Present explanations without mathematics: Exchange of pions.

My complete explanation: 1. Exchange of wavequanta in the energy level of the pions

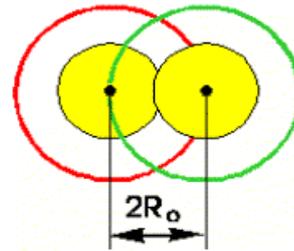
But the essence is:

2. Gravitation between the internal and the external mass of the nucleons

$$\begin{aligned}R_p &= 2,1 \times 10^{-16} \text{ m} \\m_p &= 1,7 \times 10^{-27} \text{ kg} \\M_p &= 2,8 \times 10^{11} \text{ kg}\end{aligned}$$

$$F_N : F_{\text{grav}} > 1,689 \times 10^{38} : 1$$

(4.6,20) p.



This relation corresponds to the expectations and the measurements of physics, but here by me from a total system of a closed theory with vividness and analogies.

Yes, the face of the physicist already twitches together now. He cannot believe this. But he can accept, without being in the possession of any unified theory that these very light particles get attracted with such an extremely strong force. This doesn't disturb him. To this day, no physicist knows with certainty, how the particles come to their mass. They thought to have found a process to this mass creation. The particles would take their mass from a HIGGS particle field, so as if it would have left variously stick at them. That HIGGS particle had to be constructed, because physics thinks at a start of a symmetrical and simple universe. Now this particle was detected at the European nuclear research center with 10 billion dollars. The experiments started in summer 2008 with international participation. Some particle was found, until now of which the scientists believe it should be the god-particle. But I do not so. I think, it is the reflection of the energy of a wavequantum, so of a quantum leap.

The problem is that the super symmetry or the symmetry of the universe shall be proved with the help of the discovery of HIGGS particles. These shall be instable particles about 100 until 200 times heavier than protons.

I don't say, that such particles with so much energy would not be found. I say, there are vast amounts of such super-heavy particles. These are the protocosms, which are inside of the elementary particles, which are giving them their internal mass. It may be therefore, that at the outside of these particles external energy-equivalents of the internal protocosms can be formed. Then one will believe having found everything needed completing their models. But already today, physicists say, the picture of the quarks and of their interactions got as confused that it is even already nasty. Hardly something goes together still well. If still many particles then will arrive, which could be HIGGS particles, then it will be no more clear explanation of this problem.

Again, it is the problem of the fundamental philosophy to correct the picture of the world!

*You just read about my explanation where the mass really comes from: each particle, which is an oscillating cosm, forms its resting mass by the spherical pulsation of its cosm exchanging the energy into all directions between all the other particles and forming both the gravitational and the electromagnetic field from the exchanging processes. That is so much simple!*

Inside of the proton, there are some smaller particles, which are consequently heavier. I mathematically proved that they all can take place inside the proton volume making those 280 billion kilogram!

Imagine, you approach both nucleons to each other, then both particles attract each other just with its gravitation force. This force is relatively weak. But just in this moment, in which the gravitation dot of one of the nucleons goes under the shell of the other nucleon, the internal mass “watches” the external mass at its sky. This is the action area of the nuclear force fast reacting. The external mass comes into the internal spacetime becoming measurable there and has part at the internal interaction. That is also a feature of relationship according to EINSTEIN.

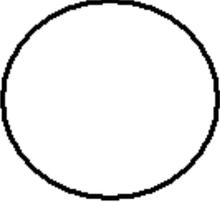
Consequently, the internal mass of 280 billion kg attracts the external mass of  $1.7 \times 10^{-27}$  kg. From this force calculation, the relation of  $10^{38}$  exactly results as called above. On such a simple way, the strong force (nuclear force) was not be calculated before. From this reason, I just created a new model of the atomic nucleus.

Because I have not enough time to inform and to interest you reading my Unified Theory made in honor to Albert EINSTEIN and Max PLANCK, I just explain a second example:

Everybody often told the question. Where does the life come from? Many people think it would come from the universe, because all the other explanations have made more problems. This basis idea may be correct. But the way to where it leads is an error. The comets do not bring life to planets. Strange astronauts didn't fertilize earthly women. Now the problem is solved by me wonderfully and easily.

But one explanation I have to give you before going on. I told you above about those Black Holes, which are totally closed or isolated and eternally stable. Because of the FRIEDMAN-solution of the General Relativity Theory, there are some cosms, which are in change between the states of open and closed and which are completely open. Consequently, these are unstable systems. Now we have to collect three features of cosms, first the universe as isolated cosmos, second the stable elementary particles as closed cosms and third the protocosms as open cosms, closed just for a small time.

**In IOT the Black Holes are named: Non-stationary Black-White Holes NSBWH**

<b>Isolated</b>	<b>closed (stable) opened (unstable, unstable NSBWH are just protocosms)</b>	<b>divergently open or closed</b>
<b>Universe</b>	 <p><b>microcosms</b></p> <ul style="list-style-type: none"> <li>- <b>protons</b></li> <li>- <b>electrons</b></li> <li>- <b>protonneutrinos</b></li> <li>- <b>electronneutrinos</b></li> </ul> <p><b>At their inside are:</b></p> <ul style="list-style-type: none"> <li>- <b>gravitons</b></li> <li>- <b>subtrons</b></li> </ul>	<p><b>protocosms</b></p> 

**Elementarity of the universe**

**Inside of the gravitons and subtrons, there is the moving ideal substance of the Creator! This ideal substance is not physical matter! Its MOVEMENT is the start of the matter, ist beginning!**

Those seeming “Black Holes”, which are observed now by the astronomers in universe are next to the state of it. Their centers are in change. For a short time they close. Because of the instability they open again for a short time. They consequently vibrate between an open and a closed state. This way they seem to be like those Black Holes which are naively expected, which internal mass should be observed at their outside. But the scientists do not know that this gravitation is not continuous because it oscillates between an extremely small external mass  $m$  while closing and an extremely big mass  $M$  while opening. This feature of a Black Hole behaves exactly like observed. There is no contradiction to my theory, but only this fineness of *the discontinuous gravitation!* From there, also lightning can twitch impulsively, because the light always can come out for just a short time opening the shell of that Black White Hole and giving the big internal gravitation to the outside. For example, I explain the star feature, which is named “pulsar” to be an unstable Black White Hole. Black is closed by condensation, white is open by evaporation.

A Black White Hole, which internally has a lot of kinetic energy, is more than unstable. It even expands unlimited, opens into the next spacetime and gives its internal cosmos (subs) into the external universe. Its internal cosmos also open themselves. This way, pre-programmed systems come free from its complete spherical hierarchy consisting of their elementary particles. From this program, all the space order, all these systems are real life programs. They are spherically programmed energy. They organize themselves. They have functions, exchange energy, interact, communicate by information and momentum exchange, and they develop themselves. This feature of unstable cosmos I call **Protocosms**. They are the start of life!

The kind of the program and the size of the protocosms is unlimited by any equation or any condition. There, everything seems to be possible mathematically. Mathematics is an ideal science. You can construct everything with it, real and unreal. Do not forget: Only GOD has the total freedom to program HIS protocosms giving them into HIS isolated universe absolutely!

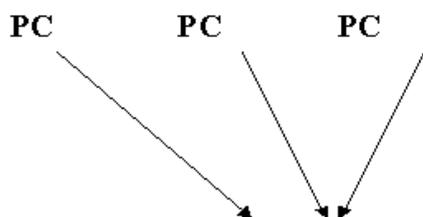
Imagine, if now such a protocosm opens itself at the surface of our Earth, it looks like a spaceship would have opened its doors and give free the hands of GOD. But though, in the shape of extreme energy the available material is destroyed and the chemical elements and compounds are organized newly according to the program, better saying after the will of GOD.

**„Primeval soup“ + accident = nothing, zero!**

**„Primeval soup“ + protocosms = variety of life! Protocosms were before, no soup!**

**The „bombing“ by protocosms (PCs) was given to every time period!**

**Especially, at supernovae nearly our sun.**



**Matter and organic material (it may be „primeval soup“) came from PC, too.**

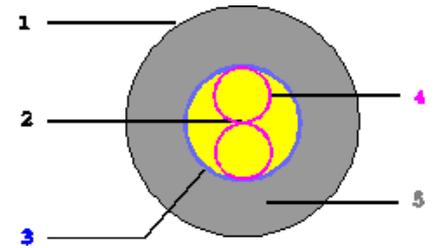
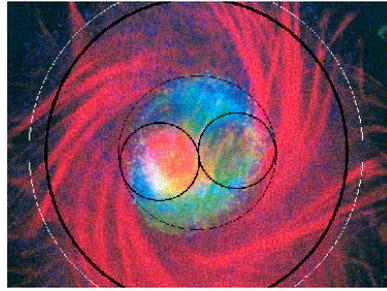
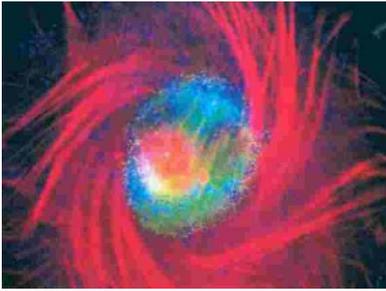
**The programmed and energy-supported forming of organic substances into organisms leads to the permanent and periodic creation of living beings.**

**This will be experimentally provable.**

**Protocosm can be used from particle accelerators and from ball-lightnings.**

Please, look at the comparison of the rat cell to my field's theory solution!

**Comparison of a cell to the laws which make you recognize the universal life as universal-principle**



Here is no galaxy but a cell consisting of a connective tissue of a rat. "Protein fibers of the cell bark are red." The central, oval and blue granulated sphere makes the cell core, which includes both of the core bodies - the nucleons.

Source: bdw 9/2001, p 12,

Bild des Monats: Einblick in die Rattenzelle (H. Scherthan)

Now I have drawn the essential areas: 2 nucleons, 1 cell core and many protein fibers of the cell bark, which obviously have the freedom that they do not have to come back to the center by its run.

Following my theory, the cell is an opened cosm - analogously to the protocosm, or arisen from some protocosm. Although open, it is even closed, because the protein fibers aren't infinite but really ending.

The reason is the exchange. Just one cell doesn't exist. Always there is the exchange with the environment leading to the conservation balance: the amount of given is equal to the amount of taken.

This is the schematic result of my theory, which is valid for all of the closed cosms:

- 1 - The horizon, from which nothing can escape, may be it would be open - like to see in the picture of the middle signed by a white ring.
- 2 - the center
- 3 - The central area of internal mass
- 4 - The parities
- 5 - The vacuum space of returning radiation

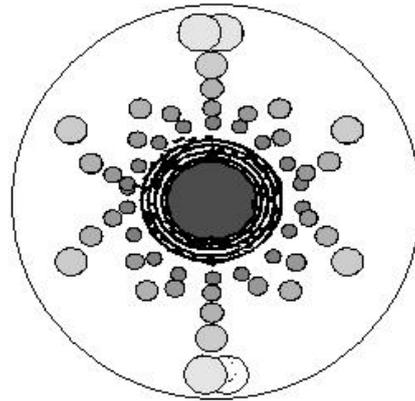
[Cells and bodies are oscillating like protocosms!](#)

At its inside, the ideal oscillator has a programmed spherical order of its sub-cosms. This quantization you can meet in nature – in the creation – everywhere.

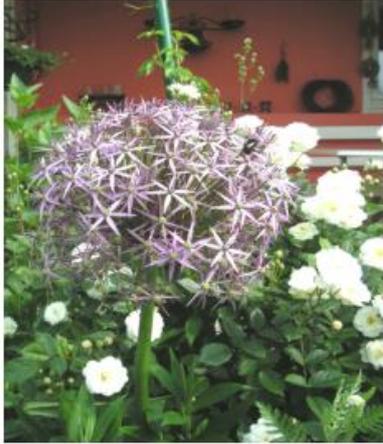
Must I still say more to this? All the possible new living beings, which there were not on this Earth before marching out from the protocosms – this is a turn of the unicellular organisms up to the complete complex living beings. Still they only consist of hydrogen and energy. By the fact that they however meet the available chemical substances of the Earth, the energetic programs reconcile themselves with the Earth, the plants and the available living beings. So, they make the living beings newly.

## An ideal oscillator

In my theory:



In nature (creation):



Psalm 66, 5:

**„Come together and see the work of God who is as wonderful doing this ...“ , so that you find all the truth around you! (Ackermann)**

Of earth you have become -- you shall become to earth again.

In the result of my theory, I became deeply religious. I am very close to the Christian-Jewish culture and its tradition, however I cannot belong to any religious community, because the religions set their frames to me too narrowly. I also reject decidedly the accusation, I wanted to found a new sect. Within my book I have already declined such a method. In my book, I emphasize, that we will believe with more knowledge, but we will not leave our own life of faith, but we will act free without a central above us to the only honor of GOD. Everybody has his freedom to be a member of some religions. But I myself do not want to found a new, because there are enough of them in this world taking away the peace of us.

When ever I work for society and politics, then I do it, when the freedom is limited more and more and when the justice is in need.

Liberty and law – these are my shrines! In this respect, I think these are also your claims.

Originally, I wanted to stop in this place. This was like a rip in a street on which I have walked for 100 meters what is 10 km long in reality, however. My book has 602 pages. It is completely out of the etiquette. They printed it with the smallest script. If it had adhered to the demands of the usual regulations of novels, then more than 2000 pages were in need. Well, I should hold you a lecture, which would run without rest periods ten days behind each other explaining you each facts and solutions from my book. This is completely sure by no means.

Since the organizers however had reserved me 1.5 hours, I would like to explain **one** problem still meaning to the physics.

I saw once an advertising on television. Two women lay on the beach in their bikini. A macho appeared behind them and played with upper part of the body muscles. There, he heard about what both women spoke. He collapsed muscularly and crept of this place. The Ladies spoke about what would happen to the physics well, if the HEISENBERG's Uncertainty Principle would not be correct. I have had a good reason smiling at that time. Come along, please.

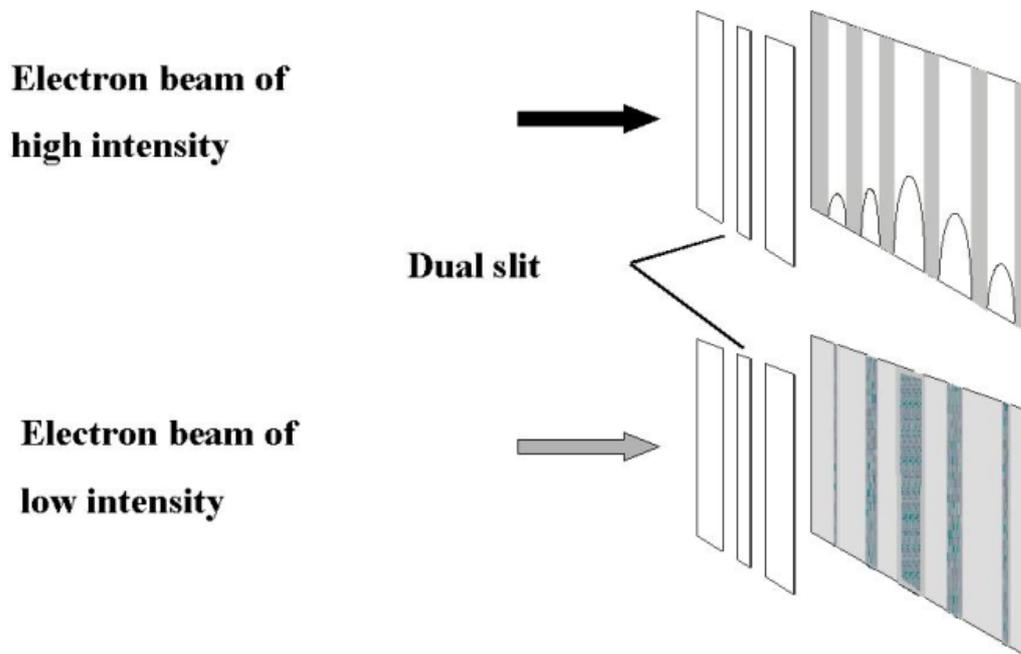
***The correction of the cardinal error, which was made at the interpretation of the historical dual-slit experiment, will change the world!***

Well, I would like to speak about the fault of the interpretation of the dual-slit experiment that my theory clearly gets visible: there are no slightest solid particles in the sense of real substances.

For example, during the dual-slit experiment, an electron beam or a photon beam is escorted about a dual-slit on an indicator screen. Until today, one thinks, electrons would be particles, which would show a wave character. Photons but would be light wavequanta, which would show a light particle character. The world would exist from the dual character of the material matter by the equality of wave and compact particle.

In my counter thesis, I have doubts about this and assert as following. *The matter doesn't have any compact particle character at all.* It has only *wave, wavequantum and oscillator character.* Both is in agreement as oscillators are wave producers and wave exchangers. There are not elementary particles in the shape of compact bodies at all.

Let us look, what one noticed on the screen of the experiment.



At low intensity of the beam, if few electrons or few photons are sent out, then single luminous points appear on the indicator screen like gritted by chance filling out the stripes by time. The details change themselves *fluently* to wavy overlapping pictures at increasing and high intensity. Today one thinks that the points would be the reflections of the particle character of the matter. Additionally, one thinks that the wave images would be the illustrations of the wave character of the matter.

I think that this interpretation is naive really and it is no longer worthy of a highbrow physics with its great claims.

Because of this naivety of the evaluation of the observation, today one thinks that the matter would consist of solid particles and waves.

However, this is nonsensical, because:

Only the change of the intensity of a beam cannot change the appearance of the matter anyway! Let us use a parable: You shot up with few cherry pits. This is the low intensity. You then shot more and more cherry pits. Do the cherry pits change into plum pits or different ones? Well, there is a continuity, a fluent transition, here, while intensity changes, but not the quality!

Nothing else is done in the experiment but to increase the set of the radiated elementary particles fluently. *The illustrations on the indicator simply always must have the same cause.* They well cannot arbitrarily be dated once from particles and then from wavequanta. This means in no case that the single **point** on the indicator screen can not be something different as the **amount of points** flowing together drawing a wave picture at the screen. Consequently, this point cannot be the fix hit of one solid particle, if after it the following light appearances are explained as wave pictures. Now I say: **The single point consequently is a part of the wave picture, which is still incomplete till then.**

However, through what is the wave phenomenon or the wave property drawn, actually?

Yes, it is drawn by the interactions of the wave quanta, but never by the direct hits of the particles, which you like to imagine as solid bodies, but which are not solid bodies really. In this respect, you could not indicate the particles directly at all, if they are spherical oscillators according to my theory model now. However, we can indicate and make visible their radiated wavequanta on the screen. This is so as if the particle would be a gun, which sends out balls into all directions. The targets hit the indicator wall. However, the particle is invisible for the wall. It doesn't interact with the indicator wall at all!

Let us make it more simply: Your mobile telephone sends a wavequantum to the participant. Is now the participant able to discover the manufacturer of your mobile telephone? Can he measure, observe and weigh your mobile telephone by sending waves? Your wave of your mobile telephone just meets the oscillating circuit of the receiver of your partner. Does your mobile just collide him? Even then, if you are in journey with your mobile telephone. Does your automobile wrap into your partner?

If you answer these questions to yourself correctly, then you recognize the embarrassed fault of the physics really.

I summarize:

With my theory, *the interactions are always descended from the wavequanta* at the indicator, because there aren't any corpuscles there and there is not any particle character consequently, which would be measurable with the media of the matter. The so-called "elementary particles" are **elementary cosms** in oscillations really.

Consequently, the hit points, which occasionally appear at low intensity of the ray treatment at the indicator, cannot be the slightest particle hits. In reality, they are the interaction hits of the single wavequanta, which just sent or received by the single particles. It is just as would exchange balls throw momenta and data capturing by the indicator screen. The balls called exchange momenta in the physics. They are indicated now, but not the particles themselves, which aren't substances but vibrating Black White Holes, however. One cannot measure their paths directly.

Well, the saying of the interpretation of this experiment is wrong. This has far-reaching consequences.

There is no dual nature of matter in the form of corpuscular and wave nature. It only given is the **unity nature** of the matter in the shape of its **oscillation and wave nature**. This is a considerable difference to the opinion of the present physics!

There aren't corpuscles, real particles or substances or elementary things from matter. The debate also stops, wanting to explain the absurdity of the dual character with spectacular and fairytale hypotheses. Wave and wavequantum are dual.

The effect of the corpuscular phenomenon, of the particle appearance, only arises as a momentum interaction between the oscillations and waves. Therefore, only such effects can be identified, but never the particles themselves as complete or compact phenomenon. Certainly, you can locate a mobile telephone. You also can locate a cosmos. However, you can never represent it as a solid body in its absolute dimension.

Therefore, well the interpretation of the HEISENBERG's Uncertainty Principle is also wrong. I have simply stated this at the end of the page 319 of my „Book Arcus I“, at just a small paragraph. Everybody can read it without noticing it. It must have been so until now.

It is the most important line anyway:

*The Uncertainty Principle means until now, one cannot determine the change of the particle location and the change of the particle momentum with arbitrary precision simultaneously.*

This weak interpretation has confused the brains of a whole generation of scientists. The blurred states of both physical dimensions have inspired them to daredevil thoughts, even, that the complete world would be unreal. There then still was the nonsense with the SCHRÖDINGER cat in the box.

**Yes, if someone throws you with cherry pits, but you cannot state, where these things come from, than you think that the physical field of the movements of the cherry pits only exists. The thrower appears as unreal for you. If you then interprets, however, the cherry pits would be their own throwers you are in the same dilemma like Quantum Theory!**

All these constructs, which were set up to justify the nonsense of the statement of the Uncertainty Principle remain thus wrong. Stephen W. HAWKING's theories, in this respect, were also built on sand.

I tell you. The particle as vibrating cosmos is reality absolutely. You only cannot localize it selectively with the natural means given us at all. You establish only the interactions by the fact that the cosm oscillates, it produces waves and it exchanges them. The smaller you choose the frequency of the interaction, the closer you come to the position of the center of the elementary particle.

HEISENBERG's Uncertainty Relation, therefore, has to be worded correctly:

**“The change of the amplitude and the change of the momentum of a wave quantum, which is just exchanged by its particles, are only measurable with restricted precision simultaneously.”**

The conclusion of Max BORN is consequently wrong, too. He told us “The amplitude square is a measure of the position probability of the particle.” He among others got a NOBEL Prize for this interpretation in the thirties.

It must be called right: **“The square of wave amplitude of the matter-wave is a measure of the interaction probability of those wavequanta, which the unobservable particle just exchanges with other particles.”**

These are finenesses. Hair-splitting! Without these, however, the picture of the world is wrong.

How do we find out from this dilemma now? We do not want to give up the concept of “elementary particles” as a word. No, consequently we will define it new. Instead of describing it as a solid corpuscle reacting like a dot, we define it now: **The elementary particle is a kind of cosm, which forms a spherical oscillator exchanging spherical waves between the other cosms and while it**

**is in movement it forms secondary waves in the shape of electromagnetic and gravitomagnetic wavequanta exchanging them with other cosms. The complete cosm itself does not interact. Its internal particles only draw their multiple wave quantum interactions into the outside.**

With this complete correction of the opinion – of the philosophy of the quantum theory – not only the opinion world of the physics breaks down, but their equations will survive, no, the philosophical base of that people who hate GOD will break down, too.

The way of the believers is free, that they will become knowing people when the words of Jesus CHRIST will be true: “I have to tell you much more, but you cannot bear it now.” “But when he comes, the Spirit of truth, he will guide you to all the truth.” JOHN, chapter 16 (12 and 13).

The Holy Spirit of the truth on Earth, this well may be nothing else as the intuition by GOD saying some truth about the creation.

I think that I have something contributed to this task. I am happy about this, and I open my heart for all the knowledge thirsty people and cure their need on their search for truth.

Another information and the contents of my book from my web side you can download yourself free of charge if required. My website is on [www.arcusuniverse.com](http://www.arcusuniverse.com). It is signed in English for I publish both in German and in English. The “Arcusuniversum” in German is the “arcusuniverse” in English. I do not like too much English words in my German mother tongue.

Many thanks for your attention!

Appendices:

### ***Stupidities of the Physics without Order***

#### **First stupidity is the question of the symmetry.**

They believe, the world has been symmetrical in the beginning. They make the problem intentionally difficult because it would be too easy to assume it would have been asymmetrical.

Yes, one watches an asymmetrical world in everything! Therefore, it would be simple to explain, the world in its beginning was designed asymmetrically, so the physicists publish their meaning.

It is much more promising to break himself the head, how a symmetry becomes an asymmetry. The success then is to work eternally and to waste taxes.

What is regarded actually as logical? It is forbidden to pull a conclusion from a single premise! In the inversion of an argument, it should be forbidden to derive a lot of premises from one conclusion standing in total contradiction to each other.

Let us construct, X billion asymmetries are observed – then x billion premises are valid. The conclusion was logical: the beginning has to be asymmetrical. This would be the right way!

Another parable: I watch one hundred components, which have prowled red. My conclusion would be as physicists think today as follows. In the beginning was a green color, which was arbitrarily red. I now give me myself the task to find out this change of color.

Yes, in this way physicists make a wrong conclusion like this that they eternally have work.

## **Second stupidity is the question of the mass**

My physics teacher asks us twits a long time ago: What does weigh more, one kilogram of birth feathers or one kg of lead? Naturally, the lead, we meant! But, what a disaster!

Today, physicists still work with the concept of the mass with pure volume equivalents. The HIGGS particle would have 100 times more mass than a proton. It was a "giant particle", they mean. They think as well as if particles had become build together from uniform bricks and they would be the larger the heavier they were.

Therefore, they are able to mean that HIGGS particles would hand over mass to other particles: At the particles would rest some mass by wandering through the HIGGS field.

One only can think so, if the thinking about the concept of the mass is naive really.

In reality, the mass is the expression of the oscillation, of the pulsation; the electric charge, too. Consequently, a cosm as a particle is the smaller the heavier it is.

If one will mean to have found HIGGS particles, then they again will be the correspondences of the protocosms of the hadrons. Such phenomena they found already 20 years ago as W and Z bosons, each about 100 times heavier than protons. From this system of incorrect assignments, physics won't find something better in the next time.

## **Third stupidity is the destruction of elementary particles**

They also think elementary particles would be destroyed when colliding. A misery!

In reality, the particles don't collide on each other but the wavequanta do it at all. This interaction makes fields and compounds of particles from here, which correspond to the energy of interaction. The stable inside of the stable particles never comes out directly. Only, the unstable surplus what was given to the stable particle "comes out", because it is not internal, because it is external at all the time!

After the external interaction, the elementary particles, which were destabilized before, form back themselves again. They never lose their authenticity. This is the meaning of the sentence of the conservation of the stable elementary particles in my theory.

And all these stupidities have their cause in the **fourth stupidity**:

## **The dual nature of the matter by particles and waves.**

If they had cleared from the beginning that the **unity nature of the matter consists of oscillators, wavequanta and waves**, then they could have saved themselves from all the different problems of stupidity.



Corrected text, January 29<sup>th</sup>, 2021