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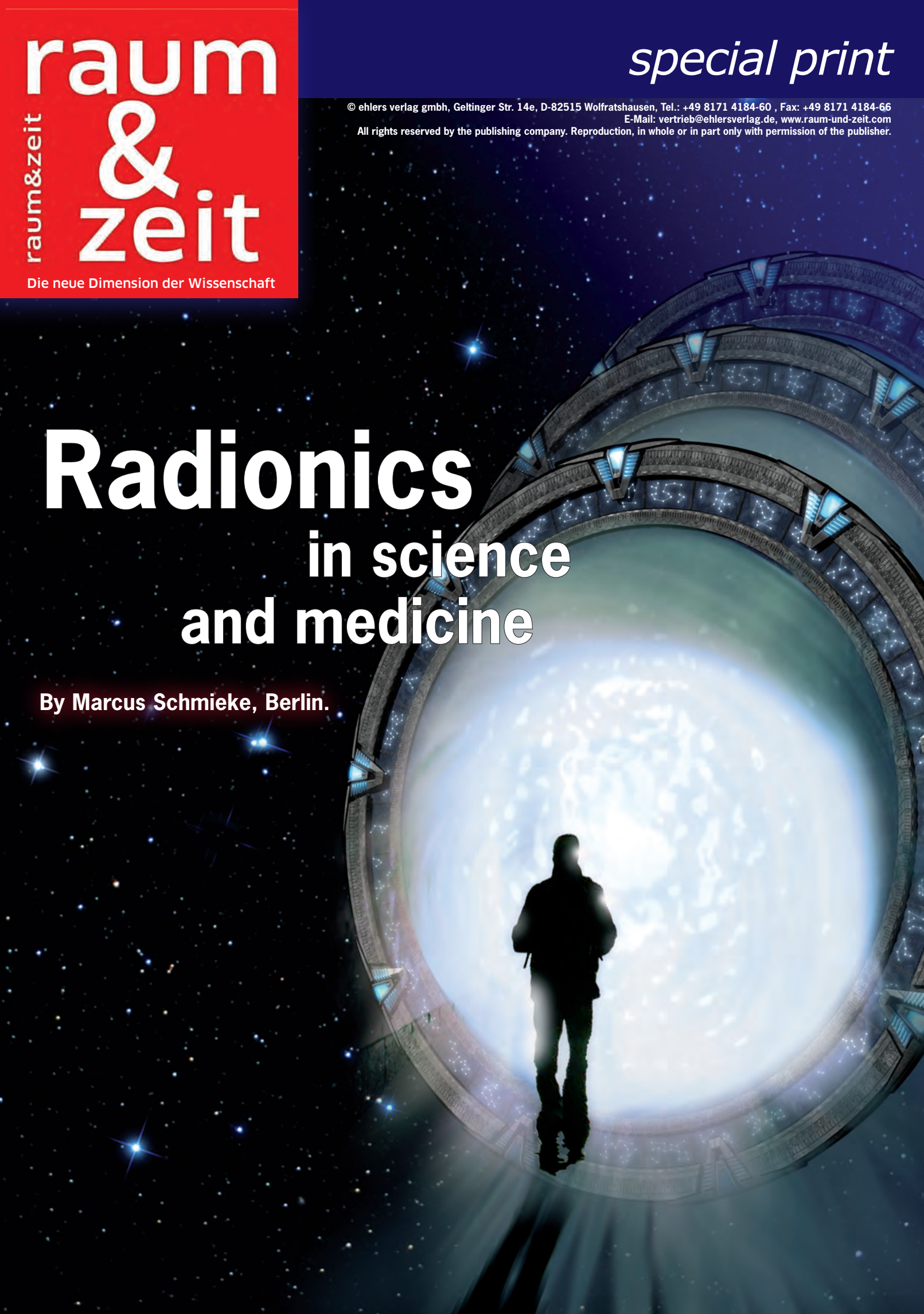
special print

Radionics
in science and medicine

By Marcus Schmieke, Berlin.



The physics of consciousness

Radionics – The interface between mind and matter

Radionics approaches an application from a non-dualistic viewpoint. Therefore, matter and consciousness are not separate; they are in contact on the quantum level. Marcus Schmieke explains the principles of the computerised ability of consciousness to influence things, processes, and systems.

By Marcus Schmieke, Berlin.

Extensive consideration of radionics leads to a fundamental question: What has radionics, and thus, communication between consciousness and matter, to do with physics? In other words: To what extent are radionic devices and procedures subject to recordable physical principles and to what extent are they dependent on the subjective nature, and thus, on the mental abilities and power of their user´s consciousness?
Based on their practical experience, most radionics-therapists are in agreement about the fact that the user´s consciousness decisively contributes to an effective radionic application. They regard the user´s intention, attention, and mental ability as the primary factors providing a radionics system with accurate analyses and effective balancing. They rather regard the applied radionics device as a supporting and intensifying instrument.
Based on this conviction, now the question arises, to what extent does the construction details of the device matter in radionics? What role do the physical component play, and is the user´s consciousness crucial for the quality of radionics work? Is it generally possible to specify universally valid physical principles a radionics system should be constructed with?

Consciousness is the primary factor

Basically, radionics is regarded as an interface between matter and consciousness. Therefore, a radionics device is an interface, a technical system supporting the user´s consciousness in communicating with their material environment. Thus, consciousness has the primary importance, the quality of the applied system is of secondary importance. This means that the influence of the applied radionics system on the quality of the radionic work is highly dependent on the importance the user ascribes to it.
This can be explained using the example of a phone call. Even when making a call, the technology and quality of the phone play a role. A faulty telephone system will make communication more difficult. But what counts is the willingness of the individuals to communicate. A pair of lovers, two businessmen at a crucial stage, a mother listening to her long-lost son – none of them will be swayed by any serious interference of the connection quality, but will communicate with great effort and determination. A man, however, who is tired and uninterested, or receives an unpleasant call, will take the noise and crackling on the line as a welcome opportunity to end the call.

Mental power can replace technology

In other words, the influence of a communication system on the quality of communication is highly dependent on the importance the parties concerned attribute to it. The more functions the user transfers to a communication system, the more dependent they are on its quality and features. Conversely, the quality of the communication system loses even more importance, if the user transfers less functions to it.
Similarly, the importance of physics in radionics depends on the extent the user transfers important radionic func-

tions to the radionics device. The more the user stays out of the implementation of radionic analysis and balancing, the more important the technical quality of their radionics device is. However, if they perform the actual radionic work predominantly using their own mental power, the type of construction and the quality of the device become less important.

The decision on this is very individual and can not be assessed. Some people have such a high mental and spiritual power that their inner communication channel is wide open. It may be the case that they are able to communicate with fields of consciousness even without aids and that they will primarily use a radionics system to simplify work with regard to the comprehensive evaluations. But most of us will greatly benefit from a sophisticated radionics system supporting us in the communication with matter.

The role of devices

In this article, we primarily deal with computerised radionics devices. Since they process large amounts of information in a very short time using their high computational power, the user can delegate a considerable part of the practical radionic work to the device. This not only saves time, but it also reduces the likelihood that the evaluations are influenced by the user´s subjective perception.

The above consideration make it especially clear that such systems - where the user transfers a significant part of radionic communication to them - must have an importance placed on the physical quality and the construction of the devices. The first question that arises is if and how such a computerised system can perform independent radionic analyses and balancing. How can a device, a system without its own consciousness, perform functions that are dependent on the consciousness?

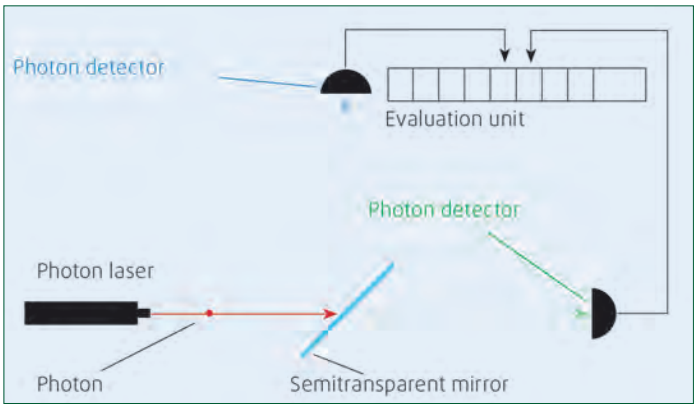
The German philosopher and logician Gotthard Günther offers in his book, "The consciousness of the machines", a profound explanation. Günther accompanied the early development of cybernetics in close collaboration with Heinz von Foerster. In his essays and books, he demonstrates the basis of multi-valued logic, a logic that describes complex intelligent systems while connecting tangible and conscious components. The outstanding performance of Gunther is that he no longer describes matter and consciousness as the two opposite poles of a dualistic world, but as interdependent aspects of one reality.

The environment reflects consciousness

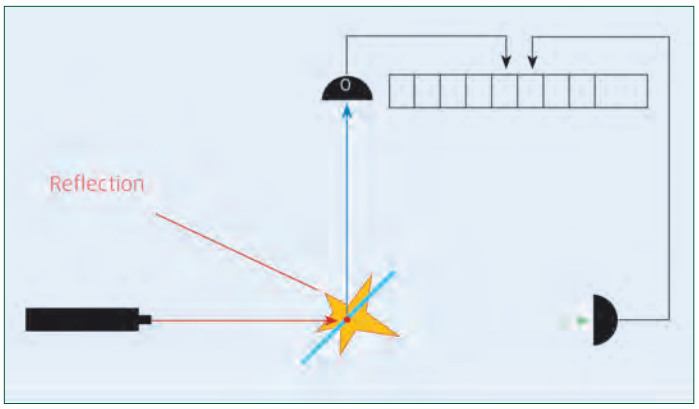
Günther regards matter and consciousness as two complementary manifestations of one reality. Nothing is either matter or consciousness. The human, a conscious being, is inseparably linked with their environment that primarily consists of matter. A part of

Gotthard Günther (1900–1984), The founder of the poly-contextural logic, laid the foundation for understanding concisousness transfer in Radionics with his work "The awarness of machines".

Heinz von Foerster (1911–2002), Austrian physicist, Professor of Biophysics and longtime director of the Biological Computer Laboratory, Illinois . He is considered a co-founder of cybernetic science.



Light quantum effect for radionic information evaluation: A laser sends photons to a semitransparent mirror. The photon can either pass the mirror or be reflected. On both sides detectors register the photon and send a signal in a still undefined state to an evaluation unit.



The decision which way the photon takes is a pure quantum physical effect that is unpredictable. If the photon is reflected, a 0 is sent by the corresponding detector to the evaluation unit.

our own consciousness flows into our environment due to the fact that we perceive, design, and act in it. The environment perceived and designed by us reflects our consciousness and becomes aware of itself in this way. Although this "flowing", the efflux of consciousness, is related to the consciousness of the acting person, it separates itself from their self-consciousness or ego and develops a certain freedom and independence from the perceptions and decisions of the ego. This is consciousness without self-consciousness. As such, it is a reflection of the human consciousness on the one hand and an independent phenomenon on the other hand.

The same principle also applies to the development of machines of any kind and their application. The quality and action ability of the flowed consciousness strongly depends on the complexity, quality, and condition of the technical system. Especially with modern computer systems, the independence of the effluxed consciousness - in the form of hardware and software becoming more and more complex - sometimes turns into forms that are reminiscent of an independently thinking and sentient individual.

One can experience this flow of consciousness when dealing intensively with a computer for a long time. In the course of this, we invest, so to speak, a part of our consciousness into the machine. However, we do not regard this efflux as a loss, but as an extension of our conscious abilities. At the same time, the absorption of consciousness through the computer often leads to a limitation of our perception and our actions in the real world.

Even machines have liberties

Most noticeably, one feels the effluxed part of one´s consciousness when the computer suddenly crashes and refuses its services. If this condition proves as permanent, one has to laboriously regain the lost parts of one´s consciousness. Everyone, who has ever gone through the ordeal of a comprehensive data recovery can immediately understand this. Only in the experience of this loss one perceives how much of the own consciousness flowed into the machine.

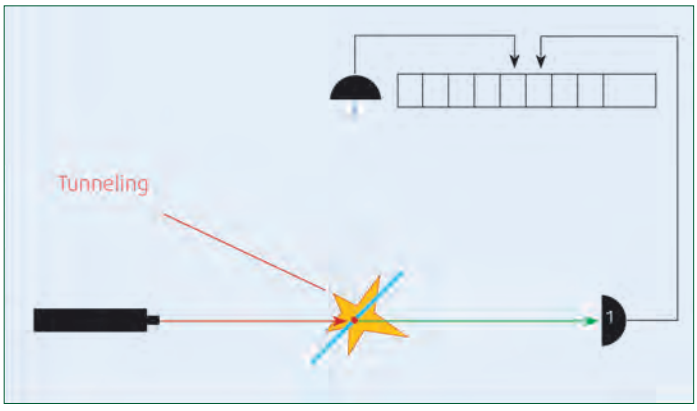
The same happens when someone intensely involves themselves with a radionics system and uses it in practice. A part of their consciousness flows into the system, but without losing a part of it. Rather, they outsource certain conscious skills and pass them to the radionics system. Since the consciousness that is reflected by the system is disconnected from the user´s ego and self-consciousness, it has a certain degree of freedom and independence and can work independently. Therefore, it does not need the attention of the ego, and reversely, it is not influenced in its actions.

However, since the consciousness efflux has no individual self, it does not have any self intention or ethical orientation. These higher functions of self-consciousness always remain at its source. They can not be transferred

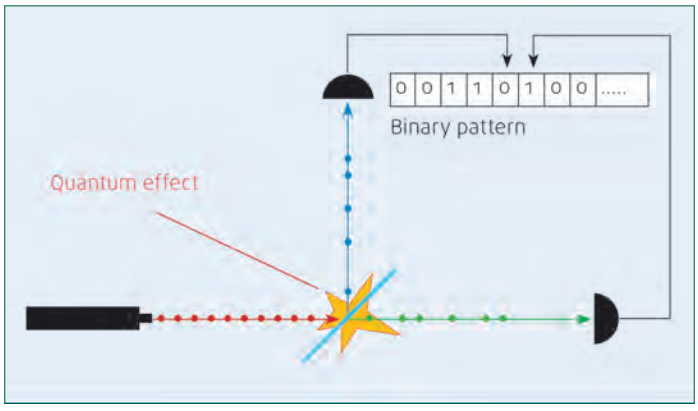
What is Radionics?

Radionics is how the science writer Marco Bishop writes, *"a modern, the ideas of the electronics transmitted form of dowsing"*. It is used especially in diagnosis and therapy, but also in horticulture (see box "example"), in agriculture, forestry and general problems in companies, projects and processes. The Radionics is based on the idea that every object and every process has a vibration pattern on a subtle level (quantum information field). Using a Radionicsdevice allows one hand to determine the vibration pattern of the object or person. The device makes use of for a diagnosis of connected databases. On the other hand helps the device to implement human intentions in subtle fields in order to balance the real situation on the interaction with the vibrational patterns. It is not always necessary that a person or an object in a radionic session must be present themselves. A hair, a drop of blood, a photo or just the name on a paper can be enough. Radionic methods used, according to Marco Bischof even the US Department of Agriculture in the 90s in a research project for Sustainable Agriculture (ATTRA = Appropriate Technology Transfer for Rural Areas).

Note: Science doesn't recognize the existence of information fields and their meaning due to lack of scientific evidence.



If the photon passes the mirror, the detector sends a 1 to the evaluation unit.



In this way a high-frequency binary number sequence is produced in an absolutely non-deterministic way, and therefore ideal for radionic communication.

Probably the second most famous equation of physics is the Schrödinger equation: $H \psi = E \psi$

H is a mathematical operator , ψ the wave function of a particle and E its energy.

Erwin Schrödinger (1887–1961), one of fathers of quantum physics

to the machine. Only the user is responsible for the outcome of their actions. This is the reason why the quality of radionic work primarily depends on ones understanding, intentions, and ethical orientation. In contrast to this, the way the effluxed consciousness can work through the radionics system, crucially depends on the design and the physical quality of the device used.

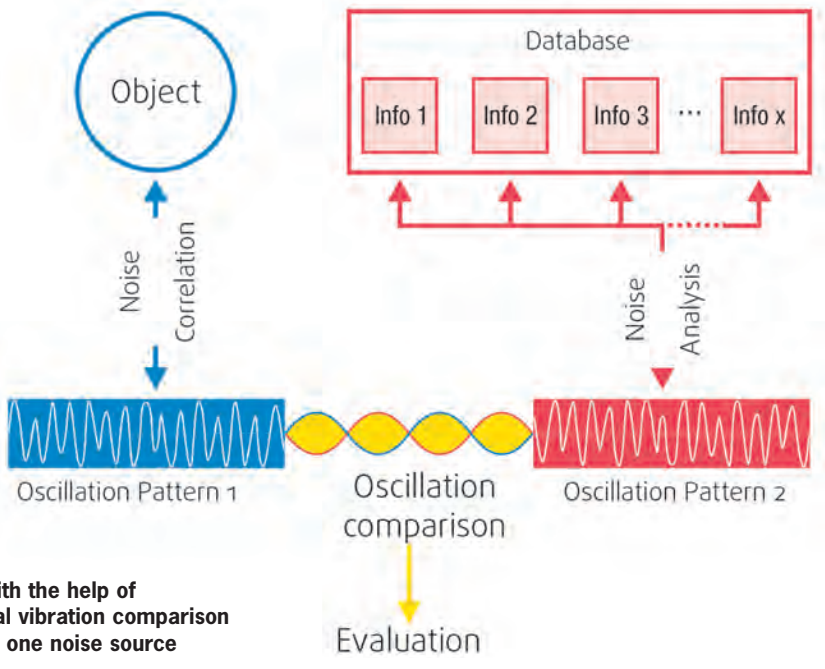
Quantum events as radionics interfaces

We defined a radionics system as an interface between matter and consciousness. Since it interacts both with consciousness and with matter, it is not exclusively determined by these two factors, but depends on both of them, whereas - as stated above - in varying degrees according to the user´s individuality.

Thus, each radionics system contains a physical component. For the purpose that this is open to the impulses of consciousness, it must contain non-deterministic elements. These are elements with processes that are not predetermined by tangible factors. Only then, the consciousness of the device can manifest its freedom from the tangible substance and the user´s self-consciousness and can communicate with the consciousness of the object that is to be examined or balanced.

Non-deterministic processes can be particularly found in physical quantum events. Quantum physics describes reality in the form of probabilities. By means of the Schrödinger equation, one can calculate the probability of an occurrence for every physical event, while physical events in their entirety can be predicted in general. If they occurred, one can exactly track how and why they happened. At the quantum level, however, the individual physical event is undetermined. It is impossible to predict it. In retrospect, there is no possibility to determine why exactly this event and not another one occurred.

Since all events in our world of macroscopic phenomena are made up of an almost infinite number of individual microscopic events - namely those on the elementary particle level - we do not perceive this deterministic indeterminacy of the quantum level. The



Vibration comparison:
Scheme of radionic information evaluation with the help of two noise sources. Here you find real physical vibration comparison in contrast to conventional systems with only one noise source

An example from the radionic practice

Très Jolie is an organic bio-berries cultivation near Zeist in Holland. Since the year 2007 when a major part of their crop was lost to pests and storms, there was initiated shielding and balancing by a radionic analysis. This consisted of the following steps:

- General protection program with affirmations: protection against frost, drought and floods, etc., but also from unwanted intruders and vandalism
- Compensation of geopathic disturbances and electromagnetic pollution
- Energy program by means of personal affirmations. Each bed was getting its own, the circumstances adapted protection program.
- Personality analysis of the two holders, balancing and harmonizing confounders.

There was a constant monitoring and dynamic correction.
The results were very convincing so far:

- After a frost incident in March frost damage have been repeatedly reported in the neighboring properties. Très Jolie on the other hand was spared.
- Heavy aphid infested parts of berry gardens were after a little reprogramming and three weeks optimization as well as free of aphids.
- When in early May a fierce caterpillar invasion announced, three weeks later 95% of them disappeared.
- Originally, the transitions between the bushes and shrubs full of thistles and nettles. After four weeks, the thistles had dispersed to the edges of the beds.
- After creating a special birds of pray program the berrygarden almost completely was spared from unwanted gourmets.
- The entire planting today exudes a noticeable increase in energy.
- Also quality and size of the berries were as well as doubled. Only one drawback has been there: Due to the energized soil not only the shrubs and bushes and their income, but also grass and wild herbs thrive gorgeously However, it seemed the berries didn't mind: They are thicker and sweeter than ever.

Dr. Willy DeMaeyer and Gabriele Breyer, Radionic Consultants

indeterminacy of micro events results in their sum - at the macroscopic level - in a mean value which can be predicted, since the diverse "random" micro events must not be taken into account in this case. Therefore we can describe everyday events with best approximation by means of deterministic classical physics.

Quantum processes are "free decisions"

However, when considering an individual quantum event, it will appear detached from all factors of its tangible environment. Nevertheless, it is a tangible, physically describable event. Due to this, the non-deterministic components that a radionics system could possibly use to communicate with consciousness, can be found there. In order to implement this, one has to isolate a microscopic quantum process and has to represent its result macroscopically, so that one is able to observe it and one can evaluate its behavior. Such a microscopic event is, for example, the quantum leap of an elementary particle, which means there is an equal probability level for each of the two paths available.

This decision, and thus the quantum event, only occurs when an observer intervenes. This can be mathematically described by means of the wave equation containing both paths as possibilities. As long as the elementary particle is not observed, it is distributed on each of these two paths with equal probability in the form of a wave. But as soon as the elementary particle is observed, perhaps with the help of two detectors that monitor both possible paths, the wave equation collapses. It no longer allows any probability distribution, but demands that the elementary particle is either located on the one or the other path. Otherwise it could not be observed by the detectors.

This so-called wave function collapse is called quantum event. The path which the elementary particle decides for gets probability 1, the unrealized path gets probability 0. The "decision" of the elementary particle has no physically describable cause, it is completely undetermined. The fathers of quantum physics, Nils Bohr and Erwin Schrödinger for example, saw the interface between matter and consciousness in such quantum events. There is no obvious external physical cause of a quantum event. Consequently, a non-tangible influence can be exerted by the consciousness and the related information fields.

Photons as radionic information carriers

Thus, matter communicates with consciousness in the individual quantum events. However, it is a demanding challenge to isolate individual quantum events and to observe them individually. So-called single-photon lasers are a possible technical achievement. Weak lasers generate single photons. These are subject to a quantum event, a decision to choose one of two potential paths. This is done when the photons hit a semitransparent mirror at a 45° angle. The single photon will either pass the glass plate without any hindrance or will be reflected with equal probability. By recording both possible paths using single-photon detectors, one can record this individual quantum process and is able to make it visible.

Even for other reasons, photons are ideal for radionic work. Although photons are the smallest elementary particles in the universe, they can save more information than all other forms of matter. Even the cells of our body use light to communicate with each other. In the bio-photons of the cells more information is stored than in the DNA-molecules of the entire human genome. According to the quantum field theory of the German phy-

Note: Science doesn't recognize the existence of information fields andtheir meaning and the TimeWaver systems with their applications due to lack of scientific evidence.

sicist Burkhard Heim, light also forms the connection between the three-dimensional reality and the information spaces. No elementary particle is more suitable for the communication between consciousness and information field than the photon.

White noise in radionics

The quantum light effect has an additional advantage over other radionic methods. In these methods, analog electrical signals, the white noise diodes (a kind of rectifier) for example, are used. Here however, we need to consistently ensure a clean physical implementation. This is especially true for careful shielding against electromagnetic interference. If this is neglected, we receive cell phone radiation and television programs instead of making contact with information fields. In contrast, the quantum light effect is subject to nearly no electromagnetic influences and other parameters of the physical environment. The quantum light effect can be ideally isolated. Therefore, the purest form of radionic communication takes place via individual photons making the connection to the information field by individual quantum processes.

Furthermore, it is important to use unfiltered signals. Most systems on the market use diodes with an electronic filter that standardizes the signal distribution to 50 - 50 in order to obtain statistically relevant random numbers. Unfortunately, a valuable part of radionic information gets lost in the course of this.

Even the question of how to evaluate the noise plays an important role. Most conventional systems use the noise as a kind of digital random generator that selects appropriate entries from the databases for analysis. This method has proven itself in practice, but it leads to considerable statistical scattering losses. Therefore, the results of systems operating solely with one noise source, are reproducible in very few cases.

However, if you work with more than one noise source, you can compare the different noise signals directly. Even with two concurrently running noise sources, such a comparison of vibration can be performed. This way, one can simultaneously measure the vibration of the examined object (or person), and the information one wants to evaluate, and finally compare both vibrations with each other. The analysis competence will increase significantly by this process.

In the individual quantum events the matter communicates with the consciousness.

In summary one can say that the consistent implementation of the findings of modern physics can lead to a significant increase in the performance of radionics systems. This is especially true for systems that automate a large proportion of the analysis and balancing and thus leave this to the effluxed part of the user´s consciousness. It is this transfer of consciousness to a technical device that requires a thorough consideration of the physical fundamentals and their practical implementation.

Space-Energy Continuum according to Burkhard Heim

Both types of radionic communication - the quantum light effect and the noise of diodes - seem to complement each other in their range of applications.

Noise sources that should deliver a radionically valuable signal must be carefully shielded against electromagnetic radiation.

The author carried out extensive test series concerning the vibration comparison; on the basis of the quantum light effect as well as taking the white noise of diodes in different frequency ranges into account. His results suggest the assumption that one makes contact with two different levels of reality in this way.

This is supported by the twelve-dimensional quantum field theory, developed by the late German physicist Burkard Heim (1925–2001, see figure above). According to this theory, the physical reality can be illustrated in a six-dimensional energy space and an opposing six-dimensional information space. Tangible processes form in the energy space, while the information space represents mental processes.

The author

Marcus Schmieke

During his studies (physics and philosophy), Marcus Schmieke was already interested in the interaction between matter and consciousness. The result was his first book in 1994, "The last secret – science and consciousness."

In 1996 he founded "The Veda Academy, to integrate science and spirituality" (www.veden-akademie.de). In the same year he began his radionics research.

His second book "Life Field" (1997), examines the relationship between Radionics and information fields.

Unsatisfied with available Radionics devices, he began to develop his own Radionics systems. He received important catalysts for his work from his personal meetings with the physicist Burkhard Heim, and from this basis he developed the TimeWaver radionics system, in which the ancient wisdom of the Indian vedas were incorporated.

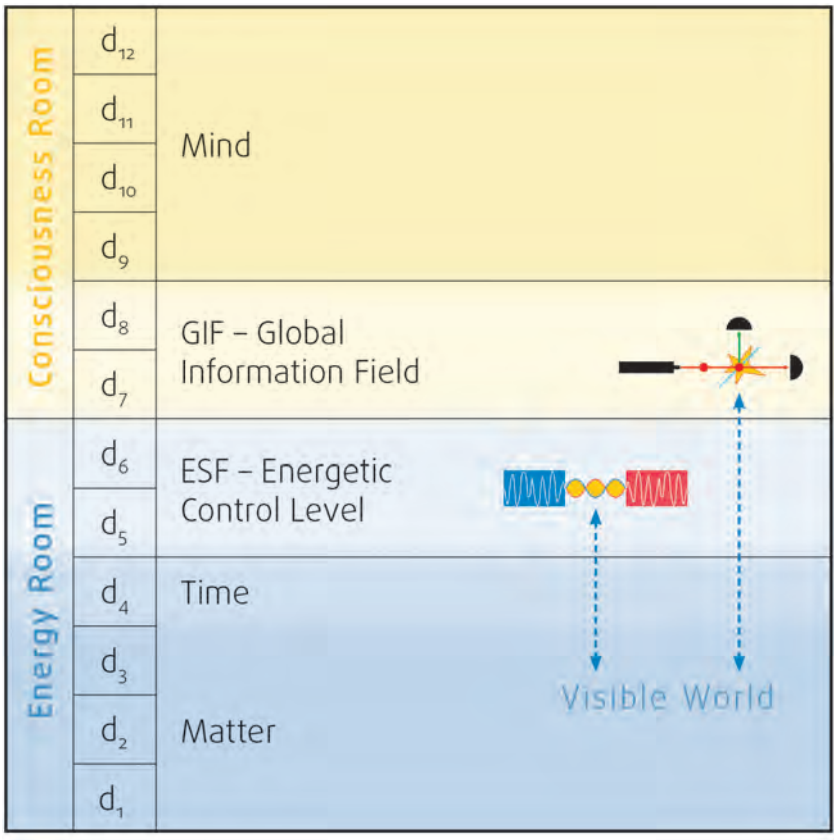
Burkhard Heim (1925–2001), German explosives engineer and physicist. His main work is the uniform field theory, the Heim Quantum field theory.

Radionics works at the interface of these two spaces.

The six-dimensional energy space consists of the four-dimensional spacetime and the two-dimensional Energetic Control field (ECF). Similarly, the six-dimensional information space is divided into a four-dimensional mental space and a two-dimensional Global Information Field (GIF). The ECF and the GIF form the interface between the physical and the spiritual space.

According to the author´s understanding, a radionics device comes in contact with the ECF by means of an analog vibration comparison and comes in contact with the GIF by the quantum light effect. Thus, when combining these two methods, it is possible to carry out a more comprehensive radionic analysis that takes both the spiritual and the tangible aspect into account.

Burkhard Heim's theory of the twelve-dimensional space-energy continuum seems to be a complete scientific basis of radionics. ■



Dimensions: Burkhard Heim's theory of the two-dimentional structure of the Universe clearly shows how Quantum and noise processes from two different levels can work as an interfase between conciousness and matter.

Rehabilitation of mind

Quantenphysik as a bridge between machanistic and non-mechanistic science

Is the mind able to control a ball? In classical physics, this is unthinkable. In classical physics, the mind is regarded as a product of tangible processes taking place mainly in the brain. Quantum physics, however, has broken this deterministic worldview.
By calculating probabilities, it can also capture observations that were previously regarded as subjective reality. From this point, it is only a small step for the Vedic physicist and philosopher Marcus Schmieke to the assumption that mind can influence physical processes and time is not linear.

By Marcus Schmieke, Schöna.

Quantum physics raises questions that go beyond the scope of conventional science, in particular the question of consciousness and its relation to matter. If you regard quantum physics not only as a physical rule for probability calculation, it gives rise to new questions concerning the nature of matter and mind. So far, these questions have rather belonged to the intellectual, philosophical, or spiritual field, but quantum physics brings them into a scientific context.
Similarly, quantum physics can also serve as a bridge in the opposite direction. By means of quantum physics,
it seems to be possible to re-integrate spiritual insights into natural science or to express spiritual experiences in a scientific language.

Schrödinger's analysis of mind and matter

In the past, some great physicist focused on the subject of consciousness. Especially Erwin Schrödinger´s considerations (1887–1961), concerning the basics of the scientific worldview, clearly express the associated problems.
In his classic book "Mind and Matter", Schrödinger considers the scientific aim to objectify all statements about the physical world.
Natural science is based on the hypothesis of a real external world, which assumes that reality may be regarded as an external world existing independently from me, the observer. In this way, the objectivity of the description guarantees that my own known subject is kept out of the picture. While my own known subject or self is now outside the reality to be described, this reality contains all other known subjects or personalities; for reasons of symmetry,
I assign a consciousness to these subjects or personalities, as well as to myself.
According to this consideration, the consciousness of the other persons is located within the real external world, while my own consciousness stays outside. Due to this, my own position would be superb and an asymmetry, that contradicts the objectivity criterion, would be caused.
Consequently, I transfer my own self into the real external world in order to recreate symmetry. The final step leads, as Schrödinger concludes, to a hell of logical contradictions.

The price of the materialist worldview

Two prices must be paid for the obtained worldview satisfying the criterion of objectivity. The first price is that the search for the interaction between matter and mind remains unsuccessful. The second price is that our scientific description must be free from of all sensory qualities. The world is immediately perceived in sensory qualities, such as color,
sound, touch, smell, etc., while the scientific description only opposes quantitative correspondences lacking any quality. Concerning this, Erwin Schrödinger writes in "Mind and Matter":
"I previously discussed the fact that the physical worldview is free from all sensory qualities representing the actual composition of the subject of know-

The time accordingly lines up each state only as an order parameter.

"Real ex ternal world"
The dualistic worldview of the natural sciences
by Erwin Schrodinger.

"Subjective world"

Grafik: r&z

ledge. The model is free from colors, sounds, tangibility. Likewise, and for the same reason, the world of science lacks everything having a meaning in relation to the conscious, viewing, perceiving and sentient being; it contains none of these things. Above all, I think of the moral and aesthetic values, values of any type, everything relating to the meaning and purpose of the whole event. It is not only a fact, that all these things are lacking, it is a further fact that these things can not be organically integrated from a purely scientific point of view. If you try to integrate how a child colors its black and white coloring picture, it will not work, since everything one integrates into this world model always assumes the form of a scientific statement, whether you like it or not; but as such it is wrong. "1

The search for a non-dualistic worldview

Thus, Schrödinger urges the search for a non-dualistic worldview that does not regard the strict separation of mind and matter as a premise for natural science, but that begins with the unity of mind and matter. Furthermore, the break of symmetry between these two poles of reality must be explained.
In the following, starting from the traditional worldview of classical physics, the path to such a spiritual science can be outlined; a kind of science that is able to integrate both the consciousness and the sensory qualities in their description.

The worldview of classical physics

Classical physics regards an observer-independent existence of the external physical reality as a premise, and regards this reality as precisely describable by means of mathematical expressions. Due to this, its behavior is strictly deterministic, since the outer reality is considered to be causally completed. The primary mathematical models of classical physics are the basis for further secondary models describing the origin of the universe and life. Here, it is assumed that new things are created by random processes arising out of a field that is the root cause for everything. From this perspective, mind appears as a product of tangible processes taking place mainly in the brain. Indeed, these secondary models of reality refer to the primary ones, but are by far not as verified and exact as these.

The process of time takes place at the moment of present and selects that discrete spectrum of the factual out of the continuum of possibility.

The dominance of space

This worldview of classical physics is essentially characterized by space. Outer space is the basis of reality as an absolute being, and everything existing must have its place in it. Matter fills the space and moves according to the laws of nature under the influence of the regulatory parameter, represented by time. In this worldview, space exists
prior to all experience, while time plays the role of a passive regulatory parameter, that is not even accessible for a direct physical measurement.

Uneventful time

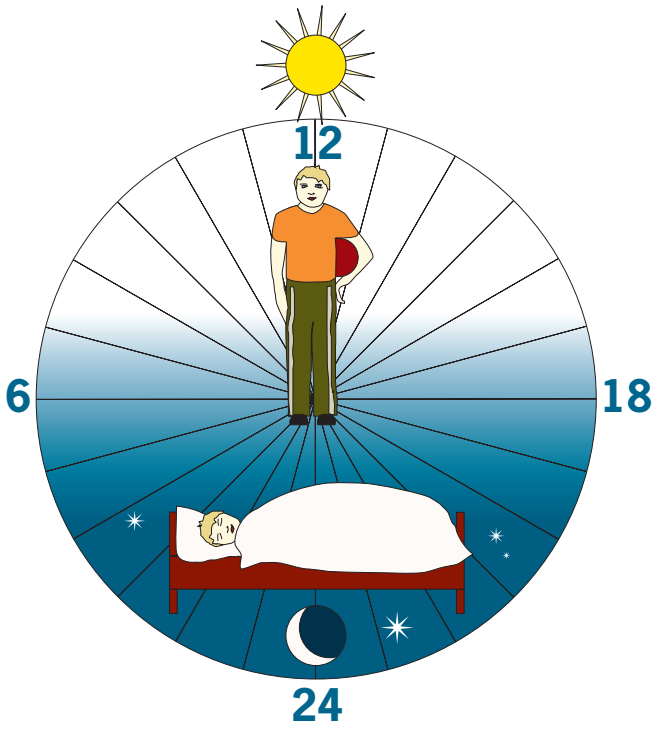
Thus, the classical worldview does not contain any elements that would correspond to the different stages or grades of time. It does not distinguish between past, present and future and in particular, it does not mark the experienced "Now". Therefore, there are no real events in classical physics. While the physical systems move with the running parameters in time, no physical events take place. Therefore, these physical explanations trigger the old philosophical question whether time actually exists in external

reality, or whether it is merely a form of intuition of our perception. Classical physics, particularly in its relativistic extension, addresses the temporal dimension like the space without being able to capture its directional and perceptual quality. Albert Einstein assumed a static four-dimensional spacetime traveling through the experiencing, conscious subject.

The paradox of time

From this point of view, the temporal conception of reality with its events would be an illusion. Future and past would be qualitatively indistinguishable from each other, but have to be merely regarded as different stages of a given course. The present would be a purely psychological phenomenon having no correspondence to an element in the physical theory. These considerations result in the paradox Ilya Prigogine refers to in his book "The End of Certainty"; because an event, namely the Big Bang, suddenly appears with immense clarity in a worldview that has no events. The creative power of a possible Big Bang suggests the possibility of acausal, spontaneous events characterizing the moment they are taking place as present. In the classical worldview, the moment something new is happening that can not be derived from the known, but implies an irreducible quality gain, suddenly appears through the back door. While the primary models do not have any events, because they exclude the temporality of the world, this necessary temporality of the secondary models, however, enforces the existence of at least one event. Here, the irreversibility of the initial event is ultimately the basis for the direction of the arrow of time, while the dynamic fundamental equations of physics are reversible. If one replaces t by -t in the fundamental equations of physics, physical processes, that correspond to the laws of nature, will arise out of this reversal. Thus, only time lines up the individual states as a regulatory parameter, without the possibility of being measured itself.

The temporality or irreversibility of real processes in thermodynamics find their expression in classical physics. If one defines the direction of time as the direction of increasing entropy, one captures the direction of the arrow of time for macroscopic systems. In the definition of entropy, however, the direction of the arrow of time is already included. In order to define entropy, a temporal conception of physical processes distinguishing between past and future, is already necessary. Therefore entropy can be defined, for example, on the concept of probability. However, this concept already implies the definition of past, present, and future and the progression of time from the past to the future.



The human in day and night rhythms

Grafik: r&z

The event and the experience of time

The concept of the event can be purely formally defined as a discontinuity in the phase space. Psychologically, an event demonstrates itself as a surprise, in other words as an event, that could not be calculated or foreseen from the already known. The conventional formalism of classical physics can not reflect the experienced temporality of reality and neither the existence of mind can be integrated into their worldview.

Prigogine described the fact that despite the reversibility of the underlying laws of nature something temporally irreversible happens as a "paradox of time"; meaning that events happen anyway. Furthermore, he described the cosmological paradox referring to the postulated cosmological primordial event, the Big Bang as follows:

"Modern cosmology ascribes a certain age to our universe. It was created by the Big Bang about fifteen million years ago. This is unmistakably an event. In the conventional formulation of the laws of nature, however, events do not occur. Trajectories and wave functions have no beginning and no end. "2

(Trajectories and wave functions are concepts of quantum mechanics. Wave functions describe reality in mathematical probability concepts. Trajectories are lines of development of a dynamic system.)

Therefore, the big bang hypothesis was a major crisis for people's and, above all, physicists' thinking.

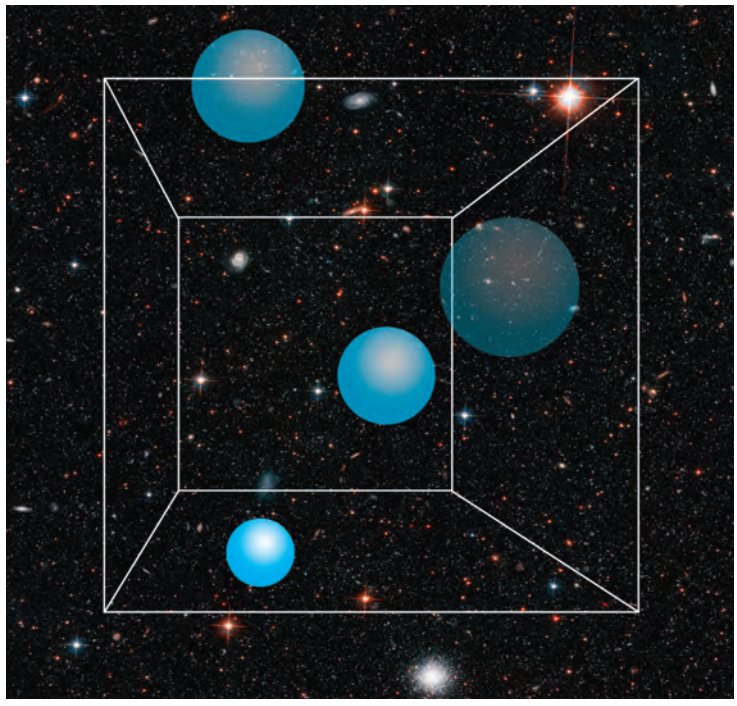
Quantum physics as logic of temporal statements

While classical physics is based on the hypothesis of the real outer space and a geometric conception of space that underlies all matter and all temporal experience, quantum physics has a different basis. Carl Friedrich von Weizsäcker tried to provide an axiomatic basis for physics, namely, to derive it from principles that leave no room for any doubt; without the possibility to put human experience itself into question. He calls these axioms "preconditions of experience". Von Weizsäkker defines quantum physics as the most common of all possible theories making statements on future events, and as such it could not be wrong. Due to this, the concept of time is the basis for it. Quantum physics makes statements regarding future events in the form of probability statements. While classical physics is of a deterministic nature, the concept of probability is the basis for quantum physics. Thus, this concept, and therefore the arrow of time, which is observed in the macroscopic world, must be additionally defined in classical physics; and due to this, temporality is integrated through the back door.

The first postulate being the basis for quantum physics according to Weizsacker's opinion is that reality can be represented in the form of independently decidable alternatives. This principle of separability ensures, temporally seen, the existence of independent

events. The second postulate introduces the concept of probability, and thus the concept of time and the third postulate is the superposition principle. (Here it is assumed that it is possible to superimpose two wave processes and thus, to get a new one.) These three postulates can be the basis for complete physics. Interestingly, they do not postulate the existence of space. This space automatically arises as a three-dimensional space of intuition only in the further structuring course of physics out of the mathematical structure.

Thus, quantum physics is a temporal theory from the outset, since its nature is based on the flow of time from the past into the future. This process of flow of time defines the concept of the present. Future can be defined as the continuum of all possible events, while the past consists of the already factual events. This only represents a portion of the number of possible events. The process of time takes place at the moment of the present and selects the discrete spectrum of the factual from the continuum of possibility. This temporal event is consistent with our experience as a time-conscious being and represents, in my opinion, the minimal effort that is necessary, as a condition of human experience, to explain physics axiomatically.



Which way does time go?
Quantum physics can explain the subjective perception of time and space. According to it, time is not uniform and rigid, but is characterized by grades and stages.
Grafik: r&z

Randomness or choice?

The concept of choice, that corresponds to the temporal process in this case, contradicts the concept of randomness playing an important role in conventional scientific beliefs. In classical physics the lack of physical events is compensated by breaking the strict causality by the introduction of randomness.

Randomness had been regarded as an expression of ignorance about the exact causes of an event in natural science, before such great importance was ascribed to it. In the development of quantum physics, natural science adopted the concept of absolute randomness, that would actually produce information independently. This process of randomness corresponds to the temporal choice process. The juxtaposition of these two concepts, namely randomness and choice, is the point where mechanistic and non-mechanistic science clearly separate from each other. The quantum physicist Hans Primas wrote a six-theses-paper on the occasion of Erwin Schrödinger´s 100th birthday that deals with this topic. He writes:

"Randomness is the deus ex machina of molecular biology. It is unclear what scientific importance the essential randomness have. There are no intrinsic random events in classical physics, because classical mechanics is deterministic although it is not determinable. The basic probabilities of quantum mechanics are context-dependent. Here, randomness is neither a lack of cause nor a lack of knowledge, but it is enforced by the free choice of the experimenter, that is assumed to be possible, between mutually exclusive experimental arrangements."3

In the materialistic worldview all sense impressions, such as the perception of color, are lacking.

No randomness exists in classical mechanics. For a start, quantum mechanics reintroduces randomness axiomatically. It now appears, however,
as the result of neglect, namely the free choice of the experimenter between mutually exclusive experimental arrangements.

Based on these considerations, we can conclude that the mechanistic worldview identifies the physical event, and thus the constituent elements of physical reality, as randomness, while a non-mechanic conception of physics regards it as the choice process of the time that corresponds to the experienced presence. This is the cause for a fundamental philosophical decision that every person has to make at this point.

Do they want to accept randomness as the ultimate cause of all change or is this explanation unsatisfying for them, so that they try to fathom the deeper relationships. The scientific materialism stands or falls with the concept of randomness.

Time and consciousness

The temporal choice process is closely linked, in accordance with these considerations, to the concept of perception, that prioritizes the present as the moment of current perception over all other possible points of time. In Vedic philosophy, time has already been described as being closely related to consciousness. According to the Vedic conception, only time integrates the conscious mind into matter. At the same time, it identifies time as the physical reality itself, or respectively with the constituent events. This conception corresponds to Schrödinger´s postulation for a non-dualistic worldview because it identifies time, consciousness, and physical reality with each other to a high

extent. A question, that hardly anyone is able to ask in the context of mechanistic science, is associated with these remarks: Who chooses the actual realized event from the possibilities?

The measurement problem in quantum physics

This question touches the old discussion in quantum physics about the interpretation of the measurement process and it raises the old question whether the reduction of the wave function is essentially linked to the consciousness of the observer. Eugene Wigner's hypothesis is that only the consciousness of the observer reduces the wave function and thus, causes a physical event. This question of interpretation provoked a wide variety of opinions focusing on the question of what causes the quantum-mechanical choice (reduction of the wave function). Roger Penrose assumes that this question can only be solved if the theory of gravitation is combined with the quantum theory, so that the reduction of the wave function can be interpreted as a gravitational effect.

In order to solve this, the many-worlds interpretation emphasizes the same problem by introducing an infinite number of parallel universes, that realize all possible alternatives for development of the wave function at any moment. Indeed, the problem of choice is solved in this way, but only at the expense of a vast number of parallel universes. As long as no compelling experimental reason for the existence of these universes is present, one should first try to understand this one universe. Is it not rather more natural to assume that the one physical reality that we perceive can only be explained in conjunction with mind and consciousness than to make such an absurd assumption?

The influence of consciousness on physical experiments

Since the early eighties, experiments dealing with the influence of consciousness on physical processes were carried out by Robert Jahn and his colleagues at Princeton University. Robert Jahn used different types of physical random generators to produce random sequences of events, which he respectively presented to a test person. The series of events consisted of positive and negative signals which, when unobserved, Gaussian distributed themselves. (The Gaussian distribution describes the probability distribution of a continuous random variable. Graphically, it results in a bell curve.) Here, he used electronic and mechanical random generators and their random sequences were observed. The task of the observers was to try to influence the outcome in a particular direction. Some observers should wish for as many positive events as possible, while others should wish for as many negative events as possible. Actually, the results showed a clear deviation of the event sequences from the expected uniform distribution, namely generally in the direction the observer had intended.

This experiment can be carried out very vividly using the Galton-box (see figure). Small wooden balls fall through interleaved rows of pins and are then collected in adjacent boxes; in the course of this, the Gausian bell curve forms. If this mechanical random process is observed by someone, who tries to influence the direction of the falling balls to one side or the other, a corresponding minimal effect can be observed in a statistically relevant number of cases. In 1992, Robert Jahn carried out a somewhat modified variant of this experiment by choosing a radioactive decay process as a natural random generator. A detector counted the emitted alpha particles and their irregular occurrence formed a temporal random sequence. In this experiment, the events were not immediately released on a display for observation, but initially saved by means of a computer.

A range of test results was recorded and stored, without being observed, in the computer memory for about three months. Only after three months the computer was reactivated and it reproduced the saved data in their original chronological order on a screen. Again, observers, who tried to influence the different series of events through their will, were seated in front of the screen. Amazingly, exactly the same results of a proven influencing of the frequency of events arose as if the alpha decays would have been directly and simultaneously observed with its production. The famous quantum physicist Professor Henry Stapp from Berkley refers to this series of experiments in a much-noticed article in the "Physical Review" journal.5

These results suggest the hypothesis that only the observation of the experimental results can cause a collapse of the wave function of the decay process, although this process took place and was stored three months ago.

Thus, this experiment suggests the assumption that the consciousness of the observer plays a role in the reduction of the wave function on the one hand and puts the conventional concept of time into question on the other hand. If we define the future as the possible and the past as the factual in relation to any conscious observers, the future will be extended to all undecided processes or alternatives. Although the alpha decay, which took place three months ago, belongs to the past according to the conventional opinion, its results for all possible observers are still possible after three months and only become factual by the observation.

The wave function as the amount of knowledge

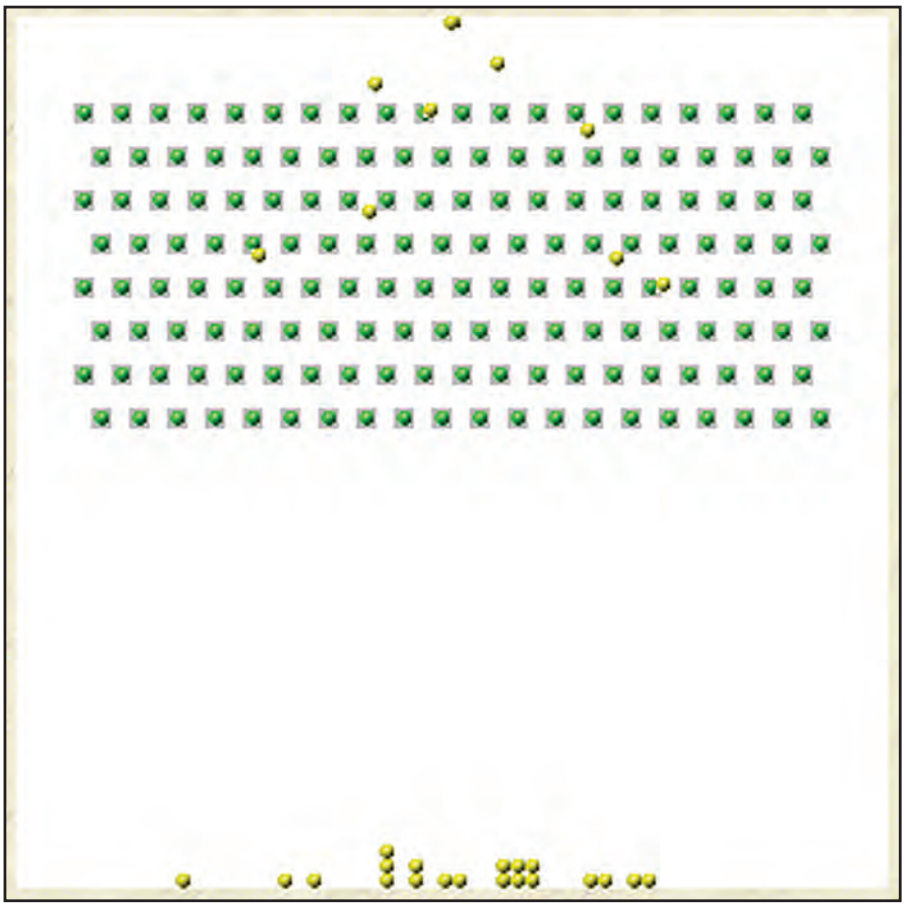
At this point, the question arises as to how the individual observations of different individuals can be coordinated. Does each individual observer bring the wave function to collapse or does this reduction take place globally for all possible observers? The wave function of quantum physics seems rather to be interpreted as an amount of knowledge, which is too closely connected to the consciousness of persons to assign a physical substance to it, which is described by it. It rather has a mental character.

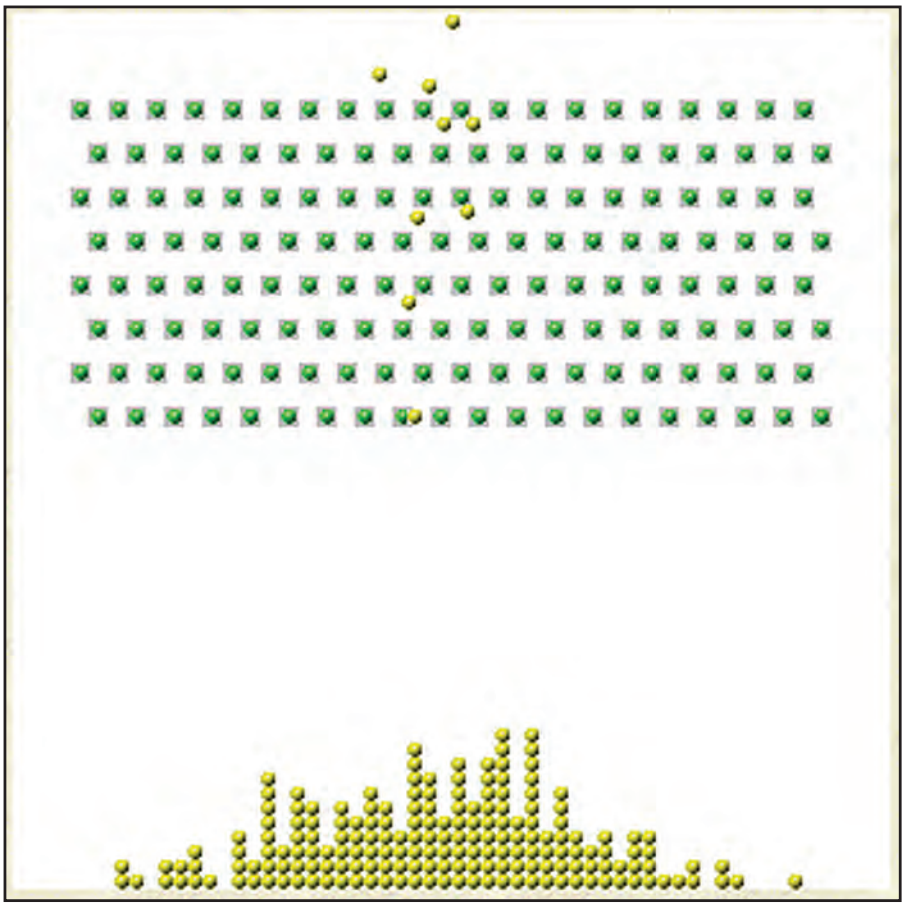
However, knowledge is a subjective term referring to a knowing person. The subjective knowledge arising from perception, memory, or thinking can only partially represent an external reality from a certain perspective. However, the knowledge of all subjects is guided by a common external and binding reality that everybody takes part in. These external conditions are binding for the inner knowledge of all perceiving and thinking persons. The wave function may correspond to this absolute amount of knowledge that globally describes the tangible reality and that is accessible to the individual persons by observation in the course of the measuring process. The subjective knowledge of the individual beings orientates towards this amount of absolute knowledge.

The personal aspect of reality

Just as my own individual knowledge characterizes my personality or my mind containing this knowledge, the absolute knowledge, that is binding for everyone, characterizes the mind or the personality of the universal consciousness or God.

On the back of a publication by the English naturalist Francis Galton (1822– 1911), is a stochastic experiment, the Galton board. It illustrates the probability of the balls falling to the left or right on the way to the plate.





Therefore, two types of consciousness can be metaphysically distinguished. The individual consciousness provides the space for the individual mind where the individual subjective knowledge is located, while the universal consciousness of God provides the space for the mind of God whose knowledge bindingly appears as the tangible reality for all living beings. Just as a virtual reality is running on a computer and is viewed by different individuals who can act in it, the mind of God is, so to say, the cosmic computer where

This experiment suggests on the one hand, that awareness of observers during reduction of the wave function plays a role, and on the other side provides the traditional concept of time in question.

the tangible reality is running as a kind of "virtual reality" and that is perceived by the individual living beings acting in this virtual reality. As tangible the cyberspace of such a virtual reality seems to be, just as virtual, and thus purely mental is its quality. In this perspective, the reduction of the wave function represents a communicational event between the absolute and the individual knowledge whereby one unit of knowledge is exchanged in each case.

Thus, such a spiritual view regards a mental reality as the basis for the tangible reality that can not be understood independently from consciousness and personality. Mechanistic science only deals with the communicational events between the different carriers of knowledge and interprets them as products of tangible processes. Non-mechanistic science understands the mental reality as causative and can describe its influence on physical reality. It regards the spatially characterized material world as a higher spiritual connection and assigns a meaning to it, based on this understanding. It could put the existing spiritual souls in a position to figure out their spiritual connections and to come into direct contact with the highest consciousness again. ■

The author

Marcus Schmieke,
born in 1966 in Oldenburg, with his many books he is the pioneer of vedic architecture in Europe and the founder of Vasati. After studying physics in Hannover and Heidelberg he undertook extended study trips to India, where he studied in monasteries after his inauguration in a vedic disciplic succession among others Vasati, Vedic astrology, Sanskrit and Vedic philosophy and metaphysics. He graduated his Vasati studies with honors from the prestigious South Indian institute Vasatividyapratisthanam. The Vedic astrology he studied with various masters of northern India.
His knowledge of both western science and the eastern traditional knowledge enabled him to represent the relationships between matter, energy and consciousness on the basis of twelve natural laws.
In 1994 he founded together with Ronald Engert magazine Tattva Viveka as a forum for science, philosophy and spiritual culture, whereupon some book-publications on science, life processes and consciousness followed ("The Last Secret" 1995 "Life field" 1997 " subtle energies in science and medicine, "1997).
With the establishment of the Vedas Academy at Schloss Weissenstein 1996 he created an institute for the integration of science and spirituality, which made a name beyond the borders of Germany. From 1998 to 2007 in the Saxon Switzerland and resident in Berlin since 2007, the Vedas Academy focused in their research and teaching mainly Vasati, Ayurveda, Sanskrit and Vedic astrology (Jyotish). Besides his work as an instructor for Vasati and Vedic astrology, author and scientist Schmieke now operates primarily as a planner Vasati houses throughout the world and also leads international consultations.

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2) Prigogine, Hya und Stengers, lasabelle: „Das Paradoxon der Zeit“, München/Zürich 1993, S. 18
3) Hans Primas: „Biologie ist mehr als Molekularbiologie“, In: Fischer/Mainzer, „Die Frage nach dem Leben“, S. 68, München 1990 (Pieper)
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Travelling space-time-

The Kozyrev-mirror in therapy

The astrophysicist Nikolai Kozyrev (1908–1983) is one of those Russian scientists who developed truly revolutionary cosmologies, but, due to this, lost his reputation within the scientific community. According to Kozyrev´s holistic concept, time is something substantially flowing that unites all separate processes to an evolutionary overall process in the mental (noosphere) and tangible world. Using the example of some Kozyrev experiments, Marcus Schmieke describes some aspects of the Russian cosmology and the way radionics can make use of it.

By Marcus Schmieke, Berlin.

Some of the greatest discoveries of mankind were made by accident. Likewise, a remarkable discovery was made by Nikolai Kozyrev, who was conducting observations with a reflecting telescope at the Crimean Astrophysical Observatory in Bakhchisaray.

At that time, professor Kozyrev had already developed a theory stating that every living being, and even the stars and other celestial bodies, emit physical radiation that they use to exchange information with their environment. According to his theory, this radiation is closely related to the properties of space and time, and thus influences all tangible bodies in the physical space-time. He called them time waves, since they seemed to be causally responsible for the sequence of events and thus, were in conformity with the inner pattern of time itself. Both theoretical considerations and previous experiments suggested the hypothesis that this time-wave radiation has two special properties:

1) Time waves can be reflected by means of certain materials and reverse their algebraic sign in the course of this. In this way, the time wave pattern can contain information from the past and future.

2) Time waves can not be observed or measured directly, but they have an effect on the electrical conductivity of certain crystals. They can be detected, for example, by means of piezoelectric crystals.

In order to take account of these two special characteristics of the postulated time wave calculation, Kozyrev used a reflecting telescope that recorded the images by means of piezoelectric crystals instead of using light-sensitive sensors. Here, the fact that the observations were carried out by means of a reflecting telescope in order to prove the reversal of the sign of the time waves by reflection played an important role.

A photo of the future

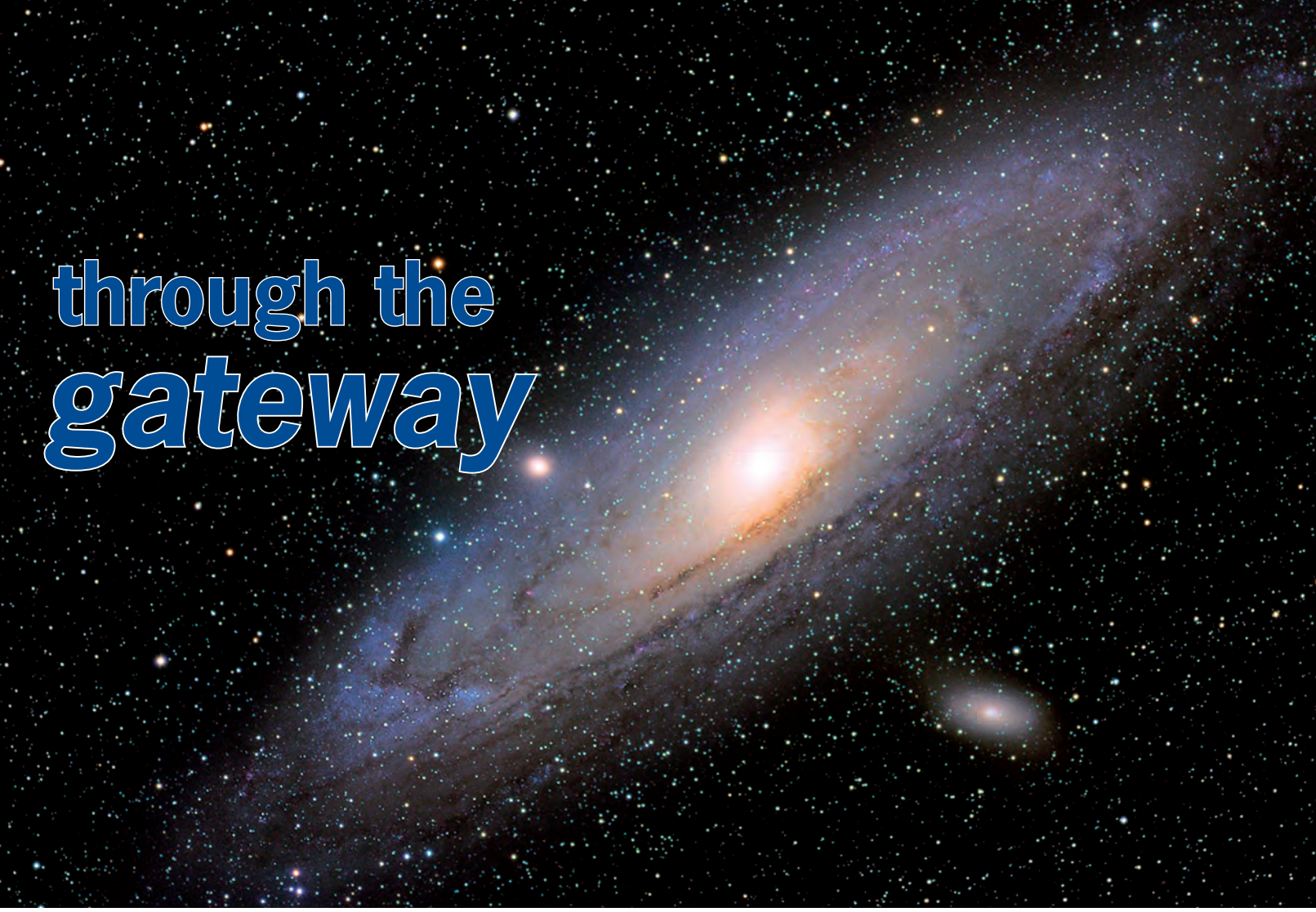
On one memorable night, a very special observation was made. For some inexplicable reason, Kozyrev´s assistants directed the telescope towards a point where no particularly interesting target was expected. Probably, the recording was accidentally started, so that a remarkable image could be seen the next morning. The visible object, that could be seen on

Nikolai Kozyrev

Nikolai Kozyrev – Genius & Shaman

Already as a student of mathematics and physics, **Nikolai Kozyrev** (1908–1983), a native of Saint Petersburg, aroused attention among astrophysicists. During the Stalinist regime, he was imprisoned in a Siberian prison camp. It is said that he made friends with Siberian shamans there, and after deep spiritual experiences his conception of the nature of time changed fundamentally. Since the early 50s he tried to substantiate his theoretical assumptions of time by means of experiments with rotating gyroscopes. He made numerous sensational predictions, but nevertheless, he roused a lot of opposition. After all, a lunar crater and an asteroid were named after him. However, when he postulated an instantaneously propagating physical force and could provide evidence for its existence (see main text), he finally collided with the influential elite of „consensus physics“, since this was impossible according to Einstein´s theory of relativity.

through the gateway



Andromeda Galaxy M31

the film that was exposed to light for many hours, was the Andromeda Galaxy that was known to everyone and would not have attracted any further attention by itself. However, it was captured at a place where it is actually not located, light years away from the known location.

Initially, Kozyrev thought that it was just a mistake and repeated the experiment, but also the second exposure showed a razor-sharp image of the Andromeda Galaxy at the same place. Astonishment quickly turned into enthusiasm after Kozyrev´s calculations had demonstrated that the targeted point actually was the exact position of the imaged galaxy, but precisely at the present point of time. However, it takes two million years until light reaches the earth from the Andromeda Galaxy. Therefore, it can not be observed with an optical telescope at the place where it is located today. Such a telescope only images it at the place where it was located two million years ago. The fact, that this galaxy becomes visible at its current location by means of a time wave telescope, proves that the transferring waveform propagates at a much higher speed than light and maybe has an infinite speed of propagation. Similar experiments were repeated by several scientists and confirmed Kozyrev´s statement that one is able to make the true position of the stars and celestial bodies visible by means of time wave detectors..[2]

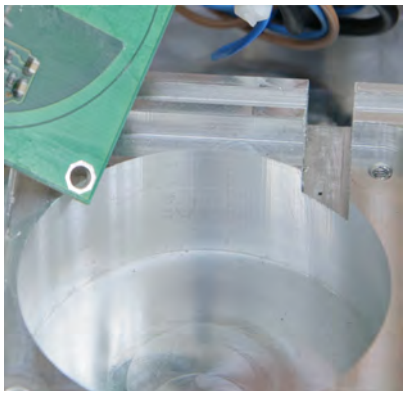
Inspired by these results, the scientists around Nikolai Kozyrev targeted a further point supposed to be the place where the Andromeda Galaxy will be located in two million years; and in fact, it could be imaged using this target point, however, with a sharpness of only 70%. In addition, it could be proved that the imaged structures of the spiral galaxy actually corresponded to the supposed image of the galaxy in two million years. It seemed that the scientists actually managed to take a photo of the far future. The lack of sharpness indicates that the lacking details are not determined at this stage and that they will be determined by future events. This result suggests the assumption that the future is determined to a certain extent, while a substantial portion, about 30% in this case, is not determined at the present.

Andromeda was visible with the aid of time-wave telescope at its current location.

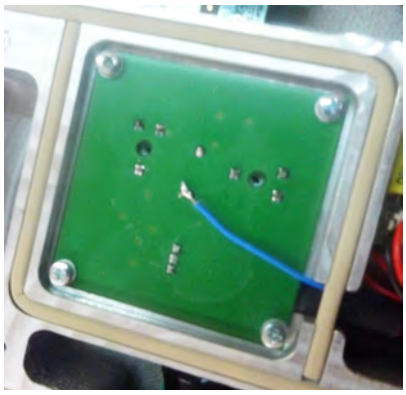
Transfer of information by time waves

In the nineties, an experiment by the scientists Kaznacheev and Trofimov, who used Kozyrev´s ideas as a basis, yielded similar results, but from another direction. They constructed an aluminium cylinder shielding a test person inside from the field of surrounding time wave radiation. According to Kozyrev, granite and aluminium are most suitable for this purpose,

Kozyrev-Spiegel from Aluminium



Smaller Kozyrev mirror with electronic circuits to generate noise signals. The diode is found in the center of the board.



The same circuit from above shows the centered arrangement of the diode with spiral formed lead.

since the reflectance of the time wave radiation is 100% for these materials, while all other known materials reflect a lower dose of radiation.

In this way, not only the interior of the cylinder is shielded from the radiation penetrating from the outside, but additionally, the radiation that is emitted by the test person inside, is reflected back into the center of the cylinder. This way, a field with a compacted time flow density is produced on the central axis of such a Kozyrev-mirror. This compacted time continuum is connected with all other places in the universe, so that a direct transfer of information between these places is possible, independent of the distance. A kind of information channel between the central time continuum in the Kozyrev-mirror and all other places in the universe opens, so to say. The local time waves inside the aluminium mirror are quasi short-circuited, so that the only influence that remains is the global time wave.

The global time wave connects all living beings and all physical processes. In this way, it should be possible for people inside a Kozyrev-mirror to receive information in a purely mental way from other areas of the earth and universe and to send information mentally. For other people to be able to receive this information they should also be at place of compacted time flow density, ideally they are also in the center of such a Kozyrev-mirror.

In the experiment, conducted by Kaznacheev and Trofimov in 1990, two Kozyrev-mirrors at a distance of more then 3000 km, one in Bulgaria and one in Siberia, were used. One test person each, whose task it was to send and to receive symbols from one place to another telepathically, was placed in a mirror.[3]

Telepathy via Kozyrev-mirrors

In the experiment, one graphic symbol was randomly selected by a computer from a database containing about 100 of these symbols and shown to the sending test person in the Kozyrev-mirror. Then it was the task of the test person to transmit this symbol telepathically to the test person inside the second mirror. As soon as this test person received the symbol, they were asked to draw it on a piece of paper. The received and sent symbol were compared regarding their similarity afterwards.

In fact, the success rate of the correctly transmitted symbols increased many times over because of the test persons being in such Kozyrev-mirrors. Even without such mirrors, it is known that people have such telepathic abilities suitable for the transmission of mental images. However, the same people are able to transmit telepathically with an increased effectiveness when they are in a Kozyrev-mirror. The exact effectiveness of such a connection depends on the magnetic properties of the places where the mirrors are positioned and is additionally strongly influenced by the time of day of the transmission. Especially high transmission rates were achieved at times of increased magnetic anomalies in the magnetic field of the earth. This is the case, for example, at new and full moon or at times of increased solar activity.

An important detail of this experiment is especially interesting: In most cases, it took 15 minutes from the selection of the symbol until the moment of its complete transmission. However, some of the test persons were able to transmit the symbols without any delay. Within a third group of test persons, an almost incredible result was achieved. In this group, the receiving test person drew the symbol on a piece of paper up to 15 minutes before it was selected by the computer and before it was transmitted by the sending person for the first time. This result was confirmed in dozens of experiments and thus, proves that it is possible to transmit information into the past through the medium of the time continuum in Kozyrev-mirrors. This result suggests the assumption that the medium, which transmits the information mentally, is actually the time wave itself that can be reflected by means of aluminium mirrors, so that a reversal of the direction of time in the information flow is possible. [4]

The model of the flow of time

Kozyrev seen time as an energy interrelating cause and effect in physical events. According to classical Newtonian mechanics, cause and effect are happening simultaneously, but they

must have at least a minuscule difference (dx) concerning their location, in order to take account of the postulated impenetrability of matter. In modern atomic and quantum physics, quite the reverse is true. Cause and effect are happening at the same place, since the probability fields of quantum physics can penetrate each other without any mutual influence. In this way, cause and effect can be at the same place, but show at least an infinitesimally small temporal difference (dt), since quantum physics distinguishes between past and future. Summing up these two views of cause and effect, Kozyrev´s model of the time flow comes about. In the transition from cause to effect, he passes an infinitesimal space-time point that is free of matter and only consists of space itself. This point is passed at the speed dx/dt; a speed Kozyrev defines as c2 (c1 is the speed of light). c2 is the speed the flow of time needs to transmit a qualitative change of a system from cause to effect. It represents the propagation speed of causes and effects themselves. Although the flow of time has some energy itself, it has no momentum and thus, always changes simultaneously in the entire space.

c2 is not a scalar value in the conventional meaning, but a so called pseudo-scalar that reverses its sign if one of the two coordinates t or x is reflected. However, if both axes are reflected, this means, the direction of time and the direction of space are interchanged, the value c2 remains constant without reversing its sign. The reversal of the sign of the coordinate t corresponds to commutation of future and past, while the reversal of the sign of the coordinate x corresponds to a reflection of the orientation within space or a reversal of rotational direction. Therefore, the pseudo-scalar c2 fundamentally differs from the speed of light c1, showing the behavior of a real scalar.

As a result, one of the fundamental principles of the Kozyrev-model of physical reality arises: A world with a reverse time pattern corresponds to a world that is viewed in a mirror.

It creates a kind of space-time gateway to other dimensions.

In this world, the left and the right side are interchanged, a positive rotation turns into a negative rotation, and vice versa. Nevertheless, all physical processes run in the same causal sequence in a mirrored world. The sequence of causality is not upside down.

In nature, signs of time pattern differences express themselves in the preference of a specific direction of rotation or a recognizable asymmetry of the left and right side, as can be found in all living beings. Thus, it is no accident that the human heart is on the left side of the body, but an indication of the kind of the active time-energy the body is linked to and that provides the body with energy and information. Nature uses the energy of the specifically prevailing time pattern and makes it visible in its morphology.

Time patterns as an information matrix of the universe

According to Kozyrev, all physical and mental processes within the universe leave their marks in the time pattern.

The subject sits in the Kozyrev Mirror while the Radionics System simultaneously analysis their information and vibration field.

Thus, it represents a kind of cosmic information field of holographic nature. Any information is present in the universe at the same time. Therefore, information does not need any time to get from one place to another, but may, under certain circumstances, even reach the receiver by the reflection of the time wave before the sender has sent it. In this manner, Kozyrev could take a photo of the Andromeda Galaxy, as it will appear in two million years, while Kaznacheev telepathically sent symbols to the past using Kozyrev mirrors. In both cases, mechanisms to mirror the time waves were used.

A person entering the center of such a Kozyrev- mirror will not only experience increased telepathic abili-

Experiences with the Kozyrev-mirror

The feeling of flying	88.2 %
Outlet in the universe	85.1 %
Receiving symbolic information	82.0 %
Observation of extraterrestrial beings	80.3 %
Rotation sense of the body	78.1 %
Observation of UFOs	75.4 %
Perception extraterrestrial constructions	70.2 %
Perception of an external observer	68.0 %
Telepathic contacts	55.7 %
Perception of past life episodes	40.4%
Fear	34.2%
Observation of historical events with ethnographic details	30.3%
Personality changes	30.3%

Table 1: The most common exp[eriences from 47 people with a total of 228 minute stays in the Kozyrev-mirror.[6]

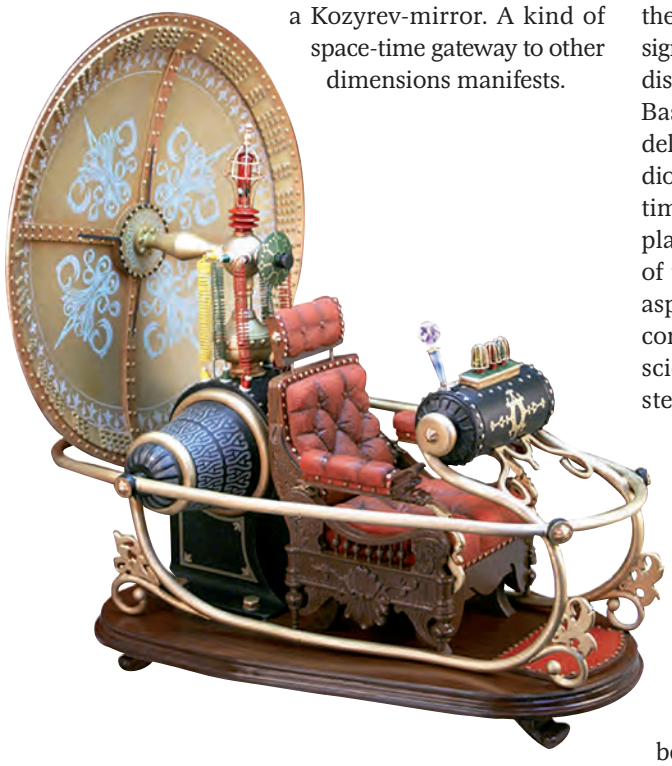
ties, but a dramatic influencing and change of their consciousness. In the experiments conducted by Kaznacheev and Trofimov on Dikson Island in 1991, 47 test persons were interviewed concerning the experiences they made during their ten-minute stay in such a mirror. (table 1)

Communication with the human information field

In the context of the development of the TimeWaver radionics system we have already gained extensive experience concerning the analysis and influencing of information fields. Here,

A person who goes to the center of such a Kozyrev mirror, is experiencing not only an increase of his telepathic abilities, but a dramatic influencing and changing of his mind.

In case of longer and regular stays, it seems that a space-time channel opens in the human consciousness allowing them to perceive other epochs and other areas of the earth or the universe. In many cases this channel remains open for several months, even if the respective person does not enter the mirror any longer. The conducted experiments clearly demonstrated that a field, nullifying the spatiotemporal order of the universe, is created in the center of a Kozyrev-mirror. A kind of space-time gateway to other dimensions manifests.



A quaint time machine from the film of the novel „Time Machine „ by H. G. Wells.

the TimeWaver makes contact with a human information field or with the information field of any object by means of quantum processes taking place, for example, within a semiconductor or a diode. Robert Jahn from PEAR Institute of Princeton University has already demonstrated in decades of research that such noise processes can be influenced mentally and that they are also able to reflect global and local stirrings of the human consciousness. Such influences express themselves in the cumulative deviation of the noise signals from their statistically expected distribution.

Based on Kozyrev´s time wave model, the noise performance of such a diode also reflects components of the time wave pattern at the respective place. Here, the entire information of the universe is manifested. What aspect of this information field is recorded, can be selected by the consciousness of the user of such a system. Thus, the target of such an information analysis can be defined by means of mental orientation. If the experimenter thinks, for example, of a specific person, the noise of the diode also reflects components of the time pattern that are linked to their information field.

Using a Kozyrev-mirror, the effectiveness of this method can be increased significantly. For this purpose, a diode with the dimensions calculated from the natural vibrations of the cosmic time wave is placed in the center of a small Kozyrev-mirror, analogously to the experiments already described. The noise of the diode, as well as the human brain, generates time waves that are reflected by the aluminium of the mirror in order to generate a field of concentrated time density in the center of the cylinder. In turn, the global portion of the time wave is short-circuited in order to link to the global time wave; non-locally containing the information of the entire cosmos. In this way, a space-time channel opens for the diode that can connect to any information field through the user´s consciousness, independently of its spatiotemporal position.

Radionics combined with Kozyrev

Experiments with this arrangement have shown that one is in this way able to couple to information fields more effectively by means of noise processes. If one provides a radionics system with two Kozyrev-mirrors of this kind, whereby each mirror has a noise generator diode in its center, a person´s information and vibrational field can be compared, for example, with the field of a somatic disorder or a homeopathic remedy.

Communication with the information and vibrational fields of a person can be further improved if the person them self is in a large Kozyrev-mirror. In this way, the noise of the dio-

During longer and more regular stays in the consciousness of man a space-time channel appears to open at him to percieve other eras and other areas of earth or the universe.

de directly resonates with the noise of the human vibrational field. Exactly like a telepathic connection is created between two persons in two Kozyrev-mirrors, a direct coupling of information is created between the diode and the human being, since both are in a field of a compacted time flow density. Thus, the information field of a test person can be directly recorded and analyzed by means of the noise of the diode. Similarly, information fields and vibrations can be directly transmitted into the information and vibrational field of the test person using the diode.

Through a combination of noise vibration comparison and the reflection of time waves, completely new dimensions open up for computerized radionics. Currently, the author examines the possibilities and limitations of this completely new technology in the context of a research project at the northern Indian Dev Sanskriti University in Haridwar where he has been teaching and researching as an honorary visiting professor since September last year. He conducts a large number of the experiments on the Berlin campus of this university. ■

Der Autor

Marcus Schmieke
During his studies (physics and philosophy) Marcus Schmieke interested in the interaction between matter and consciousness. Since 1996 he has been founded by him „Vedas academy for integrating science and spirituality“ (www.veden-akademie.de). In the same year his radionic research began. Marcus Schmieke received important impulsesfor it from his personal encounters with physicist Burkhard Heim. Schmieke researches and teaches since 2007 as a visiting professor at the Dev Sanskriti University, Haridwar/India .

Footnotes

1 Kozyrev, N. A. und Nasonov, V. V.: „A new method of determining the trigonometric parallaxes by measuring the difference between the true and apparent positions of a star.” In: „Astrometriya i Nebesnaya Mekhanika. Problemy Issledovaniya Vselennoy.” Moskau-Leningrad 1978, 7. Aufl., S.168–179
Kozyrev, N. A. und Nasanov V. V.: „On some properties of time discovered by astronomical observations.” In: „Proyavleniye Kosmicheskikh Faktorov na Zemle i v Zvezdakh. Problemy Issledovaniya Vselennoy”. Moskau-Leningrad 1980, 9. Aufl., S.76–84
2 Lavrentyev, M. M.; Yeganova, I. A., et. al.: „Remote effect of stars on a resistor”. Soviet Physics Doklady 1990, Bd. 35(9), S. 818–820.
Lavrentyev, M. M.; Gusev, V. A., et. al.: „Detection of the position of the sun”. Soviet Physics Doklady 1990, Bd.35(11), S. 957–959.
3 Kaznacheev, V. P.; Trofimov, A. V.: „Cosmic Consciousness of Humanity, Problems of new Cosmogony”. Elednis-Progress, Tomsk 1992, S. 75–86
4 Kaznacheev, V. P.; Trofimov, A. V.: „Cosmic Consciousness of Humanity“, s. o., S. 107–110
5 Kozyrev, N. A.: „Time as a Physical Phenomenon”. In: “Modelirovaniye i Prognozirovaniye v Biologii”. Riga 1982, S.5–72.
6 Kaznacheev, V. P.; Trofimov, A. V.: „Cosmic Consciousness of Humanity”, s. o., S. 137

Note: Science doesn't recognize the existence of information fields and their meaning and the TimeWaver systems with their applications due to lack of scientific evidence.

Physics of the hyperspace

Burkhard Heim's fieldtheory and radionics

More than thirty years ago, the physicist Burkhard Heim succeeded in conceptualizing the existence of higher dimensions in mathematical formulas. According to Heim, the entire physics of gravitation is only possible in a twelve-dimensional hyperspace that mathematically illustrates the tangible and the mental reality. Marcus Schmieke, who was personally introduced by Burkhard Heim to cosmology, explains Heim's field theory and its consequences for radionics.

By Marcus Schmieke, Berlin.

The twelve dimensions are divided into three levels; the bottommost consists of the four dimensions of spacetime (R_4), while the highest four dimensions span a mirror-image mental space (G_4). The remaining four dimensions lying in between are the connection between the tangible and the mental area of reality.

Through mathematics, especially developed for this purpose – namely a multi-dimensional Fourier transform - Heim was able to have a look at the G_4. Deeply impressed, he saw complex mathematical symmetries indicating an all-encompassing intelligence.

Life as the basis of reality and not as a random product

In the context of Heim´s physics, the term „life" can not solely be explained out of the interaction of tangible elements on the level of spatio-temporal events. On the contrary, life is a complex process encompassing all three levels of existence. The mental dimension of life expresses itself as „Self" and consciousness in the G_4, and manifests itself through the four connective dimensions in the four-dimensional spacetime R_4 as a tangible appearance. (Fig. 1).

Individually considered, the events of the four-dimensional spacetime seem to be an accidental interaction of natural laws. However, Burkhard Heim demonstrated that not even an elementary particle would exist, if reality was restricted to four dimensions. Even a simple electron needs the physical interaction of six dimensions. Every physical event is accompanied by mathematically describable processes on the higher levels. No elementary particle moves without having a predetermined path in the higher dimensions. Whenever an accident arises in the scientific explanatory model, one can assume that a direct interaction between the tangible spacetime and the mental dimensions through the connective spaces takes place here.

The need for higher dimensions

In order to get closer to his target, namely to create a unified quantum field theory, Burkhard Heim initially concentrated on gravitation. According to Einstein´s formula $E= mc^2$, every energy has a mass and thus, every energy field is tainted with a so-called field mass. Therefore, the gravitational field of a mass also has some energy which in turn corresponds to a mass. In turn, a gravitational field emanates from this field mass. Newton and Einstein neglected this field mass in their individual gravitational theories and could therefore work with relatively simple approximation formulas. Burkhard Heim was the first physicist who consistently integrated this field mass in his model. He called the resulting gravitational formula a „transcendental equation" - an equation that has no generally valid solution that encompasses all scales of the universe. One is only able to derive various approximation formulas for different magnitude ranges of the cosmos.

In the macroscopic range of medium distances, the solution of Heim´s transcendental equation substantially corresponds to Newton's law of universal gravitation. This, however, essentially deviates from it in case of very small and very long distances. Generally, Heim´s gravity formula has a limited scope of validity. Below the so-called Planck length and above the diameter of the universe, it has, from a mathematical perspective, no solutions. Due to this we can conclude that even the space with its geometric structure determined by gravity has an extremely small unit (the square of the Planck length) and is also subject to an upper limit due to the size of the universe. Even this indicates that the space is ultimately completely quantized, exactly like the electric charge, for example, is quantized; this means, that the space is always composed of smallest units, namely the elementary charges of an electron.

Based on this knowledge, a clear way to create a unified quantum field theory develops. The first step is to demonstrate all four fundamental forces of nature - gravity, electromagnetic

interaction, and the strong and weak nuclear force – as dynamic deformation processes of space. The next step is to quantize the space, this means, to describe it as a composition of the smallest units. As a result, all physical forces would be quantized as a unified space field.

For this purpose, Heim initially had to understand and to mathematically describe the connection between his transcendental gravity equation and the geometry of space. Here, the gravitational field appears in two components, namely as the field of masses and as the field of field masses emanating from the original masses. These two aspects of the gravitational field respond to each other as similarly as the electric and magnetic fields in the wave equations of Maxwell's electrodynamics. There, both field components are perpendicular to each other and create, due to their dynamic interaction, electromagnetic waves propagate at the speed of light in the empty space. Analogously, Burkhard Heim gets a complete set of wave equations for both components of the gravitational field. In Maxwell´s equations, the number zero is on the right several times. This means that there are no magnetic monopoles. When considering the gravitational field, however, mass itself is the source of the fields. Thus, it corresponds to the magnetic monopoles that were postulated and demonstrated by Nikola Tesla and Konstantin Meyl as the sources of scalar wave fields. Therefore it would be meaningful to compare the theory of scalar waves of electromagnetism with Heim´s wave equations of gravity.

The physical action is based on an implied order invisibly determining the findings of this world.

Mathematical derivation of the higher dimensions

In order to get a complete mathematical description of gravity in the four-dimensional spacetime that contains both components of the gravitational field (the field of masses and the field emanating from the mass of the field) and that carries out a consistent quantization of the space, Heim introduces a probability equation with the four-dimensional spacetime as a carrier space. This means that every possible four-dimensional space-time-geometry corresponds to a certain probability as it is usual in quantum mechanics. This probability equation has a discrete set of eigenvalues where the eigenvalues correspond to possible states of a macroscopic point source of the gravitational field, therefore to a mass.

Based on a simple consideration, one obtains the number of equations resulting in such a set of eigenvalues. Here, three index numbers can individually loop through the figures 1–4 (this corresponds to the four dimensions of the spacetime) and a total of 43=64 independent equations is yielded. Here, the three index numbers are the three indexes of the so-called Christoffel symbols describing the motion of a free particle in the gravitational field.

By considering the known identities and symmetries of spacetime, 28 further equations arise, causing that only 36 of these 64 equations can be solved independently. 28 of the 64 sets of eigenvalues must remain empty in this way and do not need to be taken into account. Thus, actually only 36 different physical quantities, entirely describing the energetic states of the gravitational field and mass field, remain.

These 38 quantities can be written as components of a matrix with six rows and six columns. Thus, this matrix yields a six-row energy-impulse-tensor, analogously to the four-dimensional tensor of the theory of relativity. Since the four-dimensional energy-impulse-tensor indicates the dynamics of energy and impulse in a four-dimensional spacetime, one can conclude that the

Burkhard Heim (1925–2001), German explosives engineer and physicist. His major work which owes to his fame is the uniform field theory, the Heim Quantum field theory.

James Clerk Maxwell (1831-1879), Scottish Physicist. He developed a set of equations that form the basis of electricity and magnetism. Furthermore he discovered the velocity distribution of gas molecules (Maxwell distribution).

six-row tensor represents physical processes of a six-dimensional spacetime. Four of these six dimensions apparently correspond to the spacetime known from the general theory of relativity. The two additional dimensions x_5 and x_6 form, together with the known spacetime, a six-dimensional hyperspace where the four-dimensional spacetime is embedded as a subspace. Now it is the task of physics to identify the importance of the two additional dimensions x_5 and x_6. These two new dimensions are termed as trans-dimensions by Burkhard Heim.

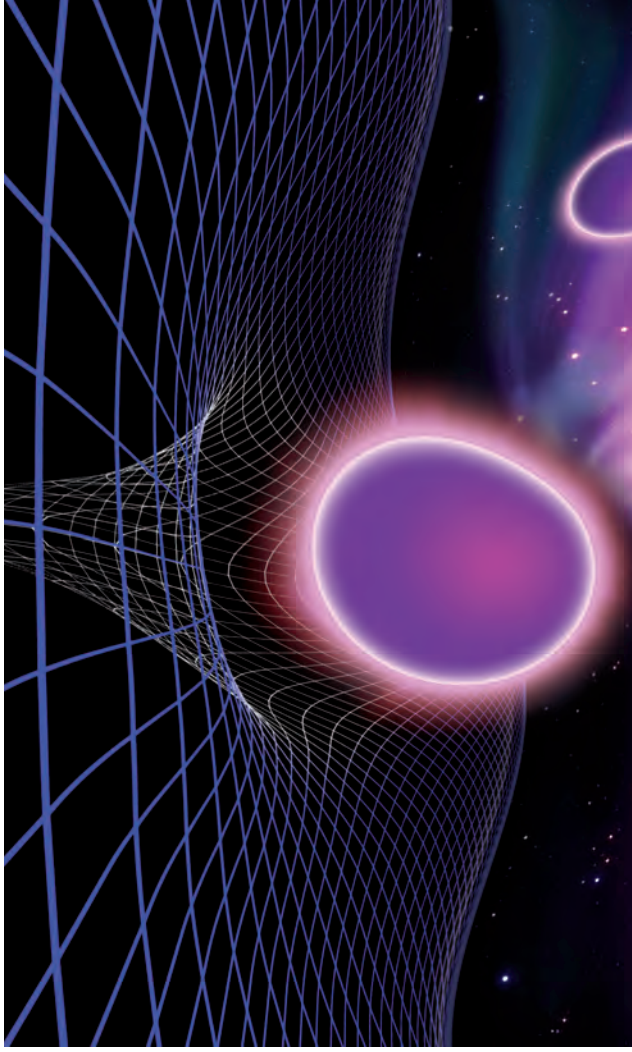
The six-dimensional tensor has the structure as shown in Table 1.

It consists of the three spatial dimensions x, y, z, the temporal dimension t and the two additional dimensions x_5 and x_6.

Here, each of the 36 elements of the tensor indicate the way the two dimensions, that are contained therein, interact. The 9 elements in the lower left area of the tensor, for example, contain only terms where the spatial dimensions x, y, and z interact.

One can conclude from the already mentioned symmetry considerations and identity theorems that the three-dimensional subspace x, y, and z does not directly interact with the two additional dimensions x_5 and x_6. Therefore, all terms containing x, y, or z on the one side and x_5 or x_6 on the other side, are nil. This way the tensor is yielded. See the top of page 78 (?).

The blue area of the tensor corresponds to the interaction of the three-dimensional space with itself, while the green area contains the interaction of the two trans-dimensions. The visible tangible three-dimensional space does not directly receive anything of these „green interactions“. For us as three-dimensional beings, these interactions initially and entirely take place in the non-manifested area of six-dimensional reality.



However, this does not mean that the activities of the trans-dimensions have no importance for the three-dimensional matter of our experience or does not affect it. The activities of the trans-dimensions influence the visible matter through the dimensions of time. This interaction expresses itself in the elements of the energy-impulse-tenor containing the time t on the one side and the two trans-dimensions x_5 or x_6 on the other side. These elements are illustrated in the previous figure in pink color.

In the tensor, these eleven elements form the cross of time, the point where the trans-dimensions affect the manifested space. Physically, this means that the non-manifested world of trans-dimensions influences the visible world through the medium of time. In this way, time is an active force conveying information from the higher dimensions to the visible tangible world. Thus, it constitutes the medium that is used to make contact with the information fields of the higher dimensions by means of radionics. This happens through the natural vibrations of the space that include the trans-dimensions as well as time. The Russian astrophysicist Nikolay Kozyrev (1908–1983) calls these processes time waves. Information and intelligence of life is propagated through them.

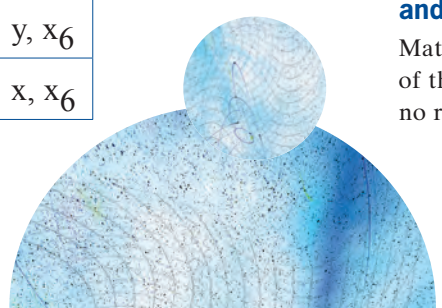
In his theory of elementary particles, Burkhard Heim interprets these interactions as an exchange of photons. Photons are, as particles of light, nothing other than interactions of time with the two trans-dimensions x_5 and x_6. In this way, the light conveys information from the higher dimensions to the three-dimensional space and vice versa. This is also an explanation why the light is a metaphor for the divine and truth of higher dimensions in every ancient culture. Even physically considered, photons are transmitters of super-spatial physical information.

x_6, x	x_6, y	x_6, z	x_6, t	x_6, x_5	x_6, x_6
x_5, x	x_5, y	x_5, z	x_5, t	x_5, x_5	x_5, x_6
t, x	t, y	t, z	t, t	t, x_5	t, x_6
z, x	z, y	z, z	z, t	z, x_5	z, x_6
y, x	y, y	y,z	y, t	y, x_5	y, x_6
x, x	x, y	x, z	x, t	x, x_5	x, x_6

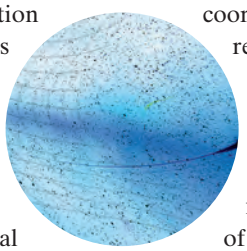
Table 1: The structure of the six dimensional Tensors.

The importance of the 5th and 6th dimension

Mathematically, the two coordinates of the trans-dimensions x_5 or x_6 are no real numbers like the coordinates



of the three-dimensional visible space, but just as time, they are imaginary numbers. They are neither of spatial nor temporal quality and therefore need a completely different physical interpretation. Burkhard Heim interprets them as a space of coordinating states where the physical processes of the visible space are controlled. They do not form a pure information field, since the physical states of this dimension represent elements of the energy-impulse-tenor and thus, possess energy as well as information. Heim termed the x_5-coordinate the "entelechial dimension" and the x_6-coordinate the "aeonic dimension".



Burkhard Heim regarded the x_5-coordinate as the key to the targeted entelechial processes of life aiming at the preservation of life and the development of a higher complexity. Furthermore, he regarded the x_6-coordinate, the aeonic dimension as the key to the great cosmological cycles (aeons) controlling the overarching cosmological events. In this sense, both trans-coordinates work closely together in order to direct the processes of life and the cosmological events to a higher complexity and encompassing order and unity. Thus, diseases and other crises in the process of life are also controlled by the trans-coordinates.

The aim of radionics is to optimize the organization processes of the trans-coordinates so that they influence life towards its original healthy state in case of a crisis. The intact, complete information pattern of life as pure information field, however, can not be found in the energetically active trans-dimensions, but is, according to Burkhard Heim, in a superordinate pure information field forming a further hyperspace to the R_6 (see page 80).

In order to understand the importance of the x_5-coordinate of the entelechial dimension a completely new physical approach is required. This states that the probabilities of states are influenced by the importance these states have for a more encompassing system on a more complex level where these are contained in. If one considers, for example, the biochemical reactions of certain amino acids, one will recognize that the probabilities of these reactions are also determined by the usefulness the respective amino acids have for the living cell. The more useful a certain amino acid is for the living cell, the higher the probability of its formation on the x_5-coordinate will be evaluated. Thus, the evaluation of the x_5-coordinate of a system is always related to a higher context in case of living systems and orientates on the aim of the more encompassing system. In this way, the effect of the x_5-coordinate is of teleological nature and appears as an entelechial force in nature offering life more and more complexity and unity. Herein, an important statement of Teilhard de Chardin expresses itself. He said, *"Higher existence is a more encompassing connectedness."*

In this way, the six-dimensional energy space R_6 can be divided into three subspaces. The superordinate events of the two trans-dimensions form an energetic control space S_2 that constantly controls and directs the events in the manifested space R_3 through the flow of time. The control space S_2 represents a dynamic information space where the laws of life and the cosmological cycles have their roots. Therefore, one has to study the laws of the trans-coordinates in order to understand life.

0	0	0	x_6, t	x_6, x_5	x_6, x_6
0	0	0	x_5, t	x_5, x_5	x_5, x_6
t, x	t, y	t, z	t, t	t, x_5	t, x_6
z, x	z, y	z, z	z, t	0	0
y, x	y, y	y,z	y, t	0	0
x, x	x, y	x, z	x, t	0	0

Table 2: The six-dimensional tensor after adjustment by symmetrical considerations.

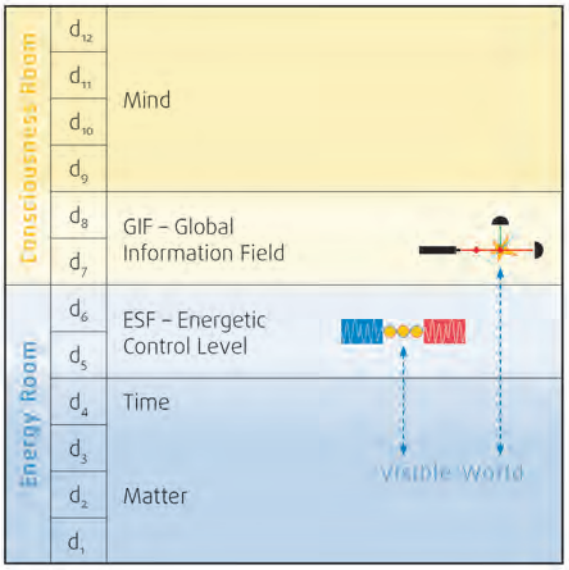
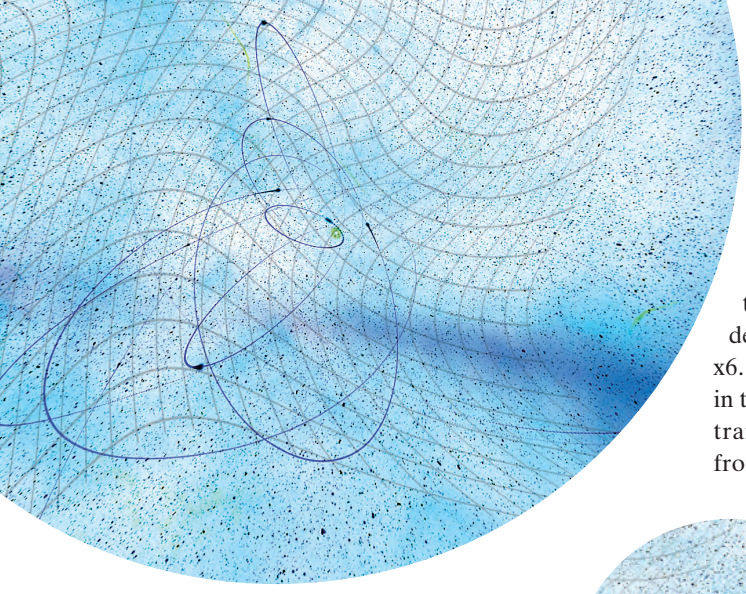


Fig. 1: Illustration of Burkhard Heim's theory of the twelve dimensional structure.

Space and matter in the six-dimensional hyperspace

In this way, Burkhard Heim's unified quantum field theory represents all physical forces and energies as dynamic interactions of a six-dimensional quantized space. The quantum of this space is a two-dimensional square with the surface area of the square is the Planck length ($6.15 \times 10^{-70} m^2$). While the entire space vibrates and is deformed, the area of the space quanta, that Heim refers to as metrons, al-

Note: Science doesn't recognize the existence of information fields and their meaning due to lack of scientific evidence.



ways remains. Only their shape is constantly changing, just as you can fold and crumple a sheet of paper without changing its surface area.

One can visualize such a quantized space as a six-dimensional square-lattice that is set into vibration by the influence of time. These vibrations propagate within the space-time-lattice in the form of waves that reflect each other and thus, form a stationary vibrational field. In this way, complex patterns arise out of the dynamic deformations of the six-dimensional spacetime that Burkhard Heim refers to as space condensations. The countless different forms of elementary particles and the associated forces and interactions are, according to Burkhard Heim, nothing other than different forms of condensation of the six-dimensional space-time-lattice. These differ with respect to the spatiotemporal coordinates that are involved in them. This way, for example, the graviton arises as an elementary particle out of the condensation that only includes the two trans-coordinates x5 and x6. This elementary particle appears in the form of gravitational waves and transmits, just as light, information from the higher dimensions into the visible world. Probably, these waves are referred to as time waves by Nikolay Kozyrev.

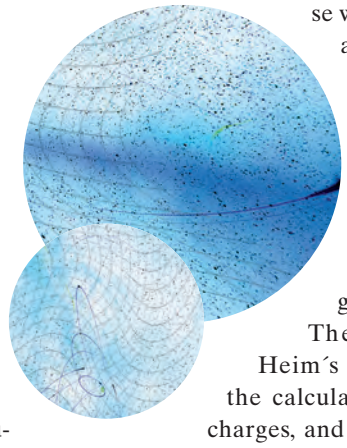


Table 3 (p.79) contains the main condensations with the coordinates and elementary particles assigned to them.

The application of Heim´s formulas leads to the calculation of the masses, charges, and other physical properties of all known elementary particles and is an indication of a number of particles that have not been discovered yet.

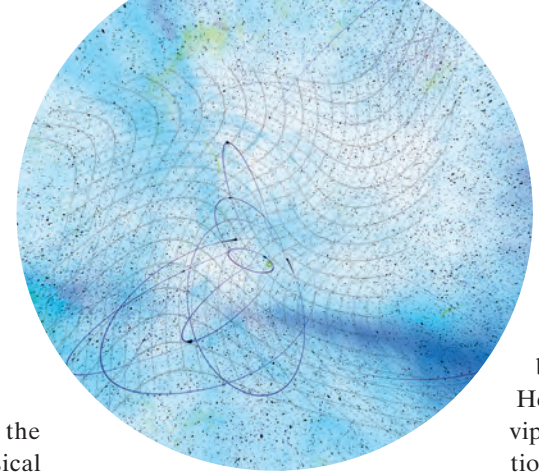
The twelve-dimensional hyperspace

From mathematical symmetry considerations and the application of the law of conservation of energy, Burkhard Heim deduced a universal law of dimensions. It is a consequence of this law that the six-dimensional energy space R6 is embedded in a twelve-dimensional hyperspace R12, whereby its higher coordinates x7-x12 do not form, physically speaking, any energy states, but a pure information space.

Burkhard Heim embeds the physical world in a mirror-image information space that has also six dimensions. Its structure is a mirror image of R6. The dimensions x7 and x8 form a complementary information space I2 for the energetic control field S2 of the two coordinates x5 and x6. Herein, the intact information fields of all processes of life are stored. The main task of radionic work is to connect an object or living being with its original information field in the I2. The R12 is upwardly limited by the G4 space in a mirror-image way with respect to the tangible spacetime R4. It is a purely mental space where the mathematically presentable aspects of the activities of the consciousness of the living beings and of the universe are presented. G4 is a reflection of mental reality that is constantly updated into the R4 by the flow of time and the the flow of consciousness. The combination of S2 and I2 is a connecting space of information fields which the mental world G4 uses to communicate with the tangible world R4. Thus, the actual radionic work takes place in the G4 and is done by the radionic user through their intentional mental work with their clients without using any technical devices. This takes place in the relationship with the human beings and the mental world. Only when this mental work is implemented through the physical connecting spaces S2 and I2, the hardware of radionic devices is integrated. Thus, a radionic device must be able to access the S2 and I2 by

Table 3: The most important condensations (also called „Hermetry“) of hyperspace

involved coordinates	elementary particles	physical meaning
x_5, x_6	Graviton	modifying the quantum probabilities based on information of the intellectual hyper spaces of R_6
t, x_5, x_6	Photon	transmitting information from x_5 and x_6 in R_3
x, y, z, x_5, x_6	uncharged particles with mass	as neutrons, neutrinos
x, y, z, t, x_5, x_6	charged particles with mass	as elektrons, protons



means of real quantum processes through photons or gravitons.

The application of Heim´s theory in radionics

Heim´s quantum field theory is the first mathematically exact physical theory offering a complete theoretical basis for radionics. It demonstrates how every physical process is accompanied by activities on the level of the energetic control field (x5 and x6), of the complementary information field (x7 and x8,) and activities in the mental hyperspace. Live processes and complex events, that are subject to the influence of human actions and human consciousness, are controlled by the eight higher dimensions.

Gravitons and photons

According to Burkhard Heim´s field theory, there are mainly two groups of elementary particles transmitting information from the higher dimensions into the four-dimensional physical spacetime: photons and gravitons.

The condensations of the dimensions x4, x5, and x6 become visible in our three-dimensional space of intuition as electromagnetic waves and photons. This means that photons carry messages from the two trans-dimensions. Therefore, they are very suitable to communicate directly with the control fields of matter and the mental dimension.

Even electromagnetic vibrations of high frequencies as, for example, the white noise diodes can be considered as condensations of this type. Prof. Konstantin Meyl referred to white noise to as an electromagnetic scalar wave propagating at the speed of zero. Therefore, information of the trans-dimensions is expressed in the white noise. Here, however, other dimensions are involved, since a noise of a diode mainly consists of vibrating electrons that belong to the fourth hermite-group and include a condensation of all dimensions.

However, if only the two trans-dimensions (x5 and x6) condense, these dynamic vibrational processes of space appear as gravitons; quantum probabilities of individual quantum leaps are modified by them. The control of the gravitons takes place from the level of the four-dimensional mental hyperspace G4 that partially and repeatedly reproduces itself on the physical spacetime R4 at a distance of infinitesimal time intervals. Thus, the gravitons convey the influence of the mental world on the tangible world through the control of quantum probabilities.

Graviphotons: interaction between gravity and electromagnetism

This effect can be demonstrated in quantum processes of light that are executed by single photons. Thus, photons and gravitons are involved in the modification of the quantum probabilities of light (modification of quantum probabilities).

Here, interactions between photons and gravitons appear as a further elementary particle, whereby its existence is derived from Heim´s theory. It is referred to as graviphoton and represents the interaction between gravity and electromagnetic interaction (photons).

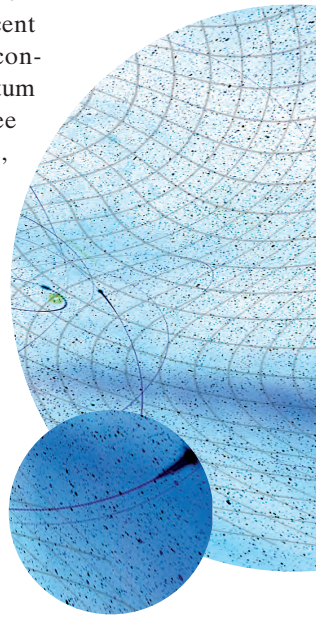
Mathematically, the existence of graviphotons can be deduced by examining the interaction between the energetic control space (x5 and x6) and the complementary information space (x7 and x8). Only through the expansion of the six-dimensional energy space by the two information dimensions (x7 and x8), space can be completely quantized. Only due to this, Heim´s theory becomes a unified quantum field theory that unifies all known interactions (gravity, electromagnetic force, strong and weak interactions) by describing them as vibrational processes of space, in the sense of AR, that are then consequently quantized. Thus, the space is divided into extremely small areas (metrons), whereby their vibrations can only change their energetic state when they are quantized.

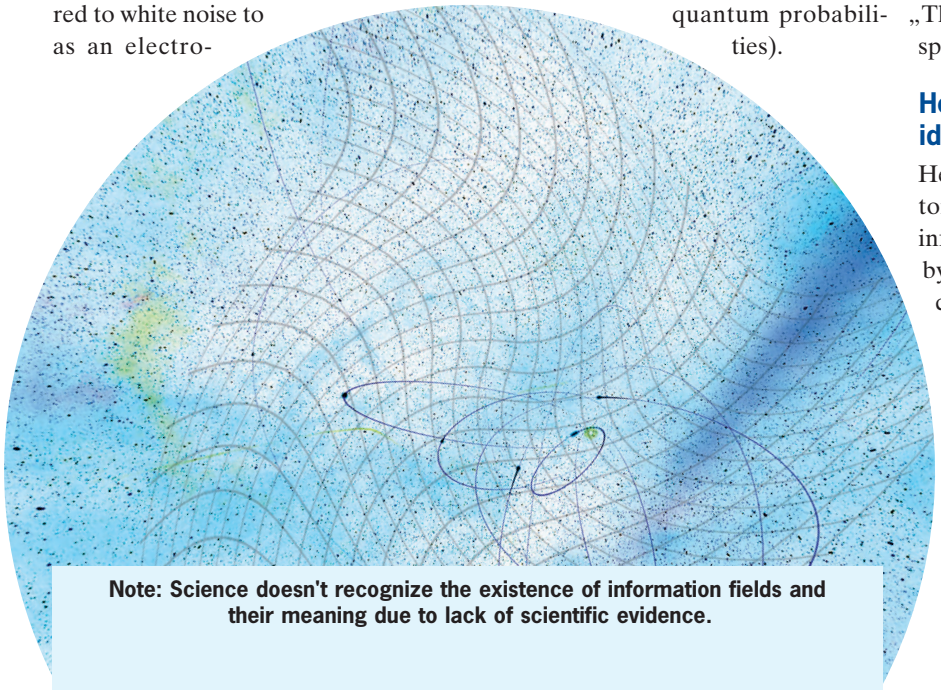
No elementary-particle moves without its path was mapped out in the higher dimensions.

As a consequence thereof, it becomes clear that information of the mental hyperspace and the two subjacent information spaces is directly contained in the modification of quantum probabilities of a photon flux (see „The physics of consciousness“, space&time no. 149).

How is an object identified in radionics?

Here, the assignment of the photon flux to a specific content of information is solely carried out by consciously focusing on this content of information. According to Burkhard Heim´s model, contents of consciousness, however, correspond to physical processes just like physical events. Functions of consciousness are actually loca-





Note: Science doesn't recognize the existence of information fields and their meaning due to lack of scientific evidence.

ted at a higher hierarchical interface and are therefore superior to material processes. In this way, functions of consciousness are able to control the activity flows of matter. It is especially effective to use a photo to identify an object. A photo depicts properties of an object with a large content of information. The connection to the photographed object is not only the outward similarity, but is mainly ensured through the 5th and 6th dimension. There the relationship between photo and object is clearly visible.

Apart from the identification of an object by a photo, the vibration of the object can be recorded by means of analog random noise or by the digital noise of the quantum of light resonator. The recorded vibrations are in turn connected to the target object at the level of the 5th and 6th dimension. ■

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During his studies (physics and philosophy) Marcus Schmieke interested in the interaction between matter and consciousness. Since 1996 he has been founded by him „Vedas academy for integrating science and spirituality“ (www.veden-akademie.de). In the same year his radionic research began. Marcus Schmieke received important impulsesfor it from his personal encounters with physicist Burkhard Heim. Schmieke researches and teaches since 2007 as a visiting professor at the Dev Sanskriti University, Haridwar/India .