

The physics of consciousness

Radionics – The interface between mind and matter

Radionics approaches therapy 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

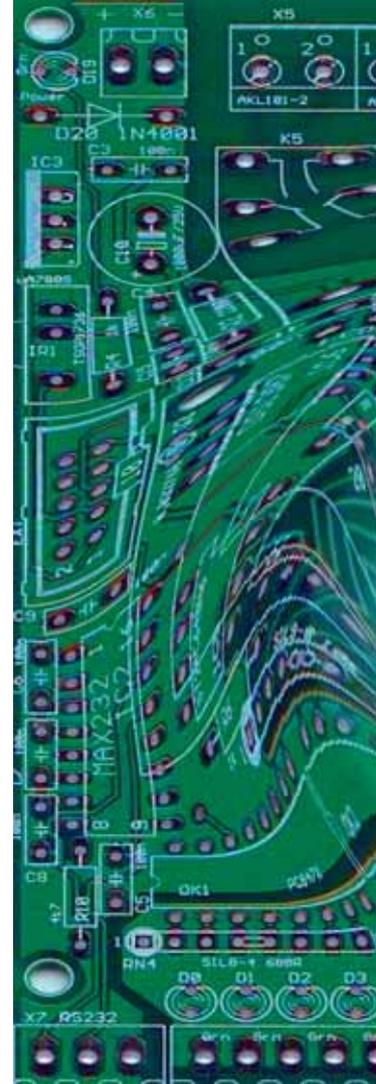
Basically, radionics is regarded as an interface between matter and consciousness. Therefore, a radionics device is an interface, a technical system supporting the user's consciousness in communicating with their material environment. Thus, consciousness has the primary importance, the quality of the 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 indi-

viduals 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-





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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 infor-

mation 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 essa-

ys 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

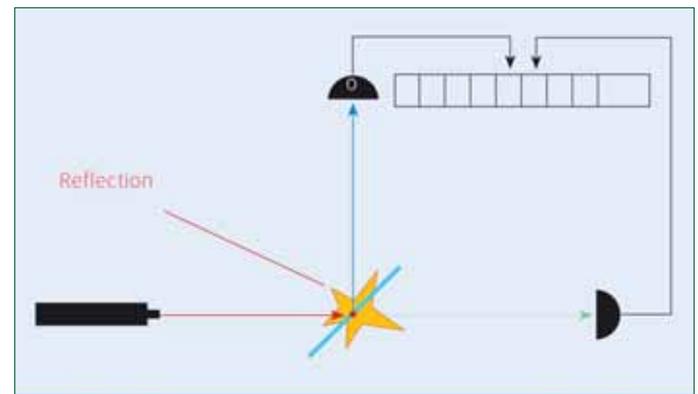
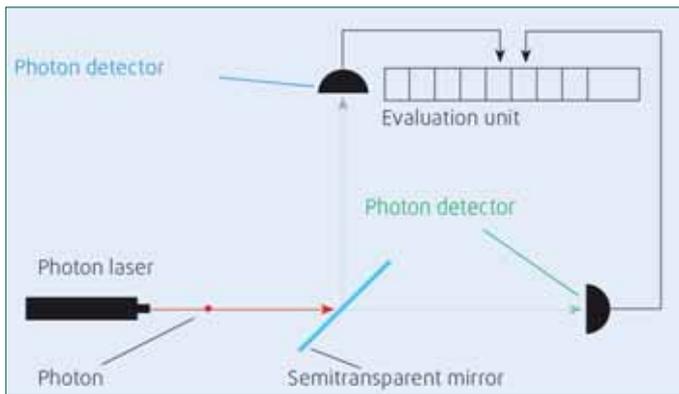
Günther regards matter and consciousness as two complementary manifestations of one reality. Nothing is either matter or consciousness. The human, a conscious being, is inseparably linked with their environment that primarily consists of matter. A part of



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

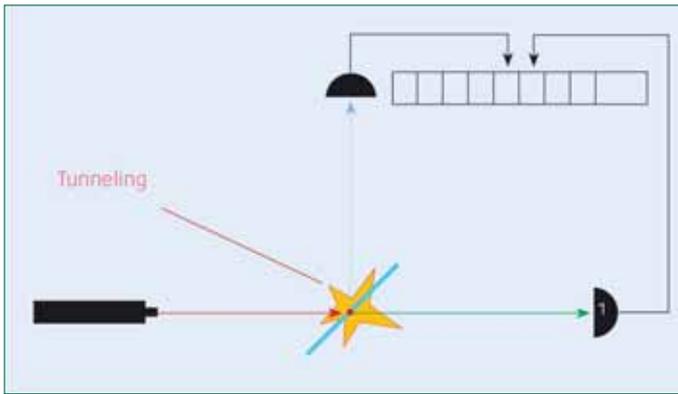
The same happens when someone intensely involves themselves with a radionics system and uses it in practice. A part of their consciousness flows into the system, but without losing a part of it. Rather, they outsource certain conscious skills and pass them to the radionics system. Since the consciousness 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

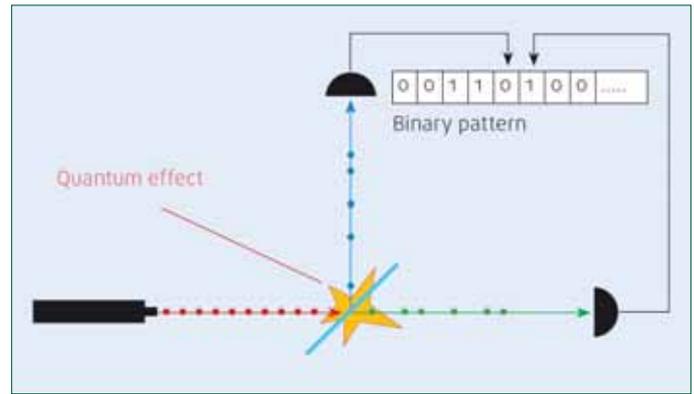
What is Radionics?

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).



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.

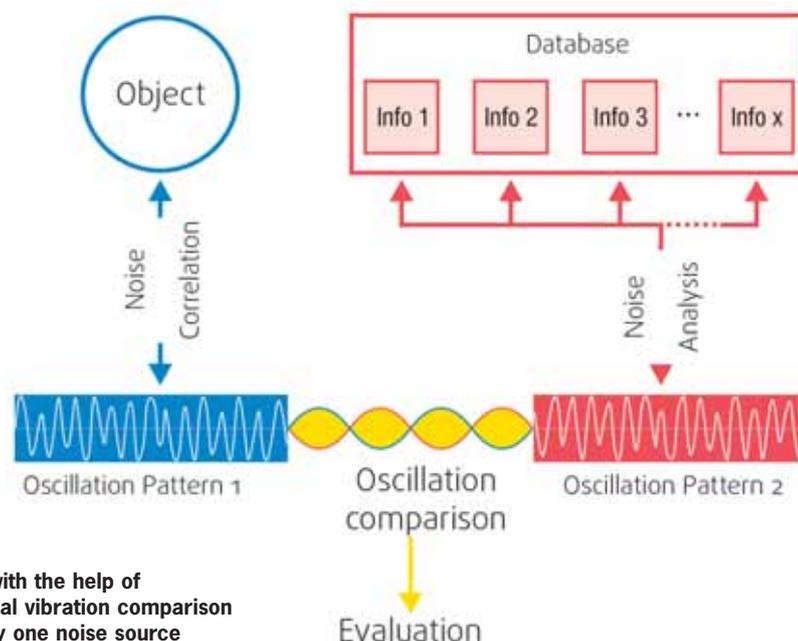
Thus, each radionics system contains a physical component. For the purpose that this is open to the impulses of consciousness, it must contain non-deterministic elements. These are elements with processes that are not predetermined by tangible factors. Only then, the consciousness of the device can manifest its freedom from the tan-

gible 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 equat-

ion 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 un-realized 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-

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 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.

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



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 discoveries of 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.

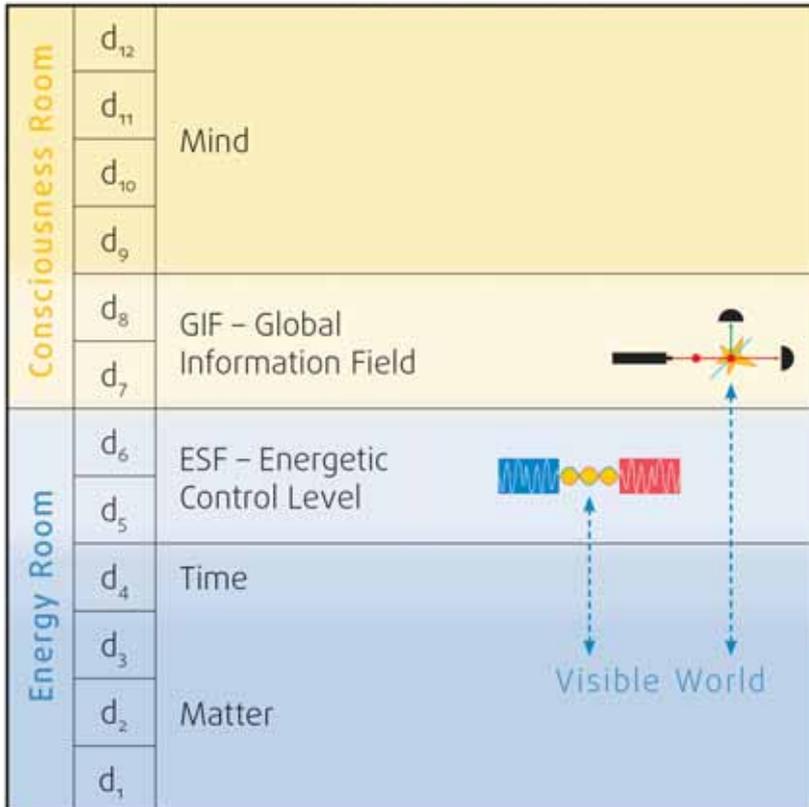
Radionics works at the interface of these two spaces. The six-dimensional energy space consists of the four-dimensional spacetime and the two-dimensional Energetic Control field (ECF). Similarly, the six-dimensional information space is divided into a four-dimensional mental space and a two-dimensi-

onal 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 ef-

fect. 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-dimensional structure of the Universe clearly shows how Quantum and noise processes from two different levels can work as an interface between consciousness and matter.