

870 - Literature Survey in Spiritual Healing and Holism

Assignment #4: Annotate selections and write paper for your topic: **Scalar Waves**

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Introduction

This paper was meant to give a layperson's an easy, straight forward explanation of scalar waves and scalar fields. After reading over 1500 pages on the subject, I became more confused than when I started, mainly because the more I read the more diverse and even contradicting explanations I got. Slowly I came to the realization that those who claimed to know about scalar do not know at all – they just have a theory, their own interpretation about it. While some authors used different theories under the same name, others used the same theory under different names. A good example is Figure 1, which shows a wave. This was declared to be a scalar wave in the Barron Report on a manufacturer's website of a scalar chamber¹, while it was declared to be a hertzian wave by a German professor of electrical engineering². Another example is the history of scalar waves. Those few books that I found about scalar mention Nikola Tesla as the genius who understood the depth and the meaning of James Maxwell's famous wave equation, while another book from a Nobel Price winning physicist does not even mention Tesla and celebrates Hertz as the hero who cleaned up Maxwell's clumsy mathematics.³

Who to trust and who to believe becomes a matter of personal intuition, not a result of a thorough literature research. This is a subject where there is no definite answer to it in the literature, just opinions and ideas. With this major disclaimer out, I would like to summarize what I believe scalar waves are.

History of the Scalar Wave

Both Meyl and Bischof place the English physicist James Clerk Maxwell (1831-1879) at the center of modern scalar theory. Tom Bearden, on the other side, refers to Whittaker. Common nominator is that both theories got overridden by a new theory offered through Hertz and Heaviside. Maxwell built his theory of the ether on Faraday's conviction that electromagnetic effects were the result of a tension in the ether. This tension was called the Vector Potential and was seen as the underlying and primary source of electromagnetism. In his mathematically formulated wave equation, Maxwell distinguished between two types of waves – the transversal, electromagnetic wave and the standing wave, which today is called scalar waves.⁴ While his mathematical wave equation clearly indicated the existence of different types of waves within one wave, Maxwell himself did not fully support this theory because he could not envision how the longitudinal scalar wave would propagate. Hertz found experimental evidence for the electromagnetic wave and after Maxwell's death in 1879, Hertz and Heaviside proclaimed that the Vector Potential, the second part of the Maxwell equation, had no physical reality. Hertz and Heaviside subtracted the Vector Potential out of Maxwell's equation, as mathematically, it would amount to zero. They did not account for the very real fact that a system of opposing forces might be mathematically canceled out to zero, but in reality those forces still exist.

On the other side of the Atlantic, in the USA, a young Croatian born electrical scientist and inventor of the alternate current motor maintained Maxwell's original idea. It was Nikola Tesla (1856-1943), nowadays well known as the true inventor of the radio and some other 700 patents such as his high frequency alternating-current transformer, the Tesla Coil. Nikola Tesla went back to the original Maxwell equation and concentrated on the part of it that was canceled out by the Europeans. He postulated that massless, electrically charged particles existed in the ambient medium (the ether) and that they were not restricted by the speed of light barrier. As the battle over the nature of waves

waged, Lord Kelvin was sent to New York in 1897, in order to settle the dispute. Skeptic at first, he eventually admitted that both Hertz and Tesla had discovered waves, albeit waves different in their characteristics. Tesla agreed that every electromagnetic device emanates both transversal and longitudinal waves, but as no measuring tool existed to measure scalar waves, they would not be accounted for. Nevertheless, he proved the existence of longitudinal waves through the effects he achieved with his inventions.

In 1959, the quantum physicist Aharonov and Bohm proved experientially the physical existence of the Vector Potentials and thus proved the existence of Scalar Waves as the connecting point between the virtual vacuum, the Zero Point Field, and the physical reality.

Definition and Characteristics of Scalar Waves

A scalar measurement in physics terms is a quantity with a magnitude, but no direction. Temperature, pressure or volume are all scalar measurements. The definition of scalar as it is discussed in this text is more detailed – and more confusing – though. The main confusion stems from different definitions and the use of different terms which apparently relate to the same phenomenon. The best attempt to open the subject of scalar energy to the layperson is Marco Bischof's book "Tachyonen, Orgonergie, Skalarwellen" (so far only available in German). In his introduction, Bischof expresses his frustration that such terms like scalar, orgone, tachyons, gravitons and neutrinos are apparently used interchangeably as a term for the same massless, faster than light moving particle.⁵ Dr. Konstantin Meyl from the University Fuertwangen in Germany confirms that terms such as free energy, tachyon energy, orgone, neutrino radiation and potential vortex waves are various terms for the same phenomenon: The longitudinal energy wave discovered by Tesla, which some call scalar wave.⁶ As a general consensus to all attempts to define these terms, I came to the following conclusion:

A wave is not just a wave, it is a conglomerate of various waves, mainly one electromagnetic wave and one scalar wave. Figure 1 shows the two wave phenomena according to Meyl.⁷

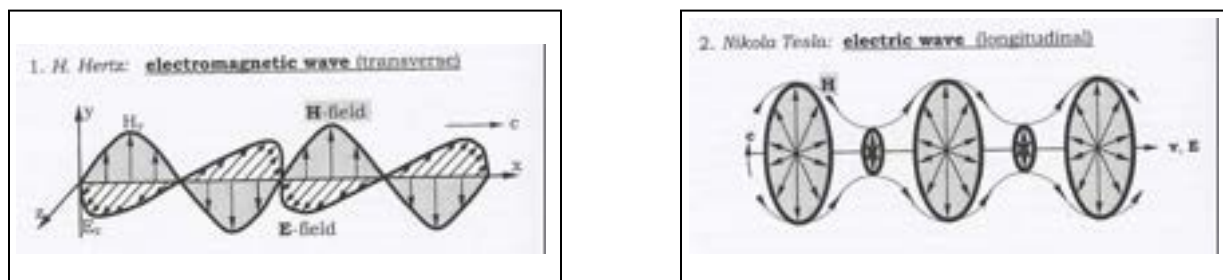


Fig. 1: A transversal electromagnetic wave and a longitudinal scalar wave. Meyl (2003)

A Hertzian wave oscillates perpendicular to its direction, with a constant speed 'c', the speed of light. It can only vary in frequency (cycles per second), which give us an array of waves ranging from the ELF range over LW, MW, SW, UHF, microwave, infrared, light, UV to X-ray and cosmic

radiation. A scalar wave moves longitudinal towards its direction without a fixed velocity. It can be a standing wave, noise, earth radiation or biophotons at the spectrum below c , photons at c or neutrino and tachyon radiation above c .⁸ This differentiation leads me to call Scalar Waves a category heading for all longitudinal waves with arbitrary velocities between zero and infinity.

Meyl also conducted a series of experiments in which he proved the key characteristics of a scalar wave:¹⁰ These characteristics are wireless energy transfer, feedback of the receiver, proof of free energy, superluminal velocity and ineffectiveness of the Faraday cage¹¹. Meyl stresses the importance of Scalar Wave in his quote: “Scalar waves are able ... to revolutionize both the energy technology and the information technology fundamentally. It is more than only a technology for the new century. Scalar waves are a change for the whole millennium”.¹²

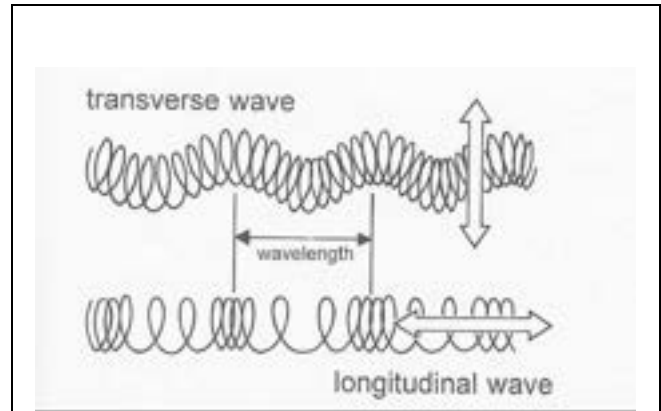


Fig. 2: transversal/longitudinal wave. Dubeck⁹

The term Scalar Waves in the USA is mostly connected with Thomas Bearden, a retired Lt. Col. and nuclear physicist. While searching the Russian scientific literature during the cold war years of the 1970ies, Bearden discovered that Russian scientists had continued to explore Tesla’s inventions. They had found ways to use his specific theory of the ambient medium for the development of new weapon systems, which were tapping into the vector potential. Bearden postulates that scalar waves are the result of the man made interactions with the electromagnetic potentials of the zero point field. Bearden calls this field of research Gravitobiology and claims in his book that “ in gravitobiology, physical reality itself becomes deterministically tuneable, changeable, engineerable, and not fixed at all”.¹³ Bearden demonstrates the two kinds of electromagnetic energy that is applied in gravitobiology: The externally acting “translation” EM energy that moves along a vector and the internally acting “stress” EM energy, which is trapped tension. This equates to electromagnetic scalar potential, the scalar energy that, due to its missing external measurement, was set to zero by Hertz and Heaviside. Bearden claims that the scalar potential is static with two spinning photons which are trapped in the electromagnetic component of the wave. The Scalar Potential is hidden inside the electromagnetic part of the wave and is only released when the electromagnetic part is cancelled out by destructive interference. Oschman¹⁴ also claims that scalar is created by the destructive interference of two electromagnetic waves. In destructive interference, waves which are out of phase with each other (one is at its peak while the other is at its trough) cancel or destroy each other. What is left is not measurable with electromagnetic tools, so it gives the appearance that nothing is there. What has been created, though, is a scalar field.

The developer of the Scalar Chamber, Sandra Rose Michael, defines the waves which are produced through her technology as “non-herzian, non-linear, 5th dimensional standing wave”.¹⁵ A standing wave is analog to a sound wave, where one particle bumps the neighboring particle and forwards the impulse only. This might be one specific kind of scalar waves with the velocity = 0. With 5th dimensional, Rose Michael refers to the connection or origin of the wave, which is said to be in a realm outside our space time continuum: The Akashic Field, the Unversion, the Zero Point Field.

Functioning of Scalar Waves

Probably the most visual and direct explanation of the workings of scalar waves come from David Wagner. Wagner / Cousens theory is best described with the aid of their graphic, as shown in Fig. 3. Wagner is the CEO of Advanced Tachyon Technologies and inventor of the tachyonized products, which are sold on his website www.planet-tachyon.com. Together with Gabriel Cousens, MD and holistic physician, spiritual facilitator and senior Essene teacher, he published his integrated tachyon theory of healing in their book *Tachyon Energy – A New Paradigm in holistic Healing*. According to Wagner / Cousens, healing occurs when the organism is able to tap into the primordial cosmic energy that is present in the realm of the faster-than-speed of light.

Wagner / Cousens postulate that “the first stepping down of this formless, unmanifested zero-point energy is into tachyon energy.”¹⁶ The tachyon energy then contains everything that exists in the zero point field, but now it is given a form, albeit still existing in the faster-than-speed-of-light realm. The tachyon energy is the source of all frequencies, it is not a frequency itself. It interacts with the SOEF’s, which absorbs it and enhances and strengthen

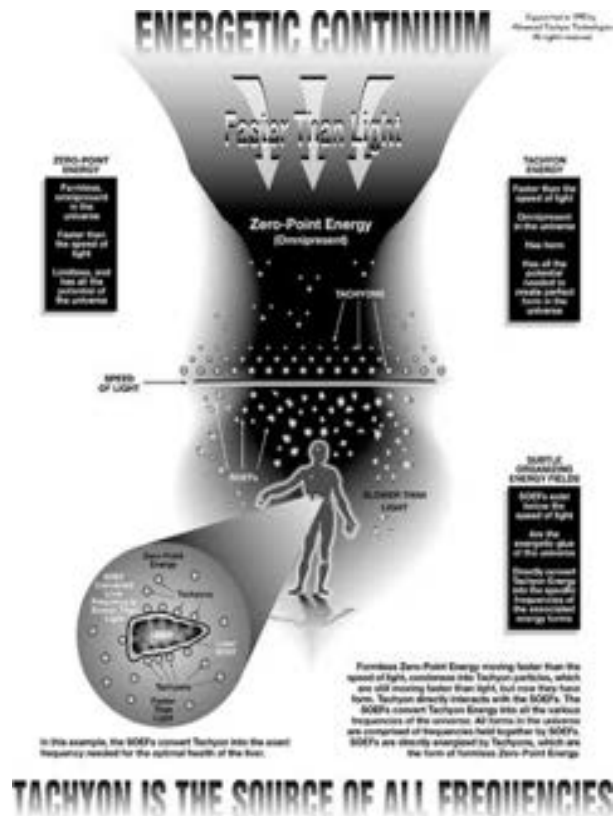


Fig. 3: Wagner /Cousens (1999)¹⁷

their own specific frequencies. A SOEF is a ‘subtle organizing energy field’ and its description matches my understanding of the etheric body that is visible through the Kirlian Phantom-Leaf Effect.¹⁸ The transmission of the frequencies of the SOEF’s to the physical body is actualized by biophotons, light particles that were scientifically confirmed by the German biophysicist Fritz Albert Popp.¹⁹ Figure 1 shows the example of the etheric body of the liver, which gets enhanced in its signature frequency by absorbing the tachyon energy. The enhanced etheric body is now able to provide the physical liver with the frequency needed to be healthy. Wagner / Cousens describe an illness as a blockage of the flow of this energetic continuum from the zero point field to the tachyons, the SOEF’s and the biophotons down to the physical organism.

George Lakhovsky’s explanation about the Secret of Life is very similar to Wagner / Cousens explanation. Lakhovsky postulates the theory that disease originates due to a disequilibrium of oscillation in the cells. His theory states that all living organisms radiate out frequencies, created through oscillation, and he claims that “all living organisms ... consist of electromagnetic systems normally in equilibrium under the influence of a field of cosmic radiation combined with internal radiations such as those conditioned by nutritional processes. Excessive or deficient amplitude of

this radiation must involve oscillatory disequilibrium which is fatal to the organism”.²⁰ Excessive or deficient amount of the radiation will weaken the cell and will allow it to become susceptible to other vibrations such as the oscillations of microbes, harmful electromagnetic fields or just neighboring, older cells. These vibrations override the signature vibration of healthy cells and change their vibration into the “unhealthy” vibration, thus creating the oscillatory disequilibrium. Lakhovsky gave these cosmic rays the name ‘Penetrating Radiation’. They originate out of the Univerision, a term coined by Lakhovsky. This explanation matches quantum physics accounts of the Zero Point Field. He claims that the purpose of these radiation is to maintain, by resonance and interference, the natural vibration of healthy cells, and to re-establish the vibrations of unhealthy cells by eliminating the radiations of microbes, differing as they do in amplitude and frequency.”²¹ Current scientists would probably call this penetrating radiation tachyon or scalar waves.

Meyl’s viewpoint is expressed through his unified field theory of the hydromagnetic field. Meyl states that the “hydromagnetic field is the all encompassing and with that most important field.”²² This sounds very much like the Zero Point Field we have been discussing. In Meyl’s theory, the hydromagnetic field is the precursor field to Maxwell’s electromagnetic field and the hydrogravitational field. The hydromagnetic field has no charge, no mass and no force and contains as starting point a wave, which can spontaneously roll up to a vortex, which then is perceived as physical reality. Meyl’s vortex theory claims that matter does not exist, only the appearance of matter and this occurs when waves roll up into vortexes. The propagation of potential vortex fields takes place as a longitudinal wave, as scalar wave.²³ The formation of potential vortexes creates energy and information and are thus primary, as “without potential vortices, no stability, no matter, no energy nor information would exist.”²⁴ In my understanding, Meyl’s unified field theory confirms Wagner / Cousens illustration in Fig. 3. The zero point field is equated to the hydromagnetic field and tachyons are the scalar waves. The impact of the tachyons on the SOEF’s would then be the rolling up of the scalar wave into a vortex with the accompanying release of the energy and information it carries.

Healing with scalar technology

Research with scalar energy, such as studies from Glen Rein²⁵ or Lana Marconi²⁶ indicate an array of physiological and psychological / emotional effects. Glen Rein’s study on lymphocyte proliferation suggests an enhancement of the immune system, which has direct influence on auto-immune disease such as AIDS, cancer or bacterial /viral diseases. Marconi’s study shows an improvement of the blood and a significantly enhanced health at the bio-psycho-spiritual level of functioning.

Bischof claims the Priore device to be one of the most important machines that uses scalar energy for healing. Antoine Priore (1912-1983), an Italian electroengineer, patented his P-1 in 1963, after it had proven to cure cancer, leukemia and various infectious diseases. The P-1 produced a magnetic field with high frequency waves which, according to Priore, would connect the healee with the universe, the zero point field.²⁷ Bearden confirms that Priore worked with scalar waves. Other device that tapped into a non-hertzian wave form as a means for the connection of the physical with the nonmanifested potentials of the zero point field are Andrea Puharich’s Tesla Watches (www.elfcoco.com) which contain a moebius loop to cancel the electromagnetic radiation, Raymond Rife’s light microscope and frequency device, Patrick Flanagan’s neurophon which enables hearing through waves other than sound waves and Wilhelm Mohr’s Aquapol that uses frequencies

to suck out water molecules from damp buildings. The mentioned Multi Wave Oscillator from Lakhovsky (now being produced by Advanced Technologies), the Tachyonized devices from David Wagner (www.planet-tachyon.com) and the Scalar Chamber from Sandra Rose Michael (www.hhfe.net) are further technologies which use scalar energy to tap into the unending healing potential of the zero point field. If we adhere to Meyl's unified field theory, healing is achieved with longitudinal scalar waves coming out of the hydromagnetic field and concentrating into vortices. The devices applied are various forms of antennas which catch or attract the scalar fields and collect the vortices. Meyl even refers to Reich's orgon accumulator as a collector of vortices.²⁸

The other side of the Scalar –Coin

Scalar energy is a tool, similar to a knife. A tool is not good or bad, it only is. It depends on the intention of the consciousness how this tool is being used. A knife can facilitate surgery that leads to healing or it can facilitate an attack which leads to death. The same is true for Scalar energy. This paper is focussed on scalar energy's potential on healing, it will not go into detail of the scalar wars as described in length by Thomas Bearden. According to his accounts in his books and on his website www.cheniere.org, scalar waves are used for biological warfare and weather manipulation. Hurricane Katrina is the latest example and links to some eye-opening sites are mentioned in the footnote.²⁹

Conclusion

In my interpretation of the various sources I read on this subject, scalar energy constitute of a bridge – or a tunnel - between an other dimensional realm outside our space time continuum, and our physical world. The bridge's entry point into our reality can be guided from the faster-than light dimension towards the individual through focused intention. Quantum physics speaks of the 'collapse of the wave function.'³⁰ According to the Copenhagen interpretation, a particle is present in waveform everywhere at once in a state of superposition and it will only collapse into the appearance of a particle if consciousness observes it (if a measurement is taken). The particle-wave in its superposition resides in the other dimensional realm of all potentials, called Zero Point Field in physics. If this 'collapse of the wave function' is the same than the described slowing down of the tachyons into slower than light particle that offer the needed frequencies to the SOEF's – and these tachyons are Meyl's waves that swirl up into a vortex and Tesla's longitudinal radiant energy – then the Schroedinger wave equation must have similarities with Maxwell's original wave equation. While pondering this question, I opened up Tillers book "Conscious Acts of Creation" and within a minute, found the quote: Specifically, Quantum Electrodynamics requires the simultaneous solution of the Schroedinger equation coupled with the Maxwell equation (rather than the static Poisson equation as normally utilized)."³¹ I am not a quantum physicist and can not read the wave equations in order to answer this question for myself. I believe, though, that my focused intention to find an answer to my question guided me to the book and the specific page of the quote. In my interpretation, this transmission of intent was facilitated by the scalar wave "bridge" into the "akashic field", where all the answers lie. I am coming to the conclusion that the quest to define scalar energy scientifically is impossible at the moment, as science itself is still debating it.

Endnotes

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- ¹ See www.hhfe.net – Go to *Technology*, then click on *Articles* and then on *Barron Report*.
- ² See Meyl, K. (2003): *Scalar Waves*, p. 470
- ³ Lederman, L. (1993): *The God Particle*, p.129f. Quote: “Hertz’ theoretical work consisted largely of cleaning up Maxwell, reducing and popularizing his theory. Without Hertz’ efforts, physics students would have to lift weights so they could wear triple-extra-large T-shirts in order to accommodate Maxwell’s clumsy mathematics” (printed on it). Lederman also goes on a rampage against theories which link physics with eastern philosophy such as *The Dancing Wu Li Master* from Gary Zukov or *The Tao of Physics* from Fritjof Capra. He calls Uri Geller and Immanuel Velikovsky fakes and relies on the Heisenberg uncertainty principle as being the basis of quantum physics (p.191) – which is argued to be the worse compromise in the history of quantum physics by Konstantin Meyl (*Scalar Waves*, p. 473). Who to believe, if Ph.D.’s and Nobel Price Laureates through around their contradicting theories?
- ⁴ See Bishof, M. (2002): *Tachyonen, Orgonenergie, Skalarwellen*, p. 163ff.
- ⁵ See Bishof, M. (2002): *Tachyonen, Orgonenergie, Skalarwellen*, p. 13; 212
- ⁶ Meyl, K. (2003): *Scalar Waves*, p. 205 and 209
- ⁷ Meyl actually postulates that there are three different waves: the scalar wave is also divided into an electrical scalar wave and a magnetic scalar wave and it is the electric scalar wave that Tesla discovered. The magnetic wave has not been experientially proven and belongs to Meyl’s theory. He believes the magnetic scalar wave is the most important.
- ⁸ See Meyl, K. (2003): *Scalar Waves*, p.486
- ⁹ Dubeck, L. / Moshier, S. / Boss, J. (1994): *Fantastic Voyages – Learning Science through science fiction*, p. 135
- ¹⁰ See Meyl, K (2003): *Scalar Wave Technology – Documentation for the Experimental- Kit to the transmission of electrical scalar waves*. Available at www.k-meyl.de
- ¹¹ 1) Energy Transfer: A Scalar waves has the ability to transport information and energy. The transmitted energy occurs wireless and it does not fade over a distance. A hertzian wave’s field strength decreases with the square of the distance.
 2) Feedback: Scalar waves only develop if a resonance between the transmitter and receiver is established. Power is only deducted if the receiver resonates. The transmitter realizes the power deduction as proof for resonance. With hertzian waves that are shot out in big circles, no feedback exists that tells the transmitter who received it.
 3) Proof of free energy: No power loss results during transmission. In addition, more power is received than is transmitted, as the receiver absorbs scalar waves from the environment on the case of resonance. Tesla even speculated that the received power increased with the distance to the transmitter. Herzian waves
 4) Superluminal velocity: Tesla contradicted Einstein who postulated that the speed of light “c” is the highest possible signal transmission speed. In his experiment, Meyl achieved a scalar wave signal transmission of approx. 1.5 times faster than the electromagnetic wave, which moves at “c”.
 5) Ineffective Faraday cage: A Scalar wave penetrates through faraday cages and solid matter such as the earth, as it has the ability to tunnel.
- ¹² Meyl, K. (2003): *Scalar Waves*, p. 485
- ¹³ Bearden T. (191): *Gravitobiology*, p. 2
- ¹⁴ Oschman, J. (2000): *Energy Medicine – The ScientificBasis*, p. 203ff
- ¹⁵ Sandra Rose Michael, in an interview with the author, April 24th, 2005 in Hawi, Big Island, Hawaii.
- ¹⁶ *Ibid*, p.8
- ¹⁷ Wagner / Cousens: *Tachyon Energy*, p. 18
- ¹⁸ The Kirlian Phantom-Leaf Effect is well described in the literature. See e.g. Gerber, Richard (2000): *Vibrational Medicine*, p.26. : A leaf has its top cut off and is photographed with Kirlian photography, The picture will still show the outline of the total leaf, although the top part has been cut off. The “phantom” is said to be the etheric body of the leaf, which represents the perfectly healthy state of the organism.
- ¹⁹ See Bischof, M. (2002): *Tachyonen, Orgonenergie, Skalarwellen*, p. 138
- ²⁰ Lakhovsky, G. (1939): *Secret of Life*, p. 77
- ²¹ *Ibid*. p.110
- ²² Meyl, K. (2003): *Scalar Waves*, p.171
- ²³ *Ibid*, p.179
- ²⁴ *Ibid*, p.183
- ²⁵ <http://www.advancedliving.com/nonhertziansc.ivnu>
- ²⁶ Marconi’s results are posted on the website of www.hhfe.net “Bio-Psycho-Spiritual Effects of the Energy Enhancement System on Adults.
- ²⁷ See Bishof, M. (2002): *Tachyonen, Orgonenergie, Skalarwellen*, p. 351

28 Meyl, K. (2003): *Scalar Waves*, p.193 - Wilhelm Reich discovered Orgon energy 1940. is the inventor of the Orgon Accumulator, a device which he claimed attracted Orgon energy from the atmosphere. Reich described Orgon Energy as the life force that determines health or illness in an organism. He claims it is present in the atmosphere and extends through all space, it is related to the sun, it is drawn in by all organisms, and is what accounts for the movement of all living things. It is a mass free field that serves as the medium for electromagnetic and gravitational waves and it can be attracted out of the atmosphere an orgon accumulator. For details on Wilhelm Reich, see www.orgone.org

²⁹ Professor James M. McCanney, M.S., is not shy to point out the true path of hurricane Katrina, which is not shown on the “official path” of the weather reports. According to McCanney, Katrina initially was said to pass New Orleans on the west, but then in the most unnatural way it turned north and east, exactly towards the oil refineries that lie in southern coastal areas. In his view, this hurricane and the 5 before it, are all manufactured specifically to hurt the US oil industry. In his book “Principia Meteorologica – The Physics of Sun Earth Weather – Mc Canney opens the reader’s eye to the impact of russian weather work and the weather control war that is occurring as we speak. This and more info you can find on <http://www.jmccanneyscience.com/Sun-Earth-Connection.HTM>. Another good link is Scott Stevens website. He is a TV weatherman and has been closely following our unusual weather and cloud patterns. He openly discussed the daily weather manipulation on his website www.weatherwars.info and refers to Tom Bearden’s website www.cheniere.org, which explains in detail the Russian and Japanese Mafia connection.

³⁰ This phenomenon is explained in all good Quantum physics books. I good visual explanation can be found in Gribbin, John (1998): *Q is for Quantum – An Encyclopedia of Particle Physics*, p.88f

³¹ Tiller, W. (): *Conscious Act of Creation*, p.61

ANNOTATIONS

Bearden, Tom: *Gravitobiology – A New Biophysics*. Cheniere Press. www.cheniere.org. 1991. ISBN: not available. // *Skalar Technologie*. Michaels Verlag, Germany. 2002 ISBN: 3-89539-250-2.

Bearden’s book title of the Germany edition can be translated to ‘Scalar technology’. And indeed, Bearden’s book is a book about scalar energy, an energy which Bearden claims is used by the Russian KGB for decades now to manipulate weather pattern, radiate the members of the US embassy in Moscow and prepare for warefare by spreading the woodpecker grid across the United States. Gravitobiology is short for electrogravitobiology, which is the application of an unified field theory which aims at combining electromagnetics and gravitation in relation to the living organism. By applying gravitobiology, it is possible to manipulate and alter the time-space reality. Bearden, a retired Lt.Col., U.S. Army, paints a gloomy picture of Russia’s ability to induce death in a whole population by aiming scalar weapons at it. He describes the quantum physical background to this technology to be the radiated second half of Maxwell’s equation. He points to western arrogance and power plays as the main factor in the dismissal of Whittaker’s and Telsa’s attempts to reintroduce it. Meanwhile, Bearden claims, Russia has spend decades in experimenting with this technology and has achieved the ability to blow the whole planet up, almost with a flick of a finger.

Becker, Robert: *Cross Currents. The Perils of Electropollution, the Promise of Electromedicine*. Tarcher / Penguin. 1990. ISBN: 0-87477-609-0

Becker spent thirty years to write his preceding book *The Body Electric – Electromagnetism and the Foundation of Life*. Merely 5 years after, he came out with this book, which builds on his predecessor. The wisdom and depth of his exploration into our electrical selves continues

and goes beyond the realm of the scientifically proven. Becker presents his view of the new scientific revolution, which includes the morphogenetic field as our blueprint for growth and healing and the use of the mind as means to control the body's electrical system. After praising our body as a wondrous electrical miracle, Becker turns to the disturbing facts on how much man-made electromagnetic fields are effecting us. AIDS, Autism, Alzheimer and Chronic Fatigue Syndrome are just a few of the "new plagues" which in his opinion are directly linked to our polluted environment. Becker leaves the reader with a risk/benefit analysis and gives practical tips how to improve the immediate electromagnetic environment. A very informative and necessary book for all who are concerned about their long-term health.

Bischof, Marco: *Tachyonen, Orgonenergie, Skalarwellen – Feinstoffliche Felder zwischen Mythos und Wissenschaft. (English translation: Tachyons, Orgon Energy, Scalar Waves – subtle energy fields between myth and science)* AT Verlag, Aarau, Switzerland. 2002. ISBN: 3-85502-786-2

Marco Bischof is a known historian, author, presenter and consultant for frontier science and the paranormal in Germany. After writing a very successful book on *Biophotons- the Light in our Cells*, he now ventures into the realm of quantum physics and its otherworldly discoveries and explanations about the Zero-Point Field, Scalar Waves, Tachyons and Orgon Energy. Bischof divides his book into three parts. The first 140 pages are dedicated to the history and the use of subtle energy fields throughout the millennia. Part 2 discusses the ether, it's death through Einstein's relativity theory and its rebirth with current zero-point field theory. Current scalar field theories from Bearden, Laszlo, Meyl and Tiller are discussed. Part 3 is a summary of current use of subtle energy fields and an overview of currently available technologies from Tesla, Rife, Priore, Flanagan, Mohorns and Wagner, which produce artificial subtle energy fields.

Bischof's book is a wonderful account of the history of subtle energy throughout the world, written for the understanding of the lay person. The bibliography is an invaluable tool for anybody researching the realm of zero-point, tachyon and scalar and includes references from Europe, USA, Russia and Asia alike. Too bad the book does not exist in English, yet.

Lakhovsky, George: *Secret of Life*. William Heinemann, London. 1939. ISBN: 0-7661-4197-7

Lakhovsky, a Russian-born engineer who became French citizen, wrote *Secret of Life* more than 10 years before the English translation was published in 1939. His book describes his theory of the origin of Life, which is the base for his invention of the Multi Wave Oscillator, a frequency generating device that was amply used for cancer treatments in the beginning of the 20th century. Lakhovsky's theory is based on the postulates that 'life is created and maintained by radiation from cosmic rays and it is destroyed by an oscillatory disequilibrium. Lakhovsky equates illness to the off-tune vibration of the cells, caused by diminished or overactive cosmic ray activity that allowed other frequencies to manipulate the signature oscillation of the healthy cells. He equates the cell with an oscillating circuit and discusses the influence of sun-spots, moon circle and soil composition on the effect of our ability to oscillate in accordance to the rays. The appendix offers a description of the Multi Wave

Oscillator and gives photographic evidence of case studies with improvement of skin cancer. A wonderfully simple and straight forward presentation of a theory of life which is as current and intriguing now than it was 80 years ago.

Laszlo, Ervin: *Science and the Akashic Field. An Integral Theory of Everything*. Inner Traditions. 2004. ISBN: 1-59477-042-5

Ervin Laszlo is a well known name in philosophy and science. He has written 74 books and over 400 papers, holds 4 honorary Ph.D.'s and was nominated for the Noble Peace Prize in 2004. In his latest book, he is summarizing his accumulated wisdom in the attempt to present the famous TOE, the Theory of Everything. Laszlo ventures into quantum physics, cosmology, the biological sciences and the studies on consciousness to culminate with the theory's crucial feature: The Akashic field as the underlying dimension of all existence. Laszlo describes this field as an interconnection, information conserving and information-conveying cosmic field. It is a field out of which matter is created when "torsion waves" are linked to it and which holds our experience when our physical body dies. Laszlo adds a new twist to the current reincarnational theories by claiming that it is not our soul that is immortal, it is our experience. Not a viewpoint that I necessarily share, but a very interesting interpretation of our multidimensional nature.

Meyl, Konstantin: *Scalar Waves*. INDEL GmbH., Germany. 2003 1st English Edition. ISBN: 3-9802542-4-0. www.meyl.eu

Konstantin Meyl, Ph.D., teaches electromagnetic environmental compatibility at the University Fuertwangen, Germany. His three books which accompany his lecture and a seminar were first published in 1996 and translated into English in 2003 under the title *Scalar Waves*. Pointing out the omission of one half of Maxwell's equation, Meyl develops an extended field theory which centers on potential vortexes and their propagation as scalar waves. Meyl formulates a unified field theory based on his vortex theory and questions various postulates of Einstein, as e.g. the constant of the speed of light. Meyl's book is highly technical, full of mathematical equations and at times difficult to understand for the layperson. Nevertheless, its 654 pages are an essential read for anybody investigating the properties and potentials of Tesla's longitudinal, electric and magnetic scalar waves. A prior introduction into electro engineering and quantum physics is recommended, though, and even then it needs various rounds of reading if one really wanted to grasp the scoop of Meyl's intriguing TOE, his theory of everything.

Wagner, David & Cousens, Gabriel: *Tachyon Energy – A New Paradigm in Holistic Healing*. North Atlantic Books. 1999. ISBN: 1-55643-310-7

According to Physics, Tachyons are particles moving faster than speed of light. This speed puts them outside of our experienced space-time continuum and into the realm of the Zero Point Field, a field also known as the Ether or the Vacuum. Wagner and Cousens propose their theory of tachyons as being the connecting particles between the physical reality and the dimension of the limitless, primordial cosmic energy, the source for holistic healing. Through

various example of Kirlian photography, they demonstrate the biological effect of tachyonized material and add the account of various research studies to underline their claim. Wagner and Cousens mix physics with kundalini and chakra-orientation with technological tachyon devices into a short, understandable overview of their interpretation of the source and the workings of holistic healing. 15 pages of testimonials from their practice as holistic practitioner and Essene teacher complete their teachings, which can be characterized as a popular shortcut summary of the most profound and impacting theory of healing today. It reads like a wondrously simple solution to all ailment on earth and thus is the perfect marketing tool for “Advanced Tachyon Technology”, the company that Wagner oversees as CEO and that sell his tachyon devices.