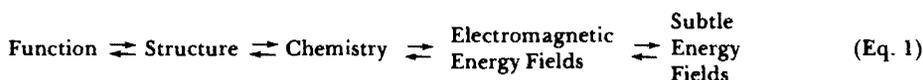


TOWARDS A SCIENTIFIC RATIONALE OF HOMEOPATHY

William A. Tiller, PhD

INTRODUCTION

A dynamic equation between different levels of nature for a biological system is the following¹



This equation states that the function of an organism is thought to be related to its structure, and integrity of the structure is sustained and maintained in its condition of homeostasis via a plethora of different chemical systems. These chemical reservoirs are, in turn, sustained by an array of electromagnetic energy fields, and these, in their turn, are underlain and sustained by an array of subtle energy fields. The condition of overall homeostasis and balance for the system requires a close approach to equilibrium between all adjacent members in the reaction chain.

Up to the early part of this century, experts in medicine, biology and agriculture thought that only the first three terms of Eq. 1 were operational and important. In this century we have deeply penetrated the chemical system of living organisms and are just now beginning to awaken to the importance of the electromagnetic energy term in the reaction chain. Of course, homeopathy must go much further than this because we already know that there are marked influences of mind forces on the homeostasis and function of the human body. One has only to look at the present biofeedback studies or the studies of Aikido, Yen or Yoga, to recognize the role of mental processes on the reaction chain. Further, if one looks at the data gathered in psychoenergetic experiments,²⁻⁷ one begins to become aware of the real possibility that a major energy construct exists in the reaction chain between

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mental energies and electromagnetic energies. Because of our lack of understanding of those energies in Eq. 1 to the right of "Electromagnetic energy fields," let us give them the appellation "subtle energies."

If we looked at allopathic medicine in the light of Eq. 1, we would deduce that it deals primarily with the direct chemistry term at the physical level of consciousness and, in some measure, with electromagnetic energy fields. Homeopathy, on the other hand, does not deal with these terms but deals with an *inverse* chemistry which depends primarily on magnetoelectric energy.⁸ These terms are quantities that will be discussed in detail later.

In terms of historical perspective, we need to begin considering magnetic energies as distinct from electric energies. For this we need to recall the days of Faraday and von Reichenback, i.e., around the 1840's-1850's. Faraday was one of the central experimental figures categorizing the various magnetic and electric reactions and interactions and he placed them on a very firm and objective base; i.e., the human intervention or influence on that class of phenomena was insignificant and the results were not perturbable by human energy fields. At the same time, Baron von Reichenback was also looking at magnetic phenomena but he was using sensitive human subjects and sensitive circumstances in order to reveal and elucidate a class of phenomena that he thought was part of electromagnetism.⁹ Perhaps it should be thought of that way but, at the time, Faraday could not support that position. A great professional conflict developed between the two men and Faraday emerged the victor. Thus, that category of subtle energies, with the magnetic interaction aspect, tended to get pushed aside and excluded from the foundations of modern-day electromagnetism which began with Maxwell's invention of his famous equations in the late 1800's.

In terms of the psychic-phenomena area, professional psychics have talked repeatedly about magnetism for the last 200 years as a major source governing and determining this class of phenomena. They have not referred to electricity as the source. However, based upon known magnetic effects, it was not possible for scientists to discover an explanation. Experimentally, on the other hand, it is observed that if you place psychic subjects in a Faraday cage, they work even better, whereas, if you place them in a magnetically shielded room, they generally do not function well at all. Thus, there does appear to be some differentiation appearing in this area between the influence of electric and magnetic forces on human function.

If one looks at the work in the dowsing area,¹⁰ one finds that the dowers are incredibly sensitive to electromagnetism, particularly to magnetic fields and at levels $\sim 10^{-12}$ times the strength of the earth's field. Amazingly small perturbations in the local magnetic field appear to trigger signals, which seem to be generated in their adrenal glands. From electromagnetic wave studies with dowers, Harvalik¹¹ has shown them to be sensitive to the magnetic wave vectors of the EM wave especially when these magnetic waves are horizontally polarized.

To see where magnetism enters from another quarter, let us recall that Nature generally displays properties of symmetry—i.e., we have positive and negative electricity springing from electric monopoles (electric charge). One would expect magnetism to spring from the presence of magnetic monopoles but no evidence has been found for these charges. The magnetism we presently understand is generated by the motion of electric charges. Scientists have looked ceaselessly for the presence of magnetic monopoles but no evidence has been found for their existence. Where might they be found? An idea for locating them will be presented later.

From experiments on the enzyme trypsin in water by Sister Justa-Smith,¹² we note that enzymatic activity is enhanced in strong magnetic fields and by the action of a healer's hands,¹² with healer effect being equivalent to that of a 20-KGauss magnet (see Fig. 1). Other experiments on water¹³ reveal that both magnet-treated water and healer-treated water exhibit a surface tension reduced by about 20% (see Fig. 2) and hydrogen bonding reduced by several percent. Using infrared spectroscopy, the amplitude of the primary stretch mode of the H₂O molecule is observed to be reduced at 3.2 microns and a new mode begins to appear at about 2.8 microns (see Fig. 3). The best result observed to date was a sample of water (8% hydrogen bond reduction) that had been placed in a jar on the floor in the center of a circle of about 10-foot diameter consisting of a seated prayer group who intended to project healing qualities into the water.¹⁴

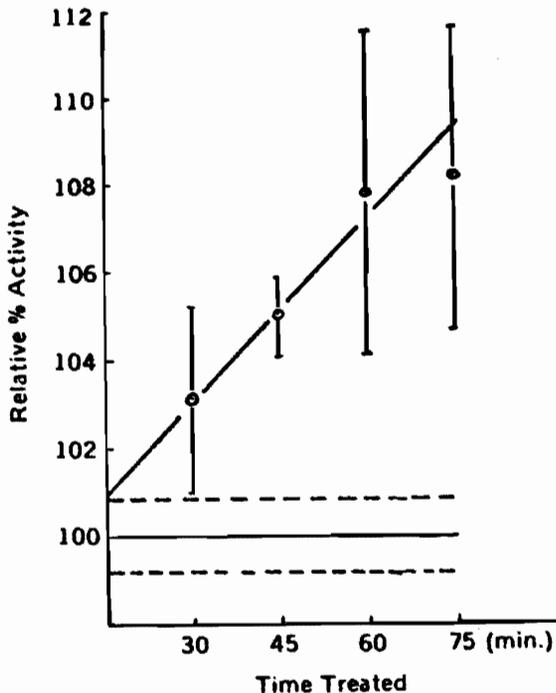


FIGURE 1: An average of 8 sets of experiments in which native trypsin solutions were exposed to UV irradiation which decreased the activity by 20-35% prior to treatment. The broken line shows the size of the mean standard deviation of the control.

If we look at the physical substance making up our bodies, we note that it is not magnetic. We may contain a very small amount of magnetotaxic substances in our bodies but this would give rise to a trivial net magnetic property. Likewise, the magnetic fields generated in the body by the circulating charge in the body's fluid circuits is also trivial compared to the magnetic field strengths needed to produce the above-mentioned water effects. And yet we find these phenomena occurring around some of us and they have a definite magnetic appearance—from what appears to be, at the physical level, essentially non-magnetic beings.

One other piece of correlative data is that, if you take a magnet and place it close to an acupuncture point, local analgesia will be produced (for sufficient magnetic field strength). Likewise if one lays a subject with a kidney problem flat on a table face up and addresses the alarm point of the kidney meridian with a magnet, one finds that one leg will elongate relative to the other. If there is no kidney problem, then the same procedure leads to no elongation of the leg. Thus, we see that a magnetic effect can be transferred to the physiological response level.

MODELING THE PHENOMENA

Considering all of the foregoing, how can it begin to make sense for us? For the last two decades, I have been trying to develop a model of the universe which allows such phenomena to coexist with conventional physical

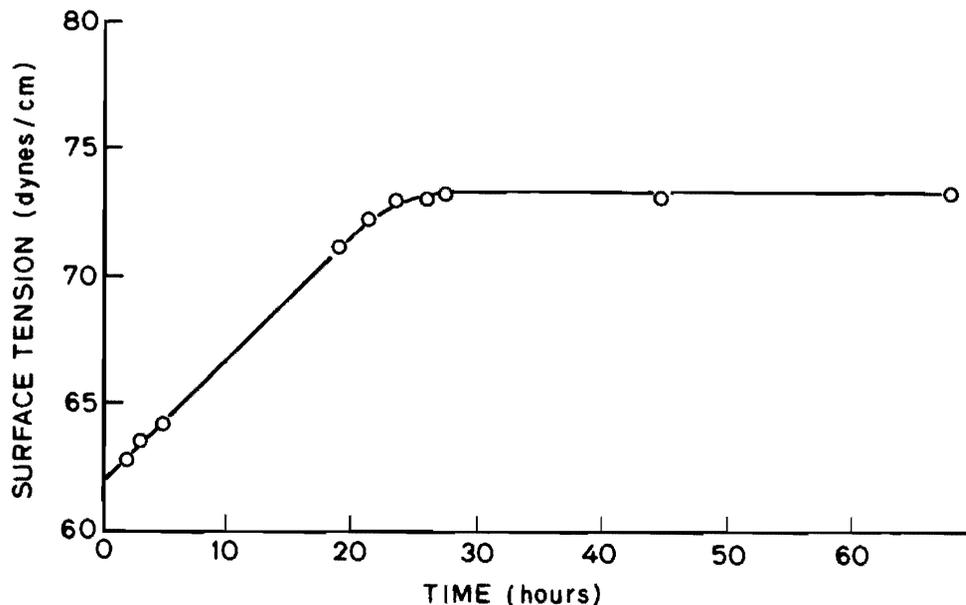


FIGURE 2: Energy transfer from magnet treated water exhibited by the relaxation of the surface tension of water back to its normal value as a function of post-treatment time.

phenomena. I have come to think of the universe as being multidimensional^{15,16,23} far beyond our simple "four-space" that we perceive with our present level of consciousness (3 distance coordinates plus 1 time coordinate). I am proposing that our four-space (the Einstein universe) is imbedded in a fifth which is imbedded in a sixth and that, in turn, is imbedded in a seventh. The phenomena of our present interest must deal with some of these higher spaces.

At the simplest level of the modeling, I propose that there are two interpenetrating four spaces,⁸ one which is called positive space-time, where physical substance operates and one which is called negative space-time, where etheric substance operates. Etheric substance is thought to be the "stuff" of homeopathy. This is imagined to develop in the following fashion. Out of the ground of these two four-spaces — i.e., five-space — a fluctuation occurs to produce two polar opposites whose total energy is zero. One is electrical in nature, and travels slower than the velocity of light, exhibits positive mass and positive energy and emits, via its movement, electromagnetic (EM) energy. It combines with like species to form atoms, molecules, substances, tissues, organs, people and worlds, etc. Because of its positive energy it curves

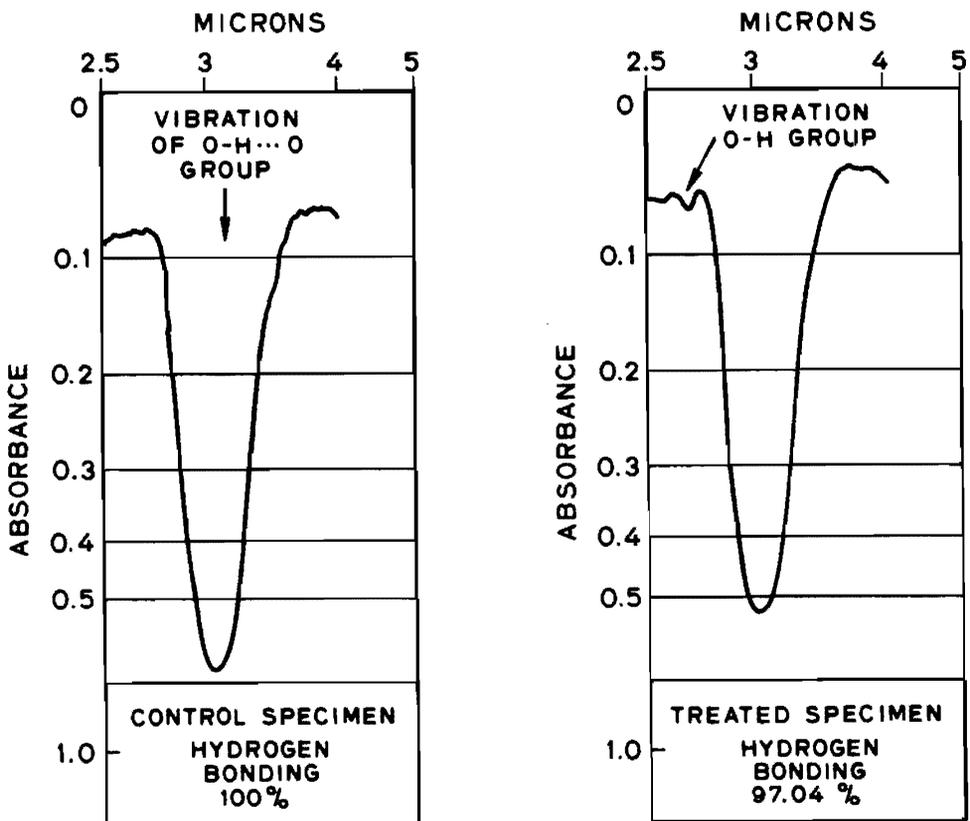


FIGURE 3: Infrared absorbance, via infrared internal-reflection spectroscopy, of normal distilled water and of distilled water that was energized by the healer, Olga Worrall.

space, which in my modeling is a six-dimensional lattice,^{15,23} in such a way as to generate gravitational forces. In my model, the other aspect of the fluctuation is a magnetic particle (the magnetic monopole) which travels faster than the velocity of light, has negative mass and thus negative energy, emits magnetoelectric (ME) energy on movement and curves space in the opposite direction, which produces levitational forces. Likewise, these species combine to form atoms, molecules, substances, tissues, organs, people and worlds, etc. A type of mirror image relationship exists between these two domains and these two classes of substances.

These two four-spaces interpenetrate each other but the two classes of substance cannot interact directly because one goes faster than EM light while the other goes slower. Because of the energy singularity existing at the velocity of light, c , no resonances can be directly developed between these different substances. However, I think that we observe some small degree of interaction occurring between these two worlds and, to allow this possibility, I postulated the existence of a fifth-dimensional energy called "deltron" that does not suffer the singularity of the light barrier at $v = c$ so that it can interact with both ME and EM substances and transfer energy between them as an intermediate linkage. It is thought to act as a kind of fluid "clutch" to couple the two worlds. The more deltrons available in a particular environment, the greater is the coupling between the negative space time via etheric substance and the positive space time via physical substance. Healers are thought to enhance the local density of deltrons which increases the local coupling of the physical medium to its etheric source.

Turning to the imbedding-frame aspects of the model, I have postulated that space is actually a six-dimensional lattice¹⁵; i.e., a regular periodic array of active points along six uniquely defined coordinate axes. The closest physical analogue for us is the three-dimensional lattice of the various crystalline forms found in nature. Here, physical atoms are the active points regularly spaced along the coordinate axes. At our present level of evaluation, we are unable to perceive the additional coordinate dimensions of the six-space. The grid spacing at the highest dimensional level—i.e., at the mind level—is about 10^{-25} cm. In my model, mind is imbedded in Spirit. To me, we are all primarily elements of Spirit and we contain a mechanism of perception which is the Mind. The Mind is a six-dimensional lattice and imbedded in the Mind are the positive and negative space-time frames. The Mind is the tool for creating our experimental frame. The Mind creates our world, it creates all the stuff in our world; it creates all the potentials in our world and it creates all the primary actions in our world.

I now want to suggest how the primary events at the Mind level move to become secondary events at the negative space-time or etheric level and then move to become events perceivable in our physical consciousness state. Before I do, let me make a brief diversion to indicate that I think we are hardly awake yet in the universe; i.e., we are still babies in diapers relative to our un-

derstanding of what is! However, we are a little bit awake! Further, my scientific colleagues do not necessarily agree with my present modeling of the universe, so it shouldn't be given undue status just because I am a scientist and professor at a highly respected institution. I do not mind the disagreement; I wish only to have a way of moving forward slowly and carefully, to lay down a good foundation for future work either in this century or the next one.

The space lattice suggestion is a key concept because, if one has waves travelling in a lattice then they diffract from the planes of the direct lattice and give rise to diffraction patterns, the beams of which go through the nodal points of a reciprocal lattice for this direct lattice. In my modeling, I think of space as being a hexagonal close-packed (HCP) lattice so that the nodal points of this lattice are arrayed in a close-packed hexagonal configuration in a plane. The reciprocal lattice of this primary Mind lattice (size scale of $\sim 10^{-25}$ cm) is rotated by 90° and these lattice points are also specific points of the primary direct lattice with a spacing of $\sim 10^{-15}$ cm; i.e., a spacing ten orders of magnitude larger. This lattice is the negative space-time frame lattice. In turn, the reciprocal lattice for waves diffracting from the HCP negative space-time frame lattice is again rotated by 90° and these lattice points are also specific points of this lattice but with a spacing $\sim 10^{-5}$ cm. This lattice is the positive space-time lattice and it is also an HCP lattice. Thus, at the physical level, the lattice of space is hexagonal close packed with a grid size of $\sim 10^{-5}$ cm.

The above means that, if waves or patterns of information at the Mind level of the universe have sufficient intensity, their diffraction information pattern will go through the nodal points of the reciprocal lattice and become waves functioning in the negative space-time frame lattice. This gives one step of information transfer. This negative space-time information gets subsequently transferred via diffraction to the nodal points of its reciprocal lattice and, if the intensity of the diffracted beams is sufficient, it becomes an information pattern travelling as waves in the positive space-time frame (physical level). The patterns of information primarily reside on the grid points of the lattice, and substance interacts with these grid points to cause the events that occur in our bodies and the events that we perceive occurring around us in our daily life.

FRAGMENTS OF PROOF

To support the proposed model, one would like to see some proof concerning (1) the lattice aspect of space, (2) the faster-than-light phenomenon, (3) the magnetic character of substance, (4) the inverse space character of the different frames and (5) the levitational aspect of the substance. Some fragments of data exist in partial support of items (1), (2) and (4). Support for item (3) may perhaps be found from data discussed in the introduction. These

fragments of proof came from a series of experiments which were conducted over a period of 4 years by Dr. James Carlton and myself, using children as sensors for subtle energies.¹⁷

Visualize a "Punch and Judy" type box containing two large flat vertical electrodes separated by $\sim 10"$. The box is painted white on the inside walls and a soft diffuse light shines down into the air gap (see Fig. 4). The children sit about 6-10 feet in front of the box and observe the air in the air gap between the electrodes. We apply an increasing voltage to the plates and we soon reach a voltage where the children suddenly begin to see patterns in the air gap. These patterns are perceived as being colored and of straight-line geometrical shapes (stripes, triangles, squares, etc.). As the voltage is increased, another level is reached where suddenly a different pattern appears and, at a higher voltage, a further pattern, etc., as the voltage is increased from 0 to $\sim 15,000$ volts (see Fig. 5). On any one day, the same patterns are drawn by the same children at the same voltage in the morning, afternoon and evening.

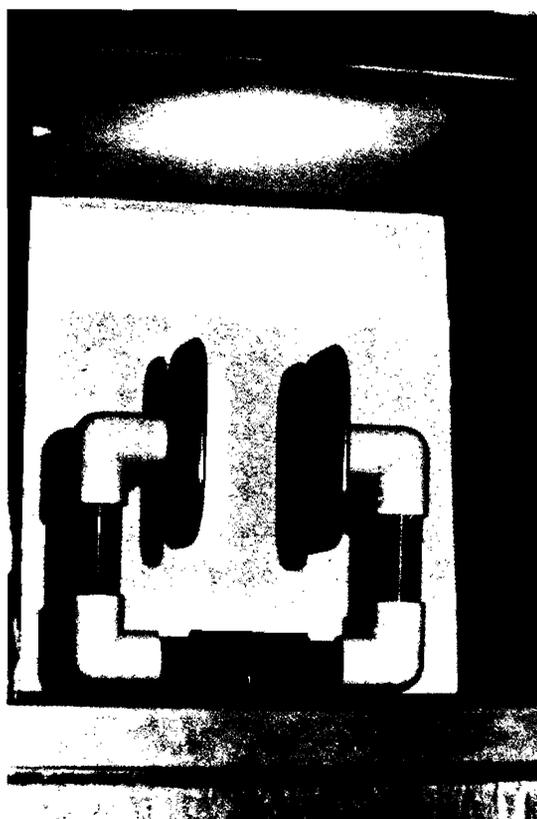


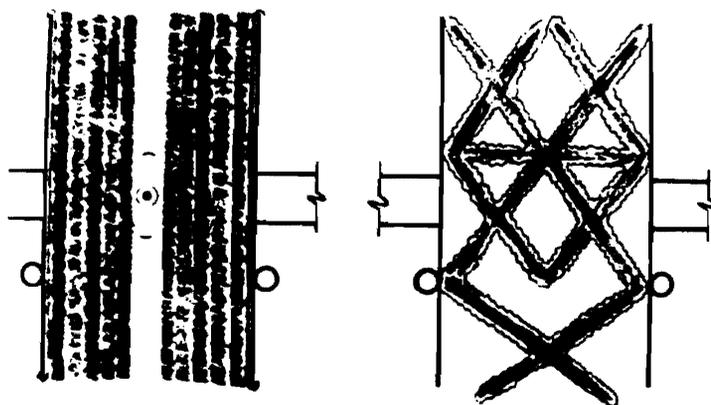
FIGURE 4: Interior air space of the "Punch and Judy" type viewing box containing electrodes wherein the subject sees the auric manifestations.

However, on a different day at the same voltage, the same child may draw a different pattern. Likewise, on the same day, a different child generally draws a different pattern. Further, on any day if we change the frequency of the light shining down into the air gap through the visible range, for any one child at fixed plate voltage there are bands of frequencies where the patterns can be seen and bands of frequencies where they cannot be seen. The band edges between pattern/no pattern perception is different for the different children. Using magnetic pole pieces instead of electric plates, the perceived patterns consist primarily of curved lines instead of straight lines. Most adults cannot perceive any of these patterns whereas all young children seem to be able to do so with about an hour's training. Thus, we see in this phenomenon something clearly objective and something clearly subjective—i.e., something which comes from the outside of the individual and something which comes from the mental state of the individual. We also observe that, the more creative the child is in normal play, the more patterns that child will perceive in a given voltage excursion.

From this experimental data and the foregoing theoretical modeling, two unique predictions were made concerning experiments to test the theory. If the children are perceiving the ME and/or deltron energy, then this energy should speed up as it passes through condensed matter like a lens or a prism. This led to the design of a telescope magnification experiment and an index of refraction experiment.

(1) The Telescope Experiment

If we look with our physical eyesight using the unaided eye at a distant object, we perceive it to have a certain size. If we then look at the object with a



VIEWS AT 15,000 & 16,500 V.

FIGURE 5: Drawings of the auric manifestations seen by one subject at voltage of 15,000 V and 16,500 V between the plates in the viewing box.

simple telescope (one converging and one diverging lens), then we perceive it to be magnified in size and to be inverted in orientation. That is our common experience with EM light. If the light being utilized in the experiment is ME light, then the effect will be as if the telescope were turned around and the children are expected to see a demagnified and an erect image.¹¹ If deltrons are also involved, then one could perceive a range of magnified images but less than that expected for EM light. This experiment was tried with a number of children and they all observed predominately demagnified images of the expected orientation with demagnification ratios ranging up to 20. As illustrated for one subject in Table I, a small range of image magnification also occurred. Thus, we may conclude that both ME energy and deltron energy was involved in this novel perception and that it was necessary for radiation to travel at $v > c$ in the lenses to produce this result.

(2) The Prism Experiment

This experiment was the simple freshman physics experiment to measure the index of refraction of a prism with slight modifications. EM light entering the prism slows down and gives the Newton spectrum of refracted colors (red through violet). We would expect ME light to speed up on entering the prism and to give rise to a reverse order of refracted colors. If deltrons were also involved, then some measure of light refraction would occur in the bent-down

TABLE I

EXPERIMENTAL DEMAGNIFICATION RATIO DATA SHOWING THE VARIABILITY OF THE TELESCOPE EFFECT FOR ONE SUBJECT (LEN)

1. 0.66:1	21. 1.51:1
2. 0.79:1	22. 1.53:1
3. 0.81:1	23. 1.53:1
4. 0.85:1	24. 1.70:1
5. 0.94:1	25. 1.71:1
6. 0.94:1	26. 1.72:1
7. 0.98:1	27. 1.86:1
8. 1.05:1	28. 1.91:1
9. 1.07:1	29. 1.92:1
10. 1.11:1	30. 2.00:1
11. 1.12:1	31. 2.05:1
12. 1.15:1	32. 2.14:1
13. 1.18:1	33. 2.19:1
14. 1.19:1	34. 2.20:1
15. 1.21:1	35. 2.42:1
16. 1.26:1	36. 2.90:1
17. 1.26:1	37. 4.00:1
18. 1.28:1	38. 5.58:1
19. 1.31:1	39. 7.92:1
20. 1.34:1	40. 14.03:1

region (see Fig. 6). The experiment was carried out with about a dozen children and they did see not only the Newton EM spectrum but also the ME spectrums plus some light effect representative of the deltron influence. When we first looked at the color order of the ME spectrum, they did not seem to be in the expected relationship. Then we had our best subject look closely at the color order and he found that there was not just one refraction spectrum but there were three orders of diffraction superimposed. Within each band or order of diffraction, the colors were spread out in the expected sequence. However, the first band was wide, the second was narrower and the third was very narrow, while the intensity increased from the first to the third (see Fig. 7). This is just the opposite of what one expects for a diffraction pattern at the physical level but it is exactly what one expects for the etheric level if a mirror principle operates between the physical and the etheric as proposed by the theoretical model.

These results appear to provide support for the existence of a faster-than-light radiation (ME) and for the existence of something analogous to deltrons. They also provide support for the Mirror Principle postulate as well as the Space Lattice postulate.

An additional piece of supportive data for this theoretical model comes from the Remote Viewing experiments of Puthoff and Targ.⁵ Here, one finds that an individual can be given a set of coordinates for a specific location on the earth and the individual can look inwards and begin to describe the physical scene at that particular external coordinate location. With training, this skill can be developed to an accuracy exceeding 90%.¹⁸ To understand how this phenomenon might be explained in terms of the present model, we need to note that the spatial relationship between the direct and reciprocal lattice is one of direct distance and inverse distance. Thus, the information content at the nodal points of the positive space-time lattice external to our brains is also represented at the nodal points of the negative

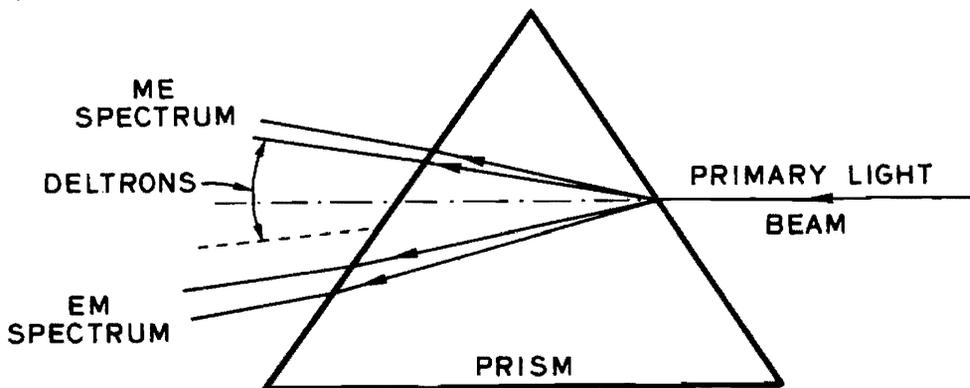


FIGURE 6: Schematic illustration of refraction for both the electromagnetic energy component (bent down) and the magnetoelectric energy component (bent up) of the primary light beam. The regime of deltron-aided visual effects is also delineated.

space-time grid internal to our brains. By focussing on this brain network at the negative space-time level, remote perception at the positive space-time level seems to be possible.

BODY RADIATIONS AND THE PHYSICAL AURA

Any discussion that we wish to make concerning the physical level of substance and radiation emission has its analogues at the more subtle levels of substance, so let us now focus on how the human body communicates its internal organ condition via a spectral distribution of EM radiations. Within each atom of the physical body, as the electrons move around they develop instantaneous electric dipole moments, and moving electric dipoles always result in the emission of EM waves. Combining the atoms into molecules leads to other and slower electric dipole movement (translational, rotational and vibrational) so EM waves of lower frequency are emitted. Combining the molecules into cells leads to more macroscopic modes of movement and thus still-lower-frequency EM wave emission. Combining the cells into membranes and the membranes into organs leads to the emission of still-lower-frequency EM waves. Thus, the body at the physical level is emitting a whole spectrum of

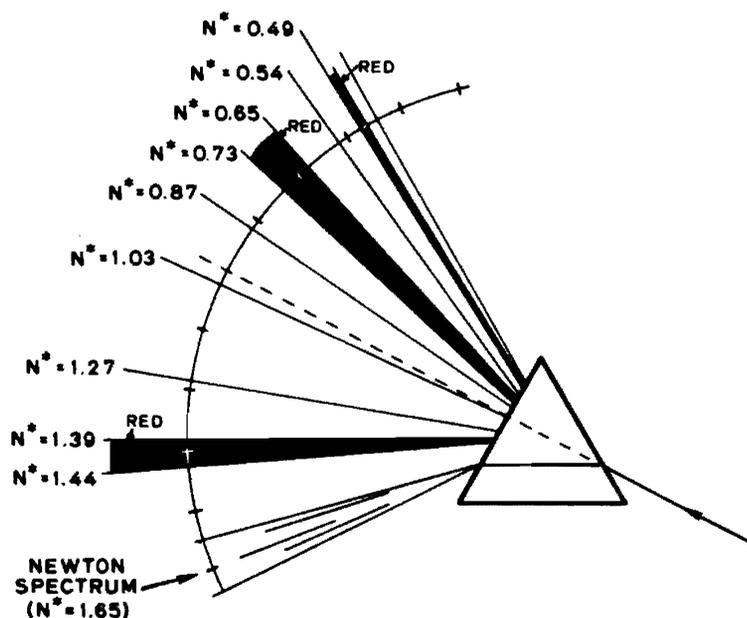


FIGURE 7: The spectral order and dispersion of deltron-mediated superluminal radiation seen by one subject. In each spectrum the observed colors, reading clockwise, are red, yellow, green, blue and violet.

EM radiations from the electronic levels in the atom, which emit in the ultraviolet range, through the molecular movement modes, which emit in the infrared, to the cell, membrane, organ, valves opening and closing in organs, etc., which emit in the microwave and lower-frequency ranges (radiowaves and lower).

From this, one can think of an EM wave set being emitted from the body, and that wave set contains information concerning the functioning of all the organs of the body. It is there, coded and modulating the high-frequency waves (microwaves) and it can be tapped with the appropriate antenna system. In the past, infrared scanning cameras have been used for this purpose and, more recently, people have begun to detect ultraviolet emission from the body and a major effort is being expended to tap the microwave band and strip off all the modulating information. If there is nothing in the environment of appropriate resonant frequency spectrum to absorb these radiations, then they will travel large distances and can be detected at 10-100 feet from the person. From all of this, we must begin to look at the body as an antenna being fed by multiple oscillators over a wide band of frequencies.

In addition to the foregoing, the body seems to have a much more sophisticated radiation system for both projection outwards and for reception inwards. This is the acupuncture point/meridian system network of the body. If this network utilizes the autonomic nervous system, then there exists in the body ~ 600,000 miles of "wire" to make an absolutely exquisite antenna. Such a large antenna is potentially capable of truly amazing information handling capacity—i.e., for reception, discrimination, processing and transmission. I have come to think of the acupuncture points as the active points of a multi-element antenna array system.^{1,19} This would be a phased-array, with the acupuncture points being either the radiant sources, (transmission) or the radiant sinks (reception) of the array system; i.e., specific energy beams can be propagated outwards and such beams can be received as well.

At this point a brief digression should be made to underline the fact that the field of homeopathy is not an objective science and it never will be at the four-space level of description. It is a subjective science; here, we are dealing with an energy level that is influenced by the mind of patient and physician. This influence, in part, acts on the body via changes it creates at the acupuncture points. Information gained from Soviet psychoenergetic studies⁷ shows that the people that can perform psychokinesis (moving objects with their minds) can mentally alter the electrical conductance and the electrical potential of their acupuncture points by orders of magnitude.

If we do think of this human antenna system as being closely analogous to a conventional antenna system, then, once the radiation pattern properties are known, it is necessary only to define the element impedance to completely specify the electrical performance of the antenna. The impedance (admittance) of a radiating element has a mathematically real part, the resistance (conductance), and a mathematically imaginary part, the reactance

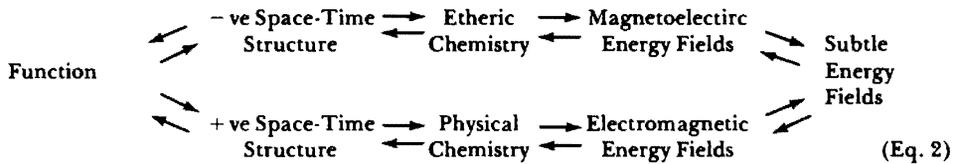
(susceptance). The real part is related to the electrical power radiated from the antenna in travelling modes while the imaginary part is a measure of the energy stored in higher-mode fields in the immediate vicinity of the antenna. Both factors influence the mismatch between the antenna and its power source, and so affect the antenna efficiency. The element impedance is observed to change if the antenna environment is changed. As this impedance changes, the electrical currents on the element may become redistributed and alter the radiation pattern. If the impedance varies rapidly with frequency, it is difficult to match it to a resonant condition over a broad frequency band so that more energy will be stored in local modes and the impedance will generally become more sensitive to environmental variations.

From this close analogy between the body antenna system, with the acupuncture points as the antenna elements, and the kind dealt with in electrical engineering, we deduce that the human physical aura is due to the mathematically imaginary part of the EM power stored in higher-mode fields in the immediate vicinity of the body. Because more subtle radiations will also be emitted by the more subtle levels of substance in the body, just as EM radiations are emitted by physical substance, we may expect each to give rise to a local higher-mode field of its own which will be recognized as the aura envelope around the body for that particular subtle energy. The mathematically real part of the antenna radiation leads to propagating modes for either transmission or reception. We may also note from the analogy that, placing a polarizable substance in the near field of the human antenna system will alter the impedance of the acupuncture points and the efficiency of the antenna system.

Much work needs to be done relative to the study of the acupuncture point/meridian system as an antenna system. Thus, those homeopathic physicians using the Voll electrodermal²⁰ instrument for monitoring the acupuncture points who notice a change in the skin conductance of a point when particular beneficial homeopathic remedies are placed in the near field of the body's radiation pattern (aura), are gathering much needed information concerning this phenomenon. This is a very beneficial direction for future studies.

SPECIFIC APPLICATION TO HOMEOPATHY; LAW OF SIMILARS AND POTENTIZING

As I see it, body harmony comes from balance between the physical and the etheric levels of energy and substance. The physical level is the lowest energetic level of the system and, in my model, it is almost a shadow level of the etheric. This balance requires a certain chemistry at the physical level plus a corresponding etheric counterpart. Because of this, the dynamic equation of Nature given in Eq. 1 must be altered to the following form:



This is the situation needed to describe the functioning humans. Allopathic medicine follows one four-space path (the lower path in Eq. 2), while homeopathic medicine follows the other four-space path (the upper path in Eq. 2). Thus, for a four-space remedy, the etheric part is the neutralizing part of the physical remedy. If one is localized, the other is dispersed because there is a diffraction pattern relationship between the two frames wherein they function. This means that, when one potentizes a solution homeopathically, the etheric counterpart of the remedy is produced in the solution (water) via the Mirror Principle from the Mind level of action.^{21,22} This etheric counterpart is the neutralizing part for the physical.

Basically, with the Law of Similars, one finds that physical ingredient which produces the same set of behavior patterns in a human as the malady and that substance is potentized to become the remedy. We see that the human has this distortion from normality and the homeopathic remedy provides the etheric counterpart for that chemical agent leading to the same set of conditions, which then leads to neutralization and thus balance. The distorted behavior or function conditions are then neutralized and they disappear so the system returns to its normal equilibrium state (normal homeostatic state).

The way in which the foregoing comes about based upon the theoretical model requires a mechanism for the magnetic level of substance to bleed through the barrier between the two four-spaces and interact with electric substance. The magnetic potential from the negative space-time Maxwell equations becomes the magnetic vector potential, \vec{A} , for the positive space-time Maxwell equations through the agency of the deltron coupling medium. The local time variation of the magnetic vector potential, \vec{A} , gives rise to a change in the local electrostatic field, $\Delta \vec{E}$, such that

$$\Delta \vec{E} = -\dot{\vec{A}} \quad (\text{Eq. 3})$$

The spatial pattern of this electrostatic field is the energy representative in the positive space-time frame from the magnetic field of the etheric counterpart in the negative space-time frame. This electrical field causes the surrounding water molecules to polarize into this $\Delta \vec{E}$ field pattern so that the pattern is

transferred to the unique alignment of H₂O dipoles. If one tried to do an external experiment on a body of homeopathic remedy, no net electric dipole moment will be discovered. However, if one does the proper scattering experiment then the effect should be discovered. One should find that the water

molecules no longer have their normal radial distribution function but that it is altered in specific ways depending upon the type of remedy and degree of potency. The difficulty that one would face in such an experiment is the possibility of destroying the H₂O molecule orientation by the radiation damage caused by the detecting waves. The H₂O polarization, then, becomes the manifestation, at the physical level of reality, of the homeopathic remedy and it has its effect on the chemical agent in the system which was giving rise to the condition.

In most of allopathic medicine, one often thinks of a kind of "lock and key" approach as the functioning modality for chemical reactions. One may also think of them as acting on the electrical properties of colloidal particles in the system and influencing their state of dispersion. In the body's fluidic systems, a very high proportion of solids exist so that the coagulation or arrangements of these solids can lead to pathology or health depending upon the correct state of balance needed for the system. What is being said here is that the homeopathic medicine is an energy medicine because its effect on the physical level is via an energy bleed-through from the negative space-time domain. It puts the water molecules into a kind of template-like configuration—i.e., a shell surrounding these energy fields that are like a negative or anti-etheric molecule, and the effect is transferred to the water sheath. Effects can occur which neutralize colloidal substances, dispersion reactions should change and a variety of chemical reactions can change because the water molecules are locked into that pattern. This is my explanation for how the Law of Similars works; i.e., it comes about because of the Mirror Principle between these two space-time frames and because of the Maxwell equation characteristics between these frames mediated by the presence of deltrons.

Turning now to the mechanism of potentization, there are at least two procedures that are operational. One method follows the standard succussion technique laid down by Hahnemann and others many years ago using well-defined protocols. I propose that, by their repeated actions with this technique as a manifestation of their mental intention, they created an operating archetypal pattern at the Mind frame level of universe. They created the "computer code" for this type of process and that code is still there and still operational. When one addresses that program in the proper way, the system operates as the code dictates the universal computer should operate. The second mode, which reveals even more strongly the mental aspect involved, is the Malcolm Rae Potentiser.²² In this case, one works out the code for a substance which is written on a card in a unique geometrical arrangement of radial line segments from a center. The card is put into a device containing a well for the sample of water and the device is simply switched on. This system is set up as a different kind of code but seemingly an equally effective code wherein no succussion is involved. Certainly, in terms of the effect on the acupuncture point skin conductance as measured using the Voll instrument, it

appears that one cannot differentiate much between these two techniques of homeopathic potentization. One method appears to be equivalent to the other at this point in time and careful experiments are needed to reveal the unique differences between the two. Thus, as I see it, the mechanism of potentizing involves the mental activation of the universe to trigger the codes laid down by our great forefathers. The more quality and intention that we put into the use of those codes, the stronger, the more vital and the more active they will be. The less quality we input, the more we degrade them with doubt, the less effective they will be.

The decline of homeopathy at the end of the last century occurred in large part because so much new and solid scientific information was being developed to support the allopathic reaction chain illustrated in Eq. 2. This degraded both attention and confidence in the homeopathic reaction chain of Eq. 2. Now we are at a location in time where a body of information is beginning to bear on the scientific structure of homeopathy and we are close to the time when we can begin to do the necessary experiments for consolidation of the new physics and chemistry supporting this other path—which eventually leads to the medicine of this other path.

In closing this paper, it is important to emphasize the difficulty that we have with respect to proof for the homeopathic reaction chain because we are dealing with a subjective science at the four-space level. It is not subjective at the five-space level because the roots of this physics are imbedded there and can be clearly seen from that perspective. When psychoenergetic or homeopathic experiments are performed which appear to violate our present science, we must recognize that it is only four-space limited science and not five-space science that is being contravened. Basically, our mental set can change the experimental results because they change the subtle energy fields (higher than four-space constructs) and the potentials and skin conductance at the acupuncture points (four-space constructs). Thus, it will be necessary to perform very careful experiments, being conscious of what is our intent with the experiment and taking account of our energetic impact on four-space measurements. In this domain, we are functioning at the four-space level and wish to attend patients at the four-space level because they are trying to live comfortably at the four-space level. Thus, we must perform experiments that are meaningful at the four-space level. We must provide all the necessary protocols for this experimentally difficult and time-consuming (expensive) area of research.

In terms of future needs, I personally would love to see an assemblage of well-delineated facts in homeopathy that need to be explained. Homeopathy seems to be, for me, an important laboratory of tomorrow's physics. To discern this physics, the homeopathic facts need to be ordered in a hierarchy extending from the least assailable facts to the most assailable facts—i.e., from the Law of Similars as a fact on down to those for which only a small amount of data exists. These, then, become the cornerstones or turning points for modeling the new physics.

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