

THE MECHANICS OF SPIRITUAL HEALING IN THE THEORY OF HARMONIC CREATION

An excerpt from



THE TOTALITY OF GOD
AND THE IZUNOME CROSS

Unlocking the Secret to the Riddle of the Ages

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Author's Note: The fact that there is a mechanics associated with the Theory of Harmonic Creation, as substantiated below, is what provides a scientific foundation for the System of Quadrality. Through its Rules, the Quadralitic Cube – the Structure for Harmonic Creation and the symbolic embodiment of the physical laws for all non-chaotic vibrational and rotational movement – was revealed. For centuries scientists have been learning and applying these laws, and when authors before me have sought a commonality between Religion and Science they have done so through the laws of physics for both Newtonian and Quantum Mechanics. However, even when ancient philosophic teachings such as the Taoist balance between Yang and Yin are invoked, it is for vibration the parallels are drawn. To the best of my knowledge, my work is the first to apply them to rotation, and I encourage readers to review pp. 390-391 of the main text for the scientific laws connecting vibration and rotation, and p. 70 for their Taoist parallels. The unifying principles are the Right- and Left-hand Rules in physics, and I first applied them to advance a model for human consciousness based on the interconnected electromagnetic fields and currents within the Earth. I've maintained that anything observable in the physical world has to have a physical explanation, though we may not as yet perceive what that is. The pursuit of science is to know the unknown. In the following excerpt, rotation is the key to understanding the Mechanics of Spiritual Healing.

The title of this essay begins by referencing the word mechanics with spiritual healing. Thus, an immediate assumption is made that spiritual healing, generally held as being a matter of religious faith, has a physical explanation deducible by examining scientific evidence. The rest of the title indicates that I feel the *Theory of Harmonic Creation* holds the key to revealing it. To understand how, begin by recalling what the *Theory of Harmonic Creation* is. I spent a good portion of my book exploring how it could be applied to account for the creation of the Universe and its continued maintenance, starting on p. 399 with this simple statement:

The existence and evolution of the Universe and all within it can be understood in terms of the principles underlying the creation of harmonics, the perfected merging of Music and Mathematics – the spiritual and physical reflections of the same Truth within the Movement.

What we then went on to do with the theory covered more fields of study than I'd care to summarize. But admittedly, through it all the simplicity of the original premise may have been lost, and this is a great place to look back on it with the clarity of hindsight. The *System of Quadrality* was based on the balance of word-energies, and the paring of Music and Mathematics here is no accident. They reflect the two Root areas in which harmonics have relevance. Harmonics is a word like others we often found that can have a diversity of meanings – sometimes apparently disconnected. But here the connection is real. In *Bookshelf*, the clearest evidence for it lies in the two definitions provided for harmonic series. The first is in Mathematics: "A series whose terms are in harmonic progression, as $1 + 1/3 + 1/5 + 1/7 + . . .$." The second is in Music: "A series of tones consisting of a fundamental tone and the overtones produced by it, and whose frequencies are consecutive integral multiples of

the frequency of the fundamental.” At first glance the definitions seem disparate. But once you realize that a harmonic progression is formed by the reciprocals of a sequence of values (their inverses, or, $1/\text{value}$) in an arithmetic progression, the correspondence is obvious. (2) *Unity* in Mathematics symbolically corresponds to the *Fundamental* in Music, since, they both represent the *source*. (3) And through the process of inversion – the physical balance to spiritual reciprocity – the values of a harmonic series, depending on type, can approach either the microcosmic or the macrocosmic limits of the Universe – Zero and Infinity. (4)

2 *(In case it's not as obvious as I would hope, let me offer a summary of information found in Bookshelf and Encarta on the subject. A sequence is an ordered succession of numbers or other quantities, and a series is the sum of such a succession. Two important types of sequences include arithmetic sequences, in which the differences between successive terms are constant, and geometric sequences, in which the ratios of successive terms are constant. Our present discussion is focusing on the former. An arithmetic progression is a sequence of numbers that increase or decrease by a common difference. Bookshelf provides the following examples: 7, 10, 13, 16, 19, 22 – 12, $10\frac{1}{2}$, 9, $7\frac{1}{2}$, 6 [the common differences are +3 and $-1\frac{1}{2}$]; and the natural numbers, 1, 2, 3, 4, etc., an arithmetic progression in which the difference is 1. Two things are clear: A sequence can be either finite or infinite; and the first term in the sequence, as well as the common difference throughout it, are arbitrary numbers. For us the third example has special relevance since it represents the progression of harmonics, which in the Theory of Harmonic Creation underlies all evolution, as well as the First Four States of Alignment – Unity, Duality, Triunity, and Quadrality.)*

3 *(While the number 1 is considered the identity element for multiplication and division, since any value when multiplied or divided by 1 will still be that value, philosophically as Unity it is also the state or quality of being one. And though the first harmonic in Music is the frequency from which overtones are produced, as the Fundamental it is also something that is an essential or necessary part of a system or object. Now, Unity in Mathematics is the number 1, while the Fundamental in Music is the 1st tone in a given series. Yet, they both represent the source – the thing that through multiplication or division neither changes anything in its action nor itself changes when acted upon. In this way, the source for Music and Mathematics reflects God. God doesn't change anything. It allows things to be what they're meant to be. It is the Infinite Source from which everything else draws to make the changes necessary to be in keeping with the Laws of Being and Existence. And in that process, God, Nonchange, doesn't change – the Absolute Frame of Reference for all eternity.)*

4 *(I say “can,” because Encarta notes they don't have to, depending on the mathematical formula used to generate the series. In our examples, generated from the simplest form of arithmetic progression, they do. For instance, consider the terms in the Bookshelf definition for a harmonic series in Mathematics. They are the reciprocals of the series $1 + 3 + 5 + 7 + \dots$, which, in Music, is the series of odd harmonics. But, while the terms in either series have no specified end, the fractions in the mathematical harmonic series would become increasingly small, approaching Zero, while the integers in the musical harmonic series would become increasingly large, approaching Infinity.*

Both series begin with 1; in the first it's the identity element, in the second it's the first harmonic. The first harmonic is the root tone in a series of overtones, and its frequency can have any value, with the musical harmonic series then modifying it. Yet, the same can be said for the quantity that begins any mathematical harmonic series. Thus, through values, Unity and the Fundamental become a quantity and a frequency. Even so, once the series is

formed, the source of the series – the 1st term – is still understood to be Unity or the Fundamental, in the first case figuratively, in the second, literally. The symbolic difference then gets reflected in the actual series thus formed. The mathematical and musical harmonic series are created by mathematical processes that are themselves oppositional: division and multiplication. Division in the mathematical series is clear: **1**, $1 \div 3$, $1 \div 5$, etc. Multiplication in the musical series is implied: **1**, 1×3 , 1×5 , etc. The **bold 1** in the first series represents Unity, in the second series, the Fundamental. Now, either Unity or the Fundamental can have any value. The requirements for an arithmetic progression will still be upheld. To see an example we'll let both be 20, but generate the musical series first. The series then becomes $20 + 60 + 100 + \dots$. The terms still become increasingly large and their common difference is 40. Next we'll do the mathematical series. The series then becomes $20 + 20/3 + 20/5 + \dots$. The terms still become increasingly small. But what, you ask, is the common difference? The harmonic series actually contains the reciprocals of the arithmetic series. It is there you must look to find the common difference, and its terms are $1/20 + 3/20 + 5/20 + \dots$. Their common difference is $2/20$, and as an arithmetic series the terms again become increasingly large. Through inversion, a kindred spirit to the Principle of Behavioral Reversal, the harmonic progressions associated with Music and Mathematics reveal the Universe's macrocosmic and microcosmic extremes.

Important: Footnote 2 discussed the relationship between a sequence of numbers and their series, with the latter being a summation of the former. A cumulative value is thus implied. But, aside from the differences in the processes that create the two types of harmonic series being discussed, there is another difference in them, which changes the nature of the resulting value. The difference is found in the nature of the + sign connecting the terms in each series. In a mathematical harmonic progression the + is literal. The parts add up to become the whole. In a musical harmonic progression the + is figurative. The parts retain their identity within the whole. (5) Think of why such an understanding would be important in this discussion of healing. All the energetic aspects of your life, spiritual and physical, positive and negative, which exist as frequencies in accord with the nature of musical harmonic series, maintain their identity in the harmonic fabric of your being. It thus allows us to focus on the energetic aspects of our lives that are out of balance or not in harmony with our greatest good and the good of all else that exists around us. The connection of Music and Mathematics through Harmonic Creation allows us to bring the precision of physical science into the process of spiritual healing. It is not just a bunch of mumbo jumbo. It moves according to the same truth that brought the entire Universe into existence and keeps it going. Some call it the Source; and even I have done so when it seemed appropriate. But I'd prefer to call it God. For me to only call it the Source, or Universal Mind, would seem to fail to do It justice. I don't think anyone would dare to claim that the source of an electric current, or the resulting energy in that current, loves you. And a mind the size of the cosmos should be able to construct the perfect plan, but could it ever care about what happened to you as the game played out? Recall from p. 33 the Physical Cornerstones of the Four Pathways to Light and Truth. A mind and body can provide for our Wellness and Abundance, but Desire and Passion take a soul and heart.)

5 (And you may have noticed that in this context – the additive nature of the value formed – the application of the terms figurative and literal in regards to the harmonic series for Music and Mathematics is the reverse of the previous context, the 1st term. It is a most insightful application of the Principle of Behavioral Reversal, with the two contexts reflecting the different natures of the Spiritual and Physical Models. Figurative/Literal, the additive context, actually reflects the Spiritual Model – a God whose parts don't diminish the whole. Literal/Figurative, the 1st term context, reflects the behaviorally reversed Physical Model.)

The connection between Music and Mathematics through harmonics becomes anchored when we explore the possibility of expanding their duality to a triunity. Place Physics at their Balancing Center. Then, "harmonic" takes on the ability to describe a periodic vibration, or back-and-forth motion, in which such motions are symmetrical about a region of equilibrium. The time required for one complete vibration is the period of the motion. Its inverse, the number of vibrations per unit time, is the frequency of the motion. And the maximum displacement of the object from its position of equilibrium is the amplitude of the motion. Thus, it is through Physics that terms like frequency, associated with Music, blend with terms like inverse, associated with Mathematics. Physics even merges Music and Mathematics in its definition for *Fundamental*: "the lowest frequency of a periodically varying quantity or of a vibrating system." And they all come together through *Harmonic Creation* to produce a motion that could as easily be used to describe the vibration of sub-atomic particles as those of a violin string. I labeled their merging as perfected to reference the Physical Perfection of God that the *Theory of Harmonic Creation* serves. The laws that govern either motion are one and the same, and it is this truth that underscores their movement. However, it is the ultimate *Truth within the Movement* to which the *Theory of Harmonic Creation* speaks. Let's reflect on that now.

"*The Truth within the Movement*" was chosen in my book to be more than just a clever "hook line" akin to something one would as likely find on Madison Avenue as on Tin Pan Alley, but a maxim with philosophic *and* scientific merit. Everything contains information and energy, and all energy vibrates, from the lowest frequencies of sound to the highest of light – a symphony of pitch and tapestry of color. And it is all connected, not just through the physical laws of harmonic motion, but the Spiritual Laws of *Harmonic Creation*. The connection is the *Quadralitic Cube* – the paradigm for all energetic movement in the Universe rooted in the *Triunity of Tangible Creation*, Light, Sound, and Heat. And its Laws are the *Laws of Being and Existence*, intuited and detailed to explore the principles underlying the creation and maintenance of the Universe at large, as well as any system that functions within it. And while the association of *Harmonic Creation* with spiritual healing may seem odd, consider that illness of any sort is a change in a system that will affect the stability of that system. And, it occurs as a result of energetic states – spiritual and physical – that are out of alignment with that system's greatest good. Disease – or dis-ease, the absence of harmony – can describe a planetary system out of balance, or a single person.

To learn how *Harmonic Creation* applies to human healing, we need to think of how its Laws work for any system that has become unstable in the Universe. At the top of the energetic pyramid, information is quantified through frequency (fast/slow), phase (in/out), and spin (left/right). Energy is quantified through mass (heavy/light), charge (positive/negative), and force (strong/weak). Information and energy exist independent of the containing system being referenced, as values for the above that can be determined and analyzed against an absolute reference or that can coexist as part of another relative system. But they are also dependent on the containing system in so far as the impact the values and the system may have on each other.

Primarily, the transfer of information serves *Harmonic Alignment* while the flow of energy serves *Dynamic Stability*. Recall the *Principle of Harmonic Alignment*:

Every *state of being* is a unique combination of harmonically structured energetic vibrations born from *four fundamental frequencies of universal oscillation*. These harmonic vibrations provide any state with the knowledge and means required to

align with or disengage from another state for the greatest good of the Individual states involved as well as the Collective state they're within.

This is the *Third Law of Being*, as expressed on p. 441. The present discussion allows me to address three points a reader may have questioned at that time, but which space considerations prevented expounding. The popularity of the 2001 movie ***A Beautiful Mind*** brought attention not just to the remarkable story of John Nash, but also to the theory that garnered for him the Nobel Prize – the Nash Equilibrium. As depicted in the movie, it is the realization that the best result in a non-cooperative game comes from everyone doing what is best for oneself *and* the group. This went against 150 years of strategic theories that saw the best result for the group coming only from an individual doing what is best for him or herself. Nash didn't diminish individual success, but saw its odds increase when the *Big Picture* was considered. Thus, a parallel to the *Principle of Harmonic Alignment* is clear. You may then ask if the Nash Equilibrium inspired it. Quite frankly, I was as unaware of Professor Nash as were the majority of moviegoers caught up in the Oscar-winning cinematic treatment of his life. In fact, my journey into ***The Totality Of God*** began in 1998 with developing, as you'll recall, the *Principle of Harmonic Alignment*. Its application as regards the balance of Group/Individual was fundamental to deriving the evolution from Consciousness to Awareness inherent in the *Four Pathways to Light and Truth* – the *Quadrality of Collective/Self ~ Culture/Identity*. The re-evolution from Awareness to Consciousness was then depicted in the *Cycle of Principle and Concept*. When, as we did in Points Forty-six to Forty-nine of ***Metaphysics*** (p. 122), Group/Individual is viewed in its context, as Man returns to God it is the individual good that insures the good of the group. In other words, to apply the *Law of Order* in a spiritually correct manner for that return journey, the individual good should not be sacrificed to insure the good of the collective. That position is often the exact opposite of physically-centered governmental and corporate mentality – even to the present day – which concentrates on the good of the group. But, either position taken to extreme is detrimental to the balance required for the health of a society and its comprising people, either politically or economically. The second position will lead to the *totalitarianism* of George Orwell's ***1984***, the first, to the *anarchy* of Mel Gibson's ***The Road Warrior***. It is within the range of values established by their means where harmony and stability is reached. As I explained on p. 97, since Spiritual precedes Physical, most of the time it is God's perspective that we must seek to follow the *Law of Order*. But when we need to consider the behavioral ramifications of our choices, it is Man's perspective that is more likely in keeping with it. This directive follows from Mokichi Okada's *Izunome Principle: The perfect balance of two sides is the point where they meet, from which either side can be favored – at the time and to the degree needed – depending on circumstances*. And since the behaviorally reversed Individual/Group actually places the individual on the Spiritual side, with the group then on the Physical side, the key is knowing when behavioral reversal should apply. The truth is that by insuring the good of its individuals, the good of the collective will best be served. (6) To uphold the *Principle of Balance*, of course both must endure. An unhealthy society will jeopardize the health of its citizens. Thus, the collective must be strong. (7) But the truth also remains that, for either the advancement of *Enlightenment* or the achievement of *Paradise on Earth*, in Man it must begin at the individual level. And I believe that a recognition and understanding of the *Principle of Balance* and the *Law of Order* is at the heart of the Nash Equilibrium.

The second point I can now address concerns the possible questioning of my choice of the word oscillation rather than vibration to describe the *four fundamental frequencies*, as I had for *states of being*. Vibration may seem especially appropriate since Sound played such an important role in modeling *Harmonic Creation*. But I did not want to limit the principle in that way. (In fact, qualifying the vibrations found in *states of being* as harmonically structured is more a statement of their conformance to the laws of Physics than to the laws of Music.) As is noted for Group and Collective in *Footnote 6* below, for our purposes the words vibration and oscillation are somewhat interchangeable; and a commonality in terms, such as vacillate and swing, can be found in their *Bookshelf* definitions. But overall, oscillate seems to provide the broader description, and its definition in *Bookshelf* as it applies to Physics is “to vary between alternate extremes, usually within a definite period of time.” Thus, we can encompass principles at the very foundation of all creation, like Extremes/Means, and tie in the physics of Light and Sound with the metaphysics of Yang and Yin – likewise understood as a variation between alternate extremes.

The third point involves my qualifying the aligning states as being concurrent. As you know, concurrent herein has been used for events occurring at the same time. I felt it was an important qualification in the context of the four tangible dimensions of space-time, but I must be clear that concurrent time is being referenced against the Absolute Reference since concurrent time for relative references is relative! (And quite frankly, *Relativity* only allows for relative frames of reference – time is relative to motion and everything moves.) You may then question why I didn’t also qualify aligning states as concentric – i.e., events in the same place. For one thing, the event lightcones of *Relativity* provide that states do not have to be in physical contact to be within the range of causal contact. But more than that, once you get to the quantum level, states don’t even have to be within causal range to have an effect on each other (pp. 474-475). And these states are found in the tangible dimensions of space-time. Thus, I felt only a qualification for time was warranted, one which an upcoming essay will show would apply even in multidimensionality; for, at any dimensional level the relationship of those dimensions to time as it exists there would be the same. So, the *Principle of Harmonic Alignment*, as with any other *Law of Being and Existence*, is a Spiritual Truth that preexists and transcends such tangible distinctions.

With these points covered we are free to answer our present query – how the information contained in frequency, phase and spin can effect healing through *Harmonic Alignment*. I chose them as the quantifiers for information with the full acknowledgement that information about a system and its components can likewise

6 (By definition, *Group and Collective* are somewhat interchangeable. I established the original association of *Group/Individual and Collective/Self* as a consistent convention to serve in the early development and application of my ideas. But later in the text, *Individual and Collective* were often paired when, as in the *Principle of Harmonic Alignment*, they seemed either logically or grammatically more appropriate.)

7 (In a healthy society, the potential for Totalitarianism is minimized since a chain is only as strong as its weakest link. Similarly, the potential for Anarchy is minimized since anything that weakens the group will no longer serve the individual good. I say their potential is minimized because according to the *Principle of Balance* both must be allowed. But **1984** and **The Road Warrior** show either can exist as negative limitations that if emphasized would throw their positive conditions out of balance.)

be obtained through the quantifiers for energy. Such a realization lies at the core of *Quadrality*. And the six balances in parentheses on p. 754 form a powerfully simple picture of fundamental *conditions of existence*. But none can exist on its own, any more than its effecting *Laws of Being* can function independently. Information and energy coexist. A mass will have a frequency; a force will have a phase; a charge will have a spin. And once one or more of these six values are determined, others not listed can be derived. For instance, given the frequency of a particular wave, its wavelength can be calculated if wave speed is known – and that is determined by the medium it traverses (a function of mass).

So, we've established that anything with mass, force and charge will have a frequency, phase and spin associated with it. Thus, those are *conditions of existence* for all tangibility. And we can continue our exploration of healing at the physical level by quantifying those conditions. But greater understanding will be achieved if we approach this metaphysically and stay within the framework of metaphor and allegory. Consider that the Absolute Frame of Reference – Nonchange – contains all frequencies in perfect balance so that the stability of the *Big Picture* is insured. To do so from God's perceptive, the greatest good of the Collective must ultimately be upheld. Any individual system within it will likewise contain frequencies that have an impact on the Absolute Reference, simply through the principles of constructive and destructive interference. That's how information is transferred. As noted on p. 438, Nonchange and Change coexist in the Spiritual Realm according to the *Principle of Balance*. But it is Change in an absolute sense since it is being compared to the *state of being* for the Absolute Reference – Nonchange. To it, a change in a part doesn't affect the whole. Thus, the Absolute Reference can experience change without being changed by it, and "know" what's happening simply by comparing any relative system frequency changes against itself. By monitoring the things that do change against its non-changing *state of being*, the Absolute Reference can determine if the *conditions of existence* for the relative references are in accord with its greatest good. This can be said for all six *conditions of existence*, not just frequency; phase, spin, mass, force and charge in the relative will likewise have an impact on the Absolute through the applicable physical laws, all of which connect within the paradigm of the *Quadralitic Cube*. This is much as the laws of Physics themselves, which relate to one another, as we saw time and again, in very profound ways at the most fundamental level. Once the Absolute Reference knows the existing conditions of all the relative references within it, it can determine what is out of balance or contrary to order in the *Big Picture*. It is then that changes can be made through *Dynamic Stability*. Remember:

The constancy of character or purpose with respect to the non-changing frame of reference must be maintained in any changing system to prevent discord or disorder from ruling that system. To do so, there is an ability for finite-relative systems to become open to the infinite-absolute such that adjustments can be made as needed to maintain harmony and symmetry in the *Big Picture*.

Each thing in the *Big Picture* has a purpose and character – a reason for being and a quality of existence – which must be maintained to prevent discord or disorder within itself. *Dynamic Stability* is the process whereby the single non-changing reference can maintain overall stability through adjustments in the changing systems to compensate for the discord or disorder that occurs. The non-changing reference

must do this before the cumulative effect of such systems will sacrifice the harmony and symmetry of the *Big Picture*. But such adjustments are only made for the benefit of the *Big Picture*, and there is no guarantee that any adjustment will return harmony and symmetry to a relative system so affected. It is the natural desire of the Absolute Reference to bring stability to unstable systems, since that insures the stability of the *Big Picture*. In other words, God wants you to heal. It serves the greatest good of the Collective. But it is only the Great Love of God that provides us with the opportunity to choose if we will avail ourselves of the mechanism He has set up to accomplish it. For, serving the good of the Collective is God's priority, and that can often be at the expense of the Individual. We know this is the case from even a casual observance of the workings of nature. Order and Chaos are both necessary, and if entire solar systems must die to insure stability in the *Big Picture*, so be it. In fact, such events must take place and are essential to the cycle of construction, destruction and reconstruction. You might even say they are constant to a solar system's character and purpose. So, God wants you to heal, but He won't force it. He'll provide the healing energy and the mechanism to receive it, and then allow your own will to decide the course of action. If you think about it, how significant is the life of any individual in the context of the *Big Picture*? Do you think it really matters to the Universe if a tiny human spec on a lonely planet somewhere in its vastness survives? Thus, while the Universe may not care about the individuals who inhabit it, God does. Yet, even God's Son was sacrificed for the good of the Collective. And Jesus chose to fulfill His destiny by remaining constant to His character and purpose. Perhaps we're all being tested to see who will rise to the occasion. Is every move in the Game of Existence worked out in advance, or is the game allowed to play out for itself? The truth is in the perfect balance of both to provide God and the Universe with a winning season. If Thomas Edison had failed the challenge of the light bulb or Nelson Mandela the challenge of apartheid, another would have come forward to take their place. Granted, each of these men seemed uniquely suited through purpose and character to that destiny. But it was the invention of the light bulb that was needed and the elimination of apartheid that was required, not which individuals did them.

Suppose we've taken God up on the opportunity and invoked His power to heal. Physically speaking, how does it occur? I first broached the subject of looking at spiritual healing from a scientific perspective in *Footnote 169*, p. 411. At the time I was speaking about *Johrei*, but the idea applies to any energy healing therapy. A portion of that footnote is worth repeating as a convenient refresher:

Put aside the divine implications. Consider an electromagnet. The random fields in the core are placed into alignment with the physical energies running through it. **Johrei** is working on the same principle, but with spiritual energies. And its vibrational nature allows for alignment that is harmonic rather than magnetic!

Every frequency, phase, spin, mass, force and charge associated with sickness has an opposite rooted in health, and it can restore stability to the unstable when applied through the *Principle of Harmonic Alignment*. For the quantities associated with waves, if a frequency is out of phase, the application of the same frequency at the same amplitude but that's in phase will result in nullification through destructive interference. Additional amplitude – or force – will take it in the positive direction through constructive interference. And if the frequency itself needs to be modified,

a change in the mass associated with it will achieve the desired result. You may think that such a proposal seems too crazy to consider. But realize that every form of matter has some frequency or combination of frequencies associated with it. Now imagine that into healthy tissue with a particular waveform began to grow unhealthy tissue – perhaps cancer. The waveform of that tissue would have changed. How can health be restored? Traditional medical treatments would include surgery to remove it, chemotherapy and radiation to shrink it. But these are physically oriented, with no consideration of the spiritual reason for the illness having appeared to begin with. And while the removal or shrinking of the cancer is a solution, imagine one that pursued transformation of it, instead. If disease occurs through a change in matter from a state of health to one of sickness, wouldn't the return journey, according to the *Cycle of Principle and Concept*, also be a possibility? In fact, it is a realization that the *Laws of Being and Existence* provide for! Healing, like all conditions of existence throughout the Universe, must accommodate both sides of the Balance of Spiritual and Physical. There are countless cases of remissions and cures that even medical professionals are often forced to admit do more than just border on the miraculous.

When a return to health beyond the ken of medicine has occurred, it is likely to be attributed by the beneficiary to divine intervention. And yet, a tangible physical change has transpired. So, if everything in the physical world has a physical solution, how is the Hand of God participating in such a miracle? It's by supplying the energy of healing and making it possible for us to align to it. And as we cross over from the spirituality of waves to the physicality of particles, the understanding of aligning ability moves from the harmonic to the magnetic. *Harmonic Alignment* is about more than the physics of harmonics. It's also the metaphysics of aligning to achieve harmony. The *Law of Dynamic Stability* has the advantage of being able to avail itself of both. And harmonious alignments can also occur magnetically. Thus, in the above footnote, when I asked you to consider electromagnets my request may have seemed merely for the sake of illustration, since I said that for *Johrei* the aligning process was harmonic rather than magnetic. And that is true at the Root level. But once the energies of Spiritual, Physical, Positive and Negative through *Quadrality* do combine, *magnetic alignment* can come into play. In fact, the quadralitic interaction of Realm energies will explain how a statement made on p. 444 applies to the above:

In the Spiritual Realm, time exists only in the sense that there is a spiritually correct order; space exists only in the sense that there is a symbolic structure in which energies can harmonically align. Time and space become measurable entities in the Physical Realm. In the Spiritual Realm, like vibrations attract, opposite vibrations Repel; in the Physical Realm, opposite forces attract, like forces repel.

On p. 552, I expanded upon this re the neutralization of energy in the Root Realms:

Let's now consider how this could occur in practice. First, recall an essential difference between Wave and Particle, which manifests in the Root Realms as a difference in functionality. In the Spiritual Realm, likes attract and opposites repel; waves align through *phase*. In the Physical Realm, opposites attract and likes repel; particles can carry *charge*. Opposites function to nullify (p. 34); yet, this shows that for waves and particles the properties involved are themselves oppositional.

Both excerpts are expressing the difference between the Root Realms as a reversal in the principles of attraction and repulsion. The first does so by using vibration vs. force to uphold Realms. But an association of vibration with attraction really only applies in a spiritual sense. The *Principle of Harmonic Alignment* was first introduced as the phenomenon of spiritual resonance responsible for the aggregate of common beliefs into the *Four Pathways to Light and Truth*.

The second excerpt then differentiates the Realms through wave vs. particle, and how they reflect phase and charge. The behavioral reversal of attraction and repulsion between Realms then had an impact on how waves and particles neutralize. At the time, referencing waves and particles in a Root sense enabled us to apply that functional difference to Dark Energy and Dark Matter. But you may recall how way back on p. 34 I explained that *Growth* (construction) is achieved through likes and *Nullification* (destruction) is achieved through opposites, with both either as attraction or repulsion. So, rather than waves and particles, let us use *Growth* and *Nullification* to uphold the ideological alignment, against which attraction and repulsion behaviorally reverse. For waves and particles in the Spiritual Realm, *Growth* is achieved through attraction, *Nullification*, through repulsion. The ideological alignment upholds the Spiritual Principle. For both in the Physical Realm, *Growth* is achieved through repulsion, *Nullification*, attraction. The behavioral alignment upholds the Physical Principle. Each dualistic alignment upholds the ruling energetic principle for its Root Realm. And it is through *Quadrality* that the ruling principle for one Realm reflects into the other. (8) The illustration below summarizes the previous realizations and will serve as a useful guide in following what I'm about to discuss:

Waves and Particles Vibrations and Forces	Spiritual Principle <i>ideological alignment</i>	Physical Principle <i>behavioral alignment</i>
Likes = Growth	Attraction	Repulsion
Opposites = Nullification	Repulsion	Attraction

When Growth is caused by likes attracting,
it is the Spiritual Principle

When Growth is caused by likes repelling,
it is the Physical Principle.

When Nullification is caused by opposites repelling,
it is the Spiritual Principle.

When Nullification is caused by opposites attracting,
it is the Physical Principle. (9)

Clearly, like vibrations effect *Growth* and opposite vibrations effect *Nullification* in either Realm. Against them, in the Spiritual Realm attraction and repulsion are in their ideological alignment since likes attract and opposites repel. The *Law of Karmic Consequence* is based on this principle, as well as the *Laws of Karmic Response and Responsibility*, which I intuited to explain the functioning of the former. The Spiritual Realm returns what it receives. It is being returned to the Physical Realm as a form of feedback to let us know how our intentions and actions conform to Spiritual Truth. This is not an act of repulsion, which in an ideological alignment would mandate the opposite energy, but actually an act of attraction. God has sent us what we ourselves have spiritually attracted. It is again the application of the *Principle of Harmonic Alignment* as the phenomenon of spiritual resonance. So, the Spiritual Principle has reflected into the Physical Realm through *Quadrality*. In the Physical Realm, the Spiritual energy received will interact through wave interference with that sent. And if the energy we send out is negative, the negative energy returned will destructively interfere with the positive and constructively interfere with the negative – with the resulting spiritual dis-ease soon manifesting in physical form. That can be as misfortune or illness.

How is ease then restored? Rather than vibration, turn to force. Like forces effect *Growth* and opposite forces effect *Nullification* in either Realm; but in the Physical Realm, attraction and repulsion are in their behavioral alignment since opposites attract and likes repel. It's a key principle upon which the laws of electricity and magnetism are based. To then nullify a physical illness with a spiritual energy, it is not the same energy as the illness we wish to attract, but the opposite. And thus the Physical Principle has reflected into the Spiritual Realm through *Quadrality*.

Earlier in this essay I stated that the primary function of *Harmonic Alignment* is the transfer of information, while that of *Dynamic Stability* is the transfer of energy. If we then add information and energy to the balances of waves and particles, vibrations and forces, the previous illustration indicates that *Harmonic Alignment* and *Dynamic Stability* both need to function according to either the Spiritual Principle or the Physical Principle. Thus, the energy God sends directly into the Universe to satisfy

8 *(In our study of Quadrality, we learned how the precedent for behavioral reversal in the Physical Realm is established as a potential in the Manifestation phase of the Root Spiritual Realm. Likewise, the ideological alignment of the Spiritual Realm establishes, in the initial Creation phase of the Root Physical Realm, the Rules and Structure needed for behavioral reversal to then take place.)*

9 *(You may have questioned why I have qualified likes as always being constructive and opposites as always being destructive. Don't the other conditions also exist? Absolutely! This illustration details the ruling energetic principles of each Root Realm at the 1st level of Quadrality. It is at the 2nd level where behavioral reversal allows likes to be destructive and opposites to be constructive. An example of the latter is the union of opposite sexes to procreate an offspring. An example of the former is the fusion of identical atoms in a neutron bomb. However, I speak of the principles at the 1st level as being ruling since the understanding in Quadrality is that all further levels exist in the context of those before; and the closer you are to the top of the energetic pyramid, the closer you are to the underlying Spiritual Truth. For Quadrality, the top of its energetic pyramid is the 1st level. This is the foundation of the presentation that follows in the main text, where the ruling energetic principles of each realm reflect into the other to satisfy Quadrality.)*

Harmonic Alignment and *Dynamic Stability* has to be dualistic, with both a spiritual component and a physical component. Thus, the *Principle of Harmonic Alignment* requires the physics of *harmonic alignment* and *magnetic alignment*. While frequency and phase allow waves to harmonically align, spin and charge allow particles to magnetically align, with force and mass providing the common energy environment. Touched on only briefly in the main text and acknowledged as applicable for *Johrei* in the excerpt on p. 758, *magnetic alignment* deserves further attention now.

Magnetic alignment was key to our developing an understanding of the relationship of the Earth's fields and currents to the *Four Pathways to Light and Truth*. But let us recall how *magnetic alignment* was first introduced at the molecular level in the clues, p. 433:

Materials known as *dielectrics* are used to separate the plates of a Capacitor to increase its Capacitance from that of air. A *dipole*, or *polar molecule*, is a dielectric whose molecules have a permanent separation of their positive and negative centers of charge. When placed in an electric field, dipoles tend to become aligned with the external field to a characteristic degree. This property is described as a *permanent electric dipole moment*. Some dielectrics are non-polar, with no permanent electric dipole moments. However, when placed in a field, they acquire a temporary polar character by induction, called *induced electric dipole moments*.

Before continuing with its molecular application, note that the word *dipole*, or "two poles," also appears in electronics to describe an antenna consisting of two equal rods used to send or receive a specific or tunable range of frequencies through the principle of resonance. In healing it may serve to model the mechanics of energy transfer. The present molecular reference, though applied on p. 471 to magnetism, also pertains to electricity. *Bookshelf* defines dipoles re Physics as "a pair of electric charges or magnetic poles, of equal magnitude but of opposite sign or polarity, separated by a small distance." And as the above clue notes, a polar character can be permanent or temporary, an ability that will soon become very important to this discussion. But it's the word several times referenced above with *dipole* that we must first consider – *moment*. The *Bookshelf* definition for it re Physics is "the product of a quantity and its perpendicular distance from a reference point; the tendency to cause rotation about a point or an axis." *Dipole moment* is defined as "the product of either charge in an electric dipole with the distance separating them; the product of the strength of either pole in a magnetic dipole with the distance separating them." More importantly for us, it is with *moment* that a *dipole* transforms from something that can cause an alignment to something that can produce a rotation. And in the previous essay I recalled how phase and spin were said to be the spiritual precursors to charge and magnetic moment in the evolution of **Q**. It is no accident that these properties cover four of the six *conditions of existence* this essay has considered, since magnetic moment is the force of rotation. This is the reason I focused on dipole moments rather than the dipoles themselves in exploring on p. 471 the electromagnetic parallels to the evolution of the four forces in nature. The parallel to the evolution of the 3rd force came from the electric dipole moments produced when electrons and protons align, that of the 4th came from the angular momentum either charge creates while rotating on its own polar axis. Thus, it is the moment of magnetism that is the foundational property, key to all elementary particles and the atoms they form.

So, we have ascertained that healing will take place through two types of alignment, harmonic and magnetic. Each has a root relationship to either vibrations or forces. Yet, we saw at the top of this essay that harmonic principles themselves involve vibration and force, the first being connected to musical harmonic series, and the second, to mathematical harmonic series. Through the physics of wave mechanics, vibrations could combine in such a way that they maintained their identity in the whole; through the physics of vector mechanics, forces could combine such that their cumulative value became the whole. And these two principles could be contained within the same energetic phenomenon, since the vibrations in a compound wave, which combined frequencies in a way that maintained individual identity, contained amplitudes that combined into the identity of the whole.

Now, return to the two types of alignment and see them as a duality with the first term itself a unity from which a duality is formed. The evolution of the original duality to a quadrality would seem to indicate that the second term could likewise be expressed as a duality involving the principles of vibrations and forces. If we look in *Bookshelf*, we will find definitions for "magnetic" applicable to Philosophy as well as Science. For, while it is "of or relating to magnetism or magnets," and thus in conformity to the laws of force in physics, it is also "having an unusual power or ability to attract." And while attraction and repulsion are properties of force found in magnets, here the reference to such an ability is clearly a subjective rather than objective appraisal of interpersonal relationship at the vibrational level. It is not too hard to imagine why the latter possibility could be considered as providing for the retention of identity while the former would involve its contribution. But even if you wanted to look at it purely from the scientific perspective, the dipoles in a magnet would add to the cumulative strength of the field while remaining as individual dipoles. Thus, whether we are considering the waves of *harmonic alignment* and their phase or the dipoles of *magnetic alignment* and their spin, there is an aspect of each that would retain its identity in the whole and an aspect that would contribute to it.

It may seem odd to associate a change in spin with healing, but many spiritual traditions recognize spin as a determinant of wellness. The best example I can think of can be found in the Hindu system of seven energy centers, or chakras, found at specific locations along the spine. These were referred to several times in the main text. Each chakra has a spin associated with it, with the rotation of individual spins alternating up the chakras. The orientation and strength of their rotations is an indication of how well the chakras are functioning; and chakra balancing is a healing modality many energy practitioners advocate.

So, how does someone get the rotations of their chakras strong and oriented correctly? It is likewise no accident that orientation and strength, terms spoken of on p. 533 as the properties of a magnetic field responsible for magnetic moment, were also just used to indicate the functioning of our body's energy centers. Much can be learned about the process of human healing by once again turning to the known principles surrounding the workings of electromagnetic systems. Doing so had allowed us to see how the development of human consciousness was connected to the Earth's fields and currents, and to eventually postulate a theory of creation using electric circuits to arrive at and explain it. And what we discover now will apply not just to the seven chakras at the macrocosmic level, but to the orientation and strength of every single atom at the microcosmic level. An explanation of how chakras function, found in "The Sevenfold Journey," reveals just how powerful this relationship is, and how closely it is modeled by the paradigm of the *Quadralitic Cube*:

None of the chakras function by themselves. As wheels spinning at the core of our being, the chakras are intermeshing gears, working together to run the delicate machinery of our lives. An imbalance in any particular chakra will affect other chakras, or may even be caused by them.

All of the chakras need to be open and functioning in balance with the others to be a fully thriving human being. We do not believe that any chakra is necessarily more important than another, or that we have to repress one chakra in order to open a different one. It may be important for an individual to focus on a particular chakra if that chakra has been underdeveloped in their life, but it is only for the purpose of overall balance in the system. It is possible that a public speaker would want to emphasize her throat chakra, or an artist, his visual center. It is fine to emphasize our talents, as long as it is not to the exclusion of other areas of our lives. . . .

It is also important that all the chakras work together. . . . As intermeshing gears, the chakras must be full enough to "touch" the ones above and below, and not so full that they are too overloaded to spin. . . . A deficient or excessive chakra can block the overall flow.

[Anodea Judith and Selena Vega, *The Sevenfold Journey: Reclaiming Mind, Body & Spirit Through the Chakras* (California: The Crossing Press, 5th pr., 1999), pp. 274-275.]

Review the truths revealed in this passage. No particular chakra should be emphasized if it is at the expense of another. All need to be functioning for the system to be in balance. The good of the collective is foremost, but each individual is important. And each individual is meant to shine as best fits its character and purpose. For, what each does affects the others and it is likewise affected by them. They are like intermeshing gears, spinning together at the core of our being.

Aside from the clear parallels to the philosophic understandings we've explored in this essay, is there something in this last sentence that seems like an echo from a not-too-distant memory? How about the checkerboard analogy? I will let my original description (pp. 533-534) speak for itself:

Now, did the Universe have everything it needed to give structure to its virtual mass if phase and spin, the spiritual precursors to charge and magnetic moment, are the two "engineers" of the pre-Planck Universe? How may they actually supply it? The answer: through parallel and perpendicular axis alignments, which I also said the *Cube* models. In Tangibility, such alignments are exhibited at the molecular level in all sorts of solids. At the pre-elemental level they reveal how Order itself came from Chaos. My reply is obviously conjecture; but, say initial interactions were completely random. Any resultant vibrations and forces would likewise be so, until their inherent energetic natures furnished the orientation and strength required for structure. Phase would provide for parallel alignments of vibration through interference. Standing waves would be formed only from wave components in opposition, with negligible synchronization off axis. Spin would allow for orientations of force perpendicular to these axes through vector mechanics. The components of vibration and force in common planes and axes would combine such that a collective strength is achieved. For oscillatory balance and torsional stability, sub-quantum regions with alternate phase and spin could complement each other by aligning in counterposed X-Z planes, much like checkerboard layers with white squares over black along the Y axes. Through the energetic sub-structure of these *Quadralitic Cubes*, the evolving waves and particles could

move. (Rotation around any Y axis through the counterposed *Cubes* would be uniform as a result of the reversal of the *hand rules* for **Q** and **anti Q**. Axes would then alternate. *Footnote 195*, pp. 620-621, will elaborate on this.)

The authors of "The Sevenfold Journey" make the point that the chakras need to be developed enough to touch, and they provide a diagram of the seven chakras touching one another to illustrate their analogy to spinning gears. It is through their touch that energy is transferred, and when they are undeveloped, we feel disconnected. But they also note that the chakras need to be able to spin. Overloading will block the energy and result in conflict. So, both orientation and strength of the spin are crucial! And just as intermeshing gears would behave, the chakras alternate their spin. But now you can see how such a behavior, designed to insure the balance of the human energetic system, is a tangible microcosmic reflection of the paradigm presented herein that has insured the balance of the Universe's macrocosmic energetic system since the dawn of its creation! All of it can be understood in the context of the *Quadralitic Cube*. In fact, though the authors don't mention it, the alternate spin of the chakras is associated with masculine vs. feminine energy; and I don't need to remind you how important that difference is in the *Cube*.

In the checkerboard analogy, the spin of any Y axis was the same regardless of whether the movement was from the Spiritual to Physical end, or Physical to Spiritual. This is similar to Figures R-S and R-P, the quadralitic templates for the Root Realms, with *Left-hand Rule* from top to bottom matching *Right-hand Rule* from bottom to top. The rotational consistency for the latter was depicted at the end of *Footnote 195*, where I noted how it was different from a wave at a fixed boundary, which would return 180° out of phase. You may then question, when following that return journey in Figure 17 C as depicted for the wave, would it not be describing a rotation in the opposite direction? Yes! And if you tried applying a *hand rule* to it you'd end up with the same *Left-hand Rule* at either end, since the reversal of the direction your thumb would be pointing in would be compensated for by the reversal in the spin.

To answer the apparent paradox, I offer the following observation (first made in the essay *Figures R-S and R-P, and Q*, begun on p. 740). Rather than the hand rule for the return journey of **Q**, you'd be following that for the return journey of **anti Q**, teamed with **Q** in the checkerboard analogy, to reflect the four hand rule assignments possible or needed for any *condition of existence*. For **anti Q**, all rotations described above are reversed. Thus there is no paradox. The spins of the Universe's underlying energetic structure embody **Q** and **anti Q**. As explained on p. 536, it is the higher harmonics of tangibility that provide a Universe where a mass can only spin in one direction at a time. But underneath it all, the potential for both must be there.

The ideas of disconnection and overload brought up in "The Sevenfold Journey" are extremely important to consider if we wish to understand the process of healing and how spiritual energies can facilitate it. Given the balance of God and Man as co-creators in the healing process, I mentioned in the text that the Light of God is never off. It is only we who through willful acts disconnect the switch. Even non-willful acts can do it, but as we learned during the *Laws of Karmic Response and Responsibility*, the consequence, positive or negative, is all the more powerful when intention is combined with action. Thus, it must be said at the start that if there is something that you are contributing to the condition of dis-ease, through thought, word or deed, it must be modified to energetically emphasize the spiritual-positive and de-emphasize

the physical-negative, or be eliminated completely – all or nothing. You'll recall my reminder that we can't box with God, and even in the process of establishing a middle ground for those issues where flexibility is permissible, there will always be a point over which we must take a stand and not pass beyond. That's our *Point of No Return*.

The reason is simple, and has already been outlined in this essay. The vibrations of waves and forces of particles are interconnected in the *Quadralitic Cube*, and if the frequencies of your life are spiritually incorrect or out of phase, or the spins are in the wrong direction or of the inappropriate strength, your life's experiences will reflect it. So, you can't hope to restore harmony and symmetry if you maintain a life of discord and disorder.

What is truly remarkable is that, unlike a physical court of law, which demands punishment for the crime, God's spiritual court will initially give us the benefit of the doubt, as if to encourage us to make the changes necessary. He offers us proof of His own existence and His power over the Forces of Darkness, and then challenges us to anchor ourselves to the *Four Cornerstones of Enlightenment and Healing*. Doing so was the *First Step to Wellbeing*, personally proposed on p. 651. But if we fail to seek the Truth to be found in Him, to live with Faith in Him, to advance our Belief in Him, and to make the Commitment to Him, the inevitability of karmic consequence will dictate the result. The Bible teaches it is through faith we are saved. That is because no one born of the flesh can transcend the Veil on their own. And the Buddha taught how the essence of life is suffering if attachment to it remains. But it is through works that our faith is tested and proven, and if we don't act in accord with our pledge to God and our request to receive Him into our life, then the pledge was a lie. Surely, God understands we are fallen beings who are bound to fail even if living with the best of intentions. And thus His forgiveness is never withheld to someone who repents. But God will know the truth in our intentions and the validity of our actions. The true nature of our spiritual energy can't be withheld from Him. It is only in the Physical Realm where a lie detector can be deceived. Mokichi Okada taught that belief wasn't necessary to receive the initial blessings, but if someone failed to be grateful to God for the blessings received and to give to God in return through service, the effect of those blessings would diminish and instability would return. Jesus taught that not all who call His name will be received into the *Kingdom of Heaven*, for, He never knew them. Theologically speaking, one's knowledge of Jesus is measured by obedience to His Father's will, which Jesus Himself epitomized. But consider this, as well. What sort of relationship would you want to have with someone who slapped your other cheek after you had turned it, instead of begging for forgiveness for the initial slap? (And, what would we do if He didn't have an infinite ability to forgive?)

Now, if you think I've gotten too philosophical or religious, balancing Science with Religion has from the start been at the core of my purpose. So, return to the other side of the balance and just think about gears. What would happen if one gear wasn't spinning in the right direction or suddenly stopped moving from insufficient lubrication? You'd strip the gears or break the machine. If the replacement was too small, no connection would be made to the others; too big and it wouldn't fit. Of course, in a well oiled and fitted set of gears, they'd be turning in opposite directions. Therefore, given the circumstances, the oppositional rotations are constructive, not destructive, apparently violating the statement that opposites are always destructive. *Footnote 9* explained that behavioral reversal allows for opposites to be constructive at the *2nd level of Quadrality*. But *Universal Truth* begins at the *1st level*, and at the point of contact the gears are moving in the same direction. The oppositional physical

rotation is thus the way they are meant to be going to best serve the Collective. Were they to do otherwise, some malfunction or decrease in the machine's efficiency would occur. So, when you act in accord with the greatest spiritual good you are complying with the Spiritual Principle: Likes = Construction = Attraction. (10)

From force return to vibration and think about waves. If you were floating out in the ocean, the only way to stay afloat would be to follow the peaks and troughs of the wave. If you didn't go high enough on a peak or went too low on a trough, you'd drown. Now add an undertow. People who drown in such a situation generally do so because they've tried to swim against it – or in an anti-parallel direction – toward the shore. Lifeguards teach bathers to swim perpendicular to it, or parallel to the shore. Eventually you'd escape the undertow and could swim to shore with minimum effort. Again, being able to apply the appropriate principle to the given circumstance was key. A decision to resist the undertow and swim against it is here physically destructive since that is against the greatest good of the swimmer caught in the current, soon to drown from exhaustion. The analogy is trying to solve a *spiritual problem* with a *physical solution*. To swim with the current is likewise destructive since the flow itself is in opposition to the greatest good of the swimmer. Even floating won't help as he or she gets swept out to sea. The analogy is *giving in to the spiritual problem*. The solution lies not in going with or against the direction of the current, or in oscillating along the perpendicular displacement of the wave's crests and troughs, but in moving in the direction perpendicular to both, the one of moment. That is the *Path of Least Resistance*. Then, *the solution is spiritual*.

Obviously, you wouldn't know that solution unless you had been properly instructed before fear of drowning drove you to make the wrong choice. And unless you were an experienced mechanic you wouldn't know how to keep a particular machine properly filled and tuned. So, consider that all I've offered to you in this book has been for the purpose of preparing you to deal better with life's ups and downs, undertows, misfits and overloads. By understanding the principles behind the realization of the *spiritual solution*, you will be less inclined to react from a place of fear, but rather, come to act from a place of faith. The particular examples I've chosen were meant to open your mind to thinking outside the box, seeing things in a way you perhaps never have before, and thus breaking down the blocks to perceiving the connection of waves and particles in the *Quadralitic Cube*. Once we do so, it is easier to imagine how a spiritual healing therapy without physical contact could effect change harmonically and electromagnetically. And again, such a possibility is within the scope of Science. *Encarta* notes that "magnetic properties in a solid arise from the electrons' acting like tiny magnetic dipoles. Electron spin plays a big role in magnetism, leading to spin waves that have been observed in some solids." ["Physics," Microsoft® Encarta® 98 Encyclopedia. © 1993-1997 Microsoft Corporation.]

Since the process of finding and applying physical clues to spiritual questions proved so effective in presenting the *Theory of Harmonic Creation*, let's return to that approach, first by discussing a few posted then. There are three forms of induction.

10 (There is a curious parallel in waves to this apparent paradox. Opposite vibrations are destructive. When two waves of equal frequency and amplitude that are out of phase to each other, and thus opposite, move in the same direction, they nullify. Yet, standing waves are made by opposite vibrations moving in the opposite direction. This is a double opposition and thus constructive. As with the gears spinning in opposite directions, that's the way they're meant to be going for the greatest good of the collective.)

Electromagnetic induction involves the production of an EMF as a result of changes in a magnetic field or an electric current. It underscored in our original study the use of electric circuits to model creation. In our present investigation, since circuits do not have to be connected for induction to occur, it advances the possibility of a force being generated in someone as a result of an external field. *Electrostatic induction* involves the creation of an unbalanced charge on an uncharged object when in the close proximity of a charged object. It takes place through the flow of charges. The induced charge will be of opposite sign to the charge causing the induction. *Magnetic induction* involves the production of a magnetic field in a non-magnetized object when in the close proximity of a magnet. It takes place through the alignment of charges. As we'll next learn, when it occurs the induced polarity can be either the same or the reverse of the inducing field. Thus, electrostatic and magnetic induction differ in function as well as form. Though we'll focus our attention on the latter, both reveal how energy emitted from one person can affect that of another merely if the second is within the energetic range of the first. Adding the three forms of induction together, it should be obvious that since we were looking for the physical principles associated with the mechanics of spiritual healing, our search has been successful.

To see how to apply them, let's add a few more clues. The *Encarta* article "Magnetism" explained that "at the atomic level, magnetism is measured in terms of *magnetic moments*, a vector quantity that depends on the strength and orientation of the magnetic field." We've already covered this. But the article adds that it also depends on "the configuration of the object that produces the magnetic field." [Martin Blume, "Magnetism," Microsoft® Encarta® 98 Encyclopedia. © 1993-1997 Microsoft Corp.] This begins at the atomic level with the configuration of electron shells, but for our interpretive purposes can be extrapolated to occur in any physical body that exhibits magnetic properties, including a human one. The magnetic moment of a sick person will undoubtedly be different from that of a healthy person, even if they happened to be identical in all other ways. This is a reference to not just the microcosmic effect of sick vs. healthy tissue but the macrocosmic effect of that sickness on the demeanor of the person so afflicted. Often you can sense you're in the presence of a sick person even if that person never says a word about it. Of course, such a projection of energy exists as a range of values, and some people tend to exaggerate their illness while others diminish it. It's not hard to imagine who will have the greater likelihood of healing success. In fact, it's a product of the *Second Law of Karmic Responsibility*: "A person has the choice to either accept or reject another person's spiritual energy, regardless of its charge." A sick person can be sent the energy to heal – from a human healer or the One Divine – but for whatever reason reject it. And according to the *Third Law of Karmic Response*, "the *receiver* of an action earns a Karmic Response commensurate with reaction, with that being a function of both the reaction and the intention." So, if healing fails to occur as a result, it shouldn't be hard to discern why.

I don't mean to suggest it's fair to point a finger at an ill or unfortunate person as if say, "you're responsible for that!" Neither should that person feel unfairly forced to bear the blame for such a condition. The reason for physical challenges of any sort can transcend one's direct participation, and even one's present lifetime. Even so, to once again cite Dr. Wayne Dyer, there are no accidents in a perfect Universe; and all I'm saying is that we should look within to see if there is a reason for the illness or misfortune for which we need to take responsibility, and change it. Who that saw the Aleister Sim version of Dickens's *The Christmas Carol* can forget the ponderous chain Marley's ghost carried behind him? The truth is that we all carry such a chain

behind us, at least one lifetime's accumulation of the negative energy imprinted through the *Laws of Karmic Response and Responsibility*, and it is our life's healing challenge to cut it and be free.

Mr. Blume's article has much information concerning magnetic alignment that will be of benefit in our quest to understand how healing is effected on all levels – that for which there may be personal culpability and that for which there may not. As I have done in the main text, I'll summarize and add relevant comments in brackets:

The most familiar evidence of magnetism is the attractive or repulsive force observed to act between magnetic materials such as iron. More subtle effects of magnetism, however, are found in all matter. In recent times these effects have provided important clues to the atomic structure of matter. [Clearly, this reference to the subtle effects of magnetism existing in all matter, the result of a common atomic structure, should quell any doubts about magnetic alignment being a condition of existence in the human body. And the reference on p. 768 to the flow of charges concerns a property of any current carrier, including the thousands of energy meridians responsible for its transmission within us.]

Magnets tend to align themselves along lines of force called magnetic flux lines. The magnetic properties of materials are classified in a number of different ways. One classification of magnetic materials – into *diamagnetic*, *paramagnetic*, and *ferromagnetic* – is based on how the material reacts to a magnetic field. [These classifications are for matter capable of responding to a magnetic field, and any particular form of such matter will uphold one of the three properties. As we'll next see, material exhibiting either of the first two exists in accordance with either the Physical Principle or the Spiritual Principle. The third refers to a magnetic effect that is permanent rather than temporary. However, since a human being must be able to follow either the Spiritual or Physical Principle to effect a change, as well as maintain it once achieved, the human energy system must be capable of all three as befits the particular circumstance.]

Diamagnetic materials, when placed in a magnetic field, have a magnetic moment induced in them that opposes the direction of the magnetic field. This property is now understood to be a result of electric currents that are induced in individual atoms and molecules. These currents, according to Ampere's law, produce magnetic moments in opposition to the applied field. [Such materials act in accord with the Physical Principle. As was previously suggested, such an ability in a human being would make possible a spiritual magnetic alignment that could neutralize and even reverse a preexisting physical field.]

Paramagnetic behavior results when the applied magnetic field lines up all the existing magnetic moments of the individual atoms or molecules that make up the material. This results in an overall magnetic moment that adds to the magnetic field. [These materials act in accord with the Spiritual Principle. And as was also previously suggested, this ability would account for a spiritual magnetic alignment that would add to a preexisting physical field.]

A *ferromagnetic* substance is one that, like iron, retains a magnetic moment even when the external magnetic field is reduced to zero. This effect is a result of a strong interaction between the magnetic moments of the individual atoms or electrons in the magnetic substance that causes them to line up parallel to one another. [In the human energy system, this property would account for the ability to retain any additive field, positive or negative, once aligned.]

Substances are known in which the magnetic moments interact in a way that is energetically favorable for them to line up antiparallel; such materials are called *antiferromagnets*. [In the human energy system, this property would account for the ability to retain any antiparallel field, favorable or not, once aligned.]

In ordinary circumstances these ferromagnetic materials are divided into regions called *domains*; in each domain, the atomic moments are aligned parallel to one another. Separate domains have total moments that do not necessarily point in the same direction. Thus, although an ordinary piece of iron might not have an overall magnetic moment, magnetization can be induced in it by placing the iron in a magnetic field, thereby aligning the moments of all the individual domains. [In the human energy system, this accounts for the ability to take on either an additive or neutralizing alignment. The greatest good of the individual can then accommodate alternate spins apropos to the *condition of existence* in effect.]

Ferrimagnetic substances have at least two different kinds of atomic magnetic moments, which are oriented antiparallel to one another. Because the moments are of different size, a net magnetic moment remains, unlike the situation in an *antiferromagnet* where all the magnetic moments cancel out. [In other words, an individual can have both sides of karmic possibility simultaneously present, with an overall propensity for positive or negative consequence.]

Even more complex arrangements have been found in which the magnetic moments are arranged in spirals. Studies of these arrangements have provided much information on the interactions between magnetic moments in solids. [This reflects how magnetic moment, represented by the spiral in the *Quadralitic Cube*, manifests in a form equivalent to the *further levels* of the *Cube*; these allow energy spirals to exist within larger spirals, the various levels containing spin patterns different from those above or below it. The *further levels* also allow for the antiparallel domains just mentioned. As explained in *Footnote 201*, the physics of rotated frames of reference was born from the spiritual principle. Hence, microcosmic antiparallel spiritual Cubes and physical domains exist within the unified macrocosm.]

Now that we have a basic understanding of electromagnetic properties and how they could apply in a human context, let's begin to tie this into our six *conditions of existence* through quadralitic principles. For a frequency, the balance of Positive to Negative becomes *in phase* to *out of phase*. This reflects as Health/Sickness. Once you are manifesting the out of phase frequencies of Sickness, it will create a field to which other out of phase energies can align. Once aligned, waves will interfere constructively and manifest the frequency of some matter associated with sickness.

There is a correlation between phase and spin, but one that must be seen to reflect both sides of the balance of Same and Different. It would be nice if we could assume that a direct association did exist, and thus, in phase waves would consistently spin in one direction and out of phase waves would spin in the opposite. But we can see how that assumption would be erroneous just by returning to our spinning plate on p. 391. To expand upon the last essay, if you looked from the side and without depth perception at the plate spinning on top of the pole and watched the point on the plate move back and forth, you couldn't tell in which direction that plate was spinning. A movement of the point in the positive direction at the beginning of the cycle, indicative of positive phase, could be generated by a point at the rear of the plate moving clockwise or a point at the front of the plate moving counterclockwise.

Without the initial reference gained from depth of field to guide you, you couldn't tell. The conclusion we can draw from this as it applies to health and sickness is that an in phase wave at a given frequency could spin in either direction, one of which would be correct for the particular condition of existence involved and one that would not. Thus, chakras can alternate in spin and still be in phase. It is for this reason that the interconnection between harmonic and magnetic alignment is so important. When an in phase wave has shifted out of phase, its spin doesn't necessarily have to change to one that can throw the magnetic system out of balance. But as other waves align with it that have an incorrect spin, the overall effect will be incorrect.

Whenever polarity appears, an alignment of charge is involved. Charge and magnetic moment were the physical progeny of spiritual phase and spin. Thus, harmonic alignment and magnetic alignment together contribute at all times to either the cause or the effect – whether you perceive the Universe's response to our actions and intentions as coming in the form of a wave or a particle. Whatever mechanism is needed to effect *Dynamic Stability* will be available through the *Law of Universal Use*.

Let us assume that when a spiritual healing without touch is performed, as with *Johrei*, there is actually a spiritual energy being transmitted. Given that assumption, how does healing take place? Since the energy is being assumed, we will also then assume there are the phenomena of frequency, phase and spin associated with it. I say phenomena because how might we differentiate frequency in spiritual energy other than as the range appropriate to a given healing therapy? At the highest level of the Spiritual Realm, the energy of God reaches out to Infinity; but as you descend into tangibility, a limit in terms of the stated frequency one can access appears. (11) Moreover, though all spiritual frequencies sent from a place of positive intention and love would be said to be in phase, spin would be appropriate to whatever was for the individual's greatest good in terms of the *Big Picture*. It's a practical application of the p. 755 parallel between the Nash Equilibrium and the *Principle of Harmonic Alignment*. Spin thus has the ability to be flexible, in accordance with the *Izunome Principle*, and manifest in the Physical Realm as best serves the particular circumstance.

Why it can do this is clear from our previous consideration of the spinning plate. Until the third dimension provided by depth perception is taken into consideration, the actual direction of spin is undefined. In the Spiritual Realm, Phase and Spin as principles are established by the *Quadralitic Cube*, with all tangible variations being made possible through its mirror reflections – **Q** and **anti Q**. But it is their Physical Realm concepts that allow healing to occur, since it must involve charge and magnetic moment. In this way the miraculous can take place through a physical mechanism.

Thus, through karmic consequence we have attracted into our lives positive and negative energy according to the Spiritual Principle. Consider the negative energy of *anger* as an example. Its frequency would be the same as *forgiveness* but have

11 (Review Footnote 169 in its entirety for stated vs. implied frequencies and how they relate to healing core issues. In the Physical Realm, the low end of frequencies is of course limited by zero. The high end in that Realm is limited by approximately 10^{23} hertz. The limit I'm referring to for the high end in the Spiritual Realm represents the boundary between the 1st and 2nd quadralitic realms and must be thought of as having a conceptual value. What it may actually be is not only impossible to say but would also probably be determined by the spiritual attainment of the individual sending it. Surely, what Jesus could access was far beyond that of an ordinary mortal. And while many miracles have since been performed in His name, I doubt if any include self-resurrection.)

opposite phase, since they are oppositional heart energies in the *Four Pathways to Light and Truth*. Thus, the negative energy we attract through Karma aligns with it, and through constructive interference becomes stronger. As it does so, the moment associated with it becomes stronger since amplitude, or the distance from the axis of rotation, affects strength. The orientation of that magnetic moment will be whatever is associated with anger and the resulting polarity will produce a field consistent with that anger. It is here where the effects of negative harmonic alignment through Karma manifests a negative magnetic alignment through Aura. And as energy and matter transform into one another, the negative energy will transform into material sickness. It is the nature of the creating energy that determines the manifesting matter and why anger or the inability to forgive is often associated with heart disease, intimacy issues with impotence or sterility, worry with migraines, responsibility with shoulder pain, fear with ulcers, etc.

To then reverse this process, we have to attract the opposite spiritual energy through the Physical Principle. Return to our example of anger. Perhaps you've heard of someone suggesting to pray for the love of God to soften a hardened heart. Well, the tangible manifestation of anger as heart disease may have already occurred, or a person may still be early into the process. God's energy can only penetrate and have an effect as the spiritual energy that it is. Thus, from all the frequencies available, the one associated with anger will be attracted to it. This follows the same reasoning whereby the Universe's four fundamental frequencies brought order from the chaos at the Big Bang. All the energies are there; what is needed will be chosen. But to restore health from sickness, the wave must be of opposite phase to the sickness – in this case love. Thereby, nullification will occur. And as the heart becomes softened and forgiveness is let in, the energy aligned with love will become the stronger one.

At this point the patient becomes the co-healer with the doctor. You can choose if you are going to allow the transformation to a heart that forgives, or if you'd rather hold on to your anger. The Spiritual Principle is foremost, karmic consequence ensues, and the negative energy you attract through your own will counteracts the energy of God being sent. This is because though the Spiritual Principle is foremost according to the *Principle of Balance* and the *Law of Order*, the physical energy is strongest in the Physical Realm. That's why Buddha said suffering was an inevitability of being human, surmountable only through the attainment of higher consciousness, and why Jesus said it was only through Him we could overcome our own sinful nature. Left to our own devices, without spiritual intervention of some sort, we are all fallen beings, whether you care to admit it or not. No one is immune to the primal human drive to place physical wants before spiritual needs, nor its ultimate destructive end.

Throughout this process, either the exacerbation of an issue or its cure, the energy God sends to us through the Universe has the ability to be selective. The two forms of harmonic series at the beginning of the essay established this. Our bodies are composite energy systems in which there is an accumulation of force, in keeping with the mathematical harmonic series, and yet there is an individual identity that is maintained within us of all the vibrations contributing to it, in keeping with the musical harmonic series. Thus, an illness can be localized in a specific area as a specific form, and at the same time negatively influence the overall wellbeing of the affected person. In so doing, the ability to resist a different illness somewhere else is weakened. And conversely, a healing can take place in one illness without affecting another, and yet have a positive influence on the overall wellbeing of the person such that it would promote the healing of a different illness.

While it may be easy to visualize phase reversals in unhealthy tissue through vibrations of opposite phase, spin reversals may be less so. How does spin reverse? Parallel vs. antiparallel magnetic alignment. This is not like in a machine where if you engaged two gears moving in the opposite directions you'd strip them. It is more like in the nature of fluids where if water was spinning in one direction and you introduced a sufficient force in opposition, you could get the water to spin in that direction. And how does the reversing spin get introduced? If molecular dipoles do indeed serve as transmitters and receptors of healing energy, it would occur through an ability of all our cellular constituents to respond to pole reversals at the spiritual level.

Now, in case you are not sure why spiritual energies can have an impact on the physical and *visa versa*, or how, realize that all energies exist as a range of values. And while the range we can see, measure and explain in the Physical Realm is enormous, it is at the low end of Zero to Infinity (and as we'll soon discuss, only in the tangible dimensions of space-time). Just because you can't see or measure spiritual energy doesn't mean it's not there. You can't see or measure unaided a TV signal while it's flying through the air, only when you turn on the proper equipment designed to receive and display it. And you can only explain it through the technology used to create the signal at its source and to manifest it at its destination. Still, the laws of electromagnetism that govern the energy in the signal you can't see are the same as those in the picture tube you can see. And through the commonality of laws the two can interact. Spiritual energy is no different. And the fact that we can't see or measure it as it flies through the air from the palm of a sender to its recipient isn't an indication that it doesn't exist, only an acknowledgement of the limitation of our eyes and our instruments. The evidence for its effect can be found if we're truly willing to find it and aren't predisposed as to what we are looking for, and its explanation has hopefully been adequately provided herein.

There are four final questions I would like to address before closing this essay. I know there are more, but they must be left to future discussions. The reconciliation of spiritual and physical truth will be one of the greatest areas of human exploration in the 21st century, and you can be sure I'll be a part of it. To begin, imagine applying these principles to prayer! What I've shared herein is as much as I feel capable of given my own present level of awareness. With that said, the points I'll now consider are these. I've concentrated on the manifestation and cure of illness from the spiritual perspective, but on p. 761 I included misfortune with illness when referencing spiritual dis-ease. How might a spiritual healing therapy like *Johrei* have an effect on misfortune, which can manifest as an obvious hardship or accident, or through other aspects of life – finances, employment, relationships, etc? As I see it, it occurs in exactly the same way. You've heard expressions like "thoughts are things" and "you are what you think." They all come from the realization that what we manifest in our lives has its origin inside us. Bankruptcy or divorce is as much a manifestation as is cancer. Lack of self-esteem can lead to intestinal problems, as well as to socialization issues. An inability to stand up for yourself could lead to varicose veins, or a reluctance to seek a better job. Thus, if a healing therapy has the ability to transform energy inside us from a state that can produce sickness to one that can produce health, whatever that energy then is capable of manifesting will be positively affected. And in either the illness or misfortune, the choice to accept your healing is always present. Often people would rather stay in a lousy job than confront what it is inside of themselves at the core of their reluctance to leave. They keep trying to box with God and wonder why they're getting knocked out.

And the ability of our minds to connect to cosmic creative energy through the principles of harmonic and magnetic alignment as I've outlined herein is confirmed in another clue Mr. Blume has left us. He notes:

In more recent times, the development of new magnetic materials has also been important in the computer revolution. Computer memories can be fabricated using *bubble domains*. These domains are actually smaller regions of magnetization that are either parallel or antiparallel to the overall magnetization of the material. Depending on this direction, the bubble indicates either a one or a zero, thus serving as the units of the binary number system used in computers. Magnetic materials are also important constituents of tapes and disks on which data are stored. [Ibid.]

You may think that drawing this analogy between the storage of binary numbers in a computer chip and the electrochemical processes in the human computer is a stretch. But consider what positive and negative thoughts represent and decide for yourself if a comparison to parallel and antiparallel magnetic fields is warranted. The synapses through which thoughts traverse are currents with fields and thus subject to the same harmonic and magnetic aligning capabilities as any other energy meridians in the human body. Hence, while we've focused on the healing that can take place on the spiritual, emotional and physical issues in our lives, we must allow the same healing potential for mental issues.

Another question concerns things apparently beyond our control. You may ask: "How can everything be a result of our own thoughts, words and deeds; what about natural disasters, or what about inherited diseases?" I have already touched on these subjects in the main text, and will try to offer some further thoughts now. But we're talking about a level of interconnection and complexity that made the Universe possible to begin with. Only the Mind of God could totally comprehend that! I can merely suggest that the spiritual and karmic issues transcend the individual and its incarnation. For inherited diseases, who can say what issue is being transferred, or whose. How many children bear the sins of the parent, or their parent's parent's parent. The spiritual encoding of our soul preexists the physical encoding in our DNA. As far as accidents, disasters, and so on are concerned, the dynamics of the sea of energy in which we live could probably account for it all if we were capable of hearing what it's telling us. It would probably say there's a reason for everything. From the Universe's perspective, there are no accidents and everything is perfect. And just as any single person has the ability to accept or reject their healing, so does the human race, since the Universe and Humanity are co-creators in the health or sickness of the existence we manifest. *Paradise on Earth* will take our earnest and concerted effort, and it will involve letting go of our collective negative nature.

Next, one of the most important spiritual issues Humanity will need to resolve to manifest *Paradise on Earth* concerns the transmission of Soul through DNA. In particular it requires us to accept some connection between the spiritual essence of Soul that weaves through a series of lives as their common mission, and the physical personality of individual missions manifested in each life through unique DNA. As you know from *A SPIRITUAL APPENDIX* (pp. 75-88), it is my feeling that such a connection is present and thus an aspect of Soul must exist in the very first cell. Other aspects of Soul appear at and shortly following birth. Of course these are my personal opinions and I doubt they will ever find their way into our courts of law. Some question if the existence of Soul can even be proven let alone its time of arrival ascertained. Thus,

the battle over abortion probably won't ever be resolved to everyone's satisfaction. No matter where you stand morally on this issue, your feet may never rest on solid legal ground.

And I will not attempt to resolve this issue here, merely provide some food for our collective thought. I broached several issues in *A SPIRITUAL APPENDIX* re the connection between Soul and DNA (12). One is particularly relevant to think about in this context – Soul resolution. Soul as a family/ancestor experience is a spiritual precursor to its genetic experience as DNA. If ancestral Soul resolution takes place in DNA factors, how will the Soul issue be resolved if the present incarnation is aborted? And this is not just for the individual that is born, but the family that it is born into.

The final issue is closely related to this, and it is presently finding its way into the hotbed of moral contention. But unlike abortion, it is garnering within the scientific community a great deal of respectability. That is the question of scientific enhancement, or genetic engineering. At the botanical level, many scientists and politicians see it as having the possibility for eradicating world hunger. And such pursuits seem altruistically based, even if a profit motive is involved. Yet, no one knows for sure how safe it might be to eat such genetically mutated crops. But there are other forms of scientific enhancement being considered with the potential to affect humanity at the spiritual level. That is genetic engineering as a means of enhancing human potential. I spoke of this on p. 345. In its most humanitarian sense, it has the potential to eliminate disease. But to some people it can become the means of providing their children with an advantage unfairly available only to the wealthy. And to others it brings memories of attempts to do so within the confines of concentration camps – and under the watchful eye of a self-serving, autocratic society.

Genetic engineers claim what they are doing is good for the individual. They say it is cruel to force a difficult life on someone as a result of a genetic error. But they are placing their own values about what is good for someone else on individuals who have the right to make that choice for themselves. Our genetic disposition is why we have been born into the present incarnation. What does it mean to impose a difficult life on someone with a genetic error, or if it even is an error? For, what may be perceived to be a curse for someone else is in fact a blessing to those involved.

*12 (That on p. 85 concerned how, if DNA reflects Soul, the same Soul can be passed on to another person with different DNA. I proposed that the Intangible Soul contains the spiritual mission, which requires it to harmonically align with various DNA from one life to the next. I'll add here that such an ability would answer perhaps the most controversial issue separating the two Spiritual Paths, Buddhism and Christianity, next to the existence of God and Soul as each path understands them. That is the issue of reincarnation. The West in general believes that each life has a corresponding Soul, which manifests in a person at birth and upon death meets God to learn how it will spend all eternity. There are no second chances, no returning to earth to resolve past karma. If you are Christian, for instance, you get one chance to acknowledge Jesus as Son of the Father, and the rest is, as you might say, history. The East, instead, believes "the soul" began in eternity, lives on through a multiple of incarnations, and will continue to purify until it no longer needs to manifest in physical form. It then continues for eternity as a transcendent being. Now, if there is only ONE TRUTH, which is it? I suggest the two options are not mutually exclusive, and multiple incarnations of one Soul result in many separate spiritual entities that have an afterlife experience while a common karmic history transfers on through Mind. We'll expand on this in *A Soul's Journey: The Story of Life Drawn From A SPIRITUAL APPENDIX*.)*