THE THEORY OF HARMONIC CREATION

An excerpt from

Unlocking the Secret to the Riddle of the Ages

Al Leone

*Author's Note: My chief reason for preparing this series of stand-alone articles was to provide a convenient way for a reader to explore many of the core aspects of my philosophy and its governing system, Quadrality. They were chosen both for their importance as original aspects of my work and for their ability to be read and understood out of context. The following excerpt presents a teaching that is at the foundation of the Science of Quadrality. It begins an extensive study that by p. 560 will have included the Five Laws of Being and Existence, the Four Fundamental Frequencies, the Evolution of **Q** and **anti Q**, and the Three Harmonic Frames of Reference.*

To develop the construct of **Quadrality**, I first had to arrive at what I felt were the underlying Spiritual Principles in the Universe. They were listed in Figures 1a/b. For our present purposes, key among those would be Spiritual/Physical, Cyclic/Linear, Root/Duo, Expand/Contract, and Separation/Interaction. Yet even among these, contradictions or paradoxes would seem to appear; for instance, Cyclic with Separation or Linear with Contract. Confusion is erased only when each principle is understood in the context of the *Big Picture*, for which I feel my descriptions are at best, quite honestly, merely adequate. To the above we've added Light and Sound, and already a paradox has appeared when the Spiritual-Cyclic Principle of Light was used as the Linear waveform to depict the Physical Realm. Further complications arise with Perpendicular and Parallel; the first, associated on p. 355 with Light, can connote Duo-duality, or Interaction, and the second, associated with Sound, can do likewise for Root Duality, or Separation. And, as if that's not confusing enough, Parallel will soon be paired with a different principle, Series, to describe many aspects of the Creation process. Again the various applications will appear to contradict.

I believe the only way to resolve any of these paradoxes is to view them in the context of the *Principle of Behavioral Reversal*. It is the essential understanding that the terms in a duality can reverse alignment for a particular behavioral application. These reversals can then have ramifications that are quadralitic as well as dualistic. Some resulted in a reversal between the 2nd and 3rd terms in a quadrality, others between the 1st and 2nd, 3rd and 4th. The **Rules of Quadrality** govern each, but the present setting can clarify why it happens at all. In the root dualistic Spiritual Realm, the Principle of Light is Cyclic and the Principle of Sound is Linear; but in the Physical Realm, Duo-duality allows for the tangible phenomena produced from those principles to be associated with both. It's no different than the understanding scientists arrived at to resolve whether Light was a Wave or a Particle. It can be either. I've done my best to align all principles in keeping with the *Law of Order*, but reversal allows for the other option. Hopefully, though, in their governing *Rules* and *Structure* you'll find the *Truth within the Movement*. For, in all things, the perfect Universe has a way of using exactly *what it needs, where and when it needs it, and in the way that it needs it*. I mention all this now to avoid confusion once the paradox returns when the Principles of Cyclic and Linear – and their relationship to Light and Sound – are used to arrive at a new theory for the Universe's creation. It will combine the **Principle of Quadrality** and all the symbolic energetic patterns in the grids thereby generated, with the accumulated scientific speculations of the 20th century. Let's cover those next.

As I hope to show, what the Analysis of past scientific knowledge has led to through our new conceptual Synthesis is a clear understanding of how the Universe

was created. I'm not just referring to the Physical part of it. Science is still working out the details of that. I'm talking about *the Perfection* that must have preexisted it, established its *Rules* and *Structure*, from whence it came, and which it continues to draw from and reflect. Explaining that is the question Science has failed to answer, primarily because it has been forced to follow the constraints of scientific discipline. At some point you have to prove your claim. In other words, *repeat it or delete it*! Nonetheless, more and more scientists today have found their own discoveries leading them to acknowledge its existence.

I have often said I felt I had been led by some unseen hand to the source of whatever information I would need to complete this work. Such a thing occurred while I was finishing this section. For a reason I will much later refer to, I was lost for something to look at late one night. I noticed a listing in the TV Guide for a rebroadcast of the series, ***Stephen Hawking's Universe***. It had been produced in 1997 for BBC-TV, but I had never seen it. I knew this was no accident. Realizing I'd probably need it for reference, I set up my VCR to make sure I didn't miss a thing. (The three segments that night went later than even I could handle.) Fortunately, I checked the listings for the next night and saw that three more were being shown. So, I decided to tape the entire series on Channel 13, a PBS station broadcasting out of New York City. It is from the final installment, "An Answer to Everything," that I wish to share with you things I learned about the subject. (*158*) I'll present them as a series of sound bites, pretty much as did the show, and refrain from commenting until the end. It begins with Professor Hawking discussing the Big Bang:

> We have discovered that the Universe, and time itself, had a beginning 15 billion years ago. There was a cosmic explosion of energy called the Big Bang. The energy produced all the matter in the Universe, from stars and galaxies, to our own planet, and even ourselves. Yet, one question still needs an answer. How did the Big Bang begin? We need to know the laws that held at the moment of creation when the Universe sprang into existence. Are these initial laws over and above the laws that tell us how the Universe evolves? Or is there a Theory of Everything that governs the Universe at all times, and determines how it begins and develops?

The narrator then notes Einstein as having said, "I shall never believe that God plays dice with the world." He also points out the difficulty in reconciling a dual Universe – one that is both infinitely large and infinitely small.

Sidney Coleman, Harvard University, comments that:

> Physics starts out by trying to explain . . . the sort of stuff that you encounter in everyday life. And your tacit assumptions about those things and how they behave are deeply imbedded in the language of everyday speech. That's how the language of everyday speech developed.
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> . . . Now, it would be really remarkable if the concepts of everyday speech continued to be valid when we extend the Universe of study so enormously. It's only natural that as we get farther and farther from everyday experience, the theories we have to describe all this new stuff in addition to everyday experience should look less and less intuitive. Why should your intuitions have developed to be good inside a quasar? Your ancestors did not spend any time inside quasars! So, things seem to get from our earthbound viewpoint stranger and stranger.

Narrator: There are two accepted theories: the Universe is vast and expanding, and it began as a tiny point.

Fay Dowker, University of London: The foundation stones of the Universe and the matter in it are *General Relativity* and *Quantum Mechanics*. Einstein was instrumental in both. The problem is, the two theories don't fit together. He believed a unifying theory could be found, and devoted the remainder of his life to finding it. He failed.

Narrator: *Relativity* concerns the large scale Universe governed by the laws of gravity. *Quantum Mechanics* deals with subatomic particles governed by totally different forces. A complete theory would have to embrace everything from the tiniest traces to the largest galaxy. "In their effort to uncover the ultimate mystery, scientists have intuition and intellect to guide them. . . . With new technology comes new insight. Observation offers inspiration."

Hawking: In an instant, the Universe went from a single point to an enormous size.

Alan Guth, MIT: The early expansion rate was tuned exactly right between eternal expansion and eventual collapse (to the 15^{th} decimal place!) to allow galaxies to form. Too fast and none could have formed; too slow, and whatever did form would have collapsed. "To make the Universe work, the Universe had to be perched just on this borderline."

Andrei Linde, from Stanford University, asked himself as a child: "How could it happen that in different parts of the Universe expansion started simultaneously? Who gave the signal? How can I understand it?" This question eventually led him to propose the Inflation Theory – a single expanding bubble, like gas released in a vacuum. Previously, he and Guth had independently worked on an expansion theory using a series of colliding bubbles.

Hawking comments that Inflation by itself does not explain the start of the Universe. The equations break down at the Big Bang.

Coleman adds that if you run Einstein's equations backwards in time in a simplified, uniform model of the Universe, you arrive at a point of infinitely strong gravitational fields, infinitely high energy densities – a singularity.

The narrator calls the singularity "a realm beyond comprehension, where logic is replaced by chance, where matter is ruled by mere probability and scientists must resort to summing up the rolls of the dice." Subatomic particles can't be seen. Their movement can only be spoken of in terms of probabilities. "As it turns out, the uncertainties, taken together, add up to revelations altogether certain."

Coleman:

> Strange as it is, it is apparently the way the Universe works – that enables us to make predictions about all sorts of processes involving atoms or elementary particles colliding that are verifiable by experiment to amazing degrees of accuracy.

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158 "An Answer to Everything," part six of *Stephen Hawking's Universe*, © 1997, Educational Broadcasting Corporation. *(Until further notice, all the quotes and narrative comments come from this program. Thus, each point will not be separately footnoted. The person associated with each will be credited in the running text.)*

Narrator: The laws of uncertainty only make sense for the Universe as a whole at its moment of creation, not that of today, "stars and planets governed by gravity, with motions described by relativity."

Stephen Hawking and Jim Hartle showed how the Universe can be born without singularity using imaginary time, which may sound like *science fiction*, but is a well defined scientific concept that *science fiction* borrowed. Hawking notes:

> At an imaginary time the Universe has no boundary, no beginning nor end. It just curls round on itself like the surface of the Earth.
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> . . . We don't have to explain its creation. The Universe simply exists. But the consequences of the no boundary proposal cannot be worked out fully without a complete *Quantum Theory of Gravity* that will unite *General Relativity* and *Quantum Mechanics*.

Lee Smolin, a cosmologist from Pennsylvania State University feels the Universe chose its parameters. How does the world of improbable structure evolve out of the Big Bang?

Narrator: Imagine the Universe is a product of the same evolutionary processes that gave life to us.

Smolin: The spirals on sea shells, or stripes on an animal's coat, are akin to the spiral structures of Galaxies. It is a Darwinian-like concept in that a complex system can organize itself over time. "But the idea that maybe the Universe as a whole organized itself by some natural process makes one feel more at home."

Following his Inflation Theory, Linde then proposed the Theory of the Self-reproducing Universe. Inflation produced a multitude of Universes, each with its own Big Bang, each seeding others indefinitely.

Narrator: A new theory, bordering on mysticism, has recently been developed called the *Superstring Theory* – that the Universe is strewn with minute strands of space-time.

Michio Kaku, from the City College of New York – and one of its proponents – notes these strings are one hundred-billion-billion times smaller than a proton. The Universe itself at one time was the size of a string. When these strings move, they vibrate. Each note of this vibrating string corresponds to a particle. Our own bodies are symphonies of vibrating strings. When they move, they force the space around them to curl up and bend, just as Einstein predicted. Force and matter aren't a dichotomy. They are merely vibrations of the same string.

Narrator: "String Theory, at its heart, is a search for perfection, to conjure a vision of creation of consummate order and purity of form."

Kaku: "We believe that at the instant of the Big Bang there was perfect symmetry. The only theory which gives us this perfect symmetry is the *Superstring Theory*."

The narrator then points out: "A theory by definition must venture some predictions that will ultimately be put to the test of reality."

Edward Witten, from the Institute for Advanced study, and foremost developer of the *Superstring Theory* continues:

> We've come to understand that those five theories we've been studying are all limiting cases of one bigger picture. In the last couple of years, the picture has really changed through something which is called Duality. Duality is

> a relationship between two different theories, which isn't obvious. If it's obvious, you don't dignify it by the name Duality.
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> So, we have different pictures, and it's not that one is correct and the other one isn't correct. One is more useful for answering one set of questions and the other is more useful for answering another set of questions. The power of the theory comes largely from the understanding that these different points of view, which sound like they're about different Universes, actually work together describing one model.

The question as to which of these five theories is correct, if it even does boil down to one, could be answered within the next ten years. The narrator notes that Neil Turok, from Cambridge University, will soon be sending up the *Planck Explorer*, a satellite to map the Universe's past: temperature variations in the sky from billions of centuries ago – the signature of creation. Hawking concludes:

> It could mean that in a few years we will have a complete theory that is confirmed by experiment. It would be a remarkable achievement, perhaps the ultimate triumph of science. But knowing how the Universe works is not enough to tell us why it exists. To find the answer to that question would be to know the mind of God!

So, theories concerning the Universe abound. Edward Witten mentions five, but I believe this was a reference to string theories alone. I say that based on my later research into the subject; the program wasn't clear on this. It seemed to me like more than five theories were discussed. In fact, there was an early theory, called the *Steady State Theory*, that wasn't even mentioned in this installment. (*159*) Despite that, Witten's point concerning the quest to find the bigger picture in which all other theories are reflections, had me smiling. As I listened to the program, all the theories I'd encountered could be understood in the symbolic context of the *Quadralitic Cube*. Ours is a dual Universe, infinitely large and infinitely small, but one that extends beyond the understanding of the comparable laws, *General Relativity* and *Quantum Mechanics*. It is one where the balance between Intuition and Reasoning, Imagination and Observation, Probability and Certainty must also be considered. To do that, you have to go beyond Physical Duality. And another smile came as I acknowledged Sidney Coleman's speculation on the relationship between everyday speech and the theoretical Universe; although, as I believe the *Quadralitic Grids* have shown, the parallels become more intuitive, not less. Even so, what constitutes language itself is

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159 (It was discussed in Part Two, "The Big Bang." That show explained how the Steady State Theory *was proposed by Fred Hoyle. It states that as the Universe expands, new matter is created continuously. A Big Bang wasn't needed. The Universe is endlessly expanding, but stays the same in overall properties for all time. It's grand in its architectural sweep, and doesn't ever change in its large scale structure.*

However, the Steady State Theory *offers no accounting for how matter was first created, and isn't actively pursued today. Still, there is something at its heart that I find particularly appealing – the idea that the Universe is self-generating. It creates the matter it needs to grow and does so within the context of a never-changing structure. This would appear to contradict the* Big Bang Theory*, which proposes all the matter in the Universe came from that initial action. I think you will soon see how the* Quadralitic Grids *allow for both possibilities to coexist, once the realm of the Intangible is included in the process.)*

relative; and some say Mathematics is the language of the Universe. Then, intuition could become lost in the sea of its logically applied formulas.

But it was the last theory discussed, the *Superstring Theory*, to which I could especially relate. It wasn't necessary for me to know the physics this theory was applying, or that of any of the others, for that matter. The acknowledgement of an underlying principle of vibration within all matter that allowed for a creation of consummate order and purity of form couldn't be overlooked. Moreover, there was a recognition of the relationship between the function of a particle and its vibration. But, to say the *Superstring Theory* is the only one to provide perfect symmetry is now incorrect re the *Big Picture*, although Michio Kaku obviously couldn't realize that.

It was Professor Hawking's final comments, though, that sent chills through me. To know how the Universe works would be the ultimate triumph of Science. Yet, to know why the Universe exists would be to know the mind of God! I have several times made reference to the Universe starting as a thought in the Consciousness of God. Why He did it may forever remain hidden behind the Veil. (And I'll share some personal thoughts on it with you later.) He already was Spiritual Perfection. Perhaps it was the only way He could achieve in Actuality, through the Universe's creation, Physical Perfection. But regardless of why He did it, let's now explore how.

While I feel that the evidence for it may already, or soon, exist, quite possibly the theory I'll propose will never be proven. So, it may never be able to fulfill the previously noted requirement for one. But, I will call this a theory, nonetheless. After all, it took many years to prove all of Einstein's *Theories of Relativity*. (*160*) Yet eventually, scientists did. Hence, I'll withhold nothing from the *realm of 21st century possibility*, including a proof for this. Let's call it the **Theory of Harmonic Creation**. Simply stated, it is: *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*.

Before I begin this rather long section on the **Theory of Harmonic Creation**, I must address those of my readers who are familiar with the study of Sympathetic Vibratory Physics (SVP) or the Genero-Radiative Concept (GRC). And to the vast majority of readers who aren't, what I'm about to say will likewise be relevant and illuminating. To the best of my limited knowledge of them, SVP was developed in the late 19th century by John W. Keely, and the GRC early in the 20th by Walter Russell, in an effort to unite Philosophy and Science into an understanding of the true energetic nature of the Universe. Philosophically rooted in Hermetic principles, the concepts drew largely on vibratory phenomena and *Sacred Geometry* – like the Fibonacci series I mentioned earlier – as well as traditional sciences. Both were truly breakthrough works, what some may even consider divinely inspired. And though largely ignored by the scientific establishment and not publicly recognized, it is thought that perhaps a few of its more visionary leaders may have borrowed their ideas.

I need to speak of this here only because I'm sure anyone with a knowledge of either has noticed parallels at the conceptual level that in some respects may appear astounding if coincidental, enough that one may think I had likewise taken creative liberties. I could certainly understand that after having read Keely's laws of *Harmonic*

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160 (Einstein differentiated between the experience that is the source of knowledge, and the intuitive premise not based in experiment from which scientific theories were born. So, I have a feeling Professor Einstein would have enjoyed reading mine.)

Vibrations and *Sympathetic Oscillations*, or seen Russell's *Cubic Wave Field*, and then thought of my *Principle of Harmonic Alignment*, or the *Quadralitic Cube*. In fact, such individuals may have wondered why I didn't bring it up earlier; though, if they were truly discerning, they'd have seen the similarities were more in the Spiritual substance of the Truth being referenced than the Physical form derived to do so. Still, the real reason I'm writing about it now is because I only became aware of them when I was nearly done with the rewrites on this section – among the last in the entire book! Thus, it is being added to work I've finished, nearly half of which you've yet to read. I had no knowledge of their efforts prior to the completion of mine, and I feel the only reason my Divine Source wanted me to be aware of it at all was so I could include it in the *Second Digital Edition*. The chance meeting in March, 2002, of an acquaintance I hadn't spoken to in several years, who upon hearing of my book asked if I was familiar with Walter Russell, is so totally serendipitous as to leave even me gasping. So, whether or not you choose to believe this does not matter to me. For, I know the truth in what I have told you. And I actually encourage readers unfamiliar with Keely or Russell, and who have found my work of interest or benefit, to search the Internet for a night as I did and see what theirs might offer.

Of course, the parallels I'm noting are only a small part of the *Big Picture* I've explored and depicted throughout this. ***The Totality Of God*** philosophy and all it contains – including the **Theory of Harmonic Creation** and its energetic paradigm, the *Quadralitic Cube* – is my personal vision, herein presented with a sincere desire to help unite all religions and sciences for a common purpose: to make the world a better place. And I must also note with admiration that a similar altruistic dream was shared by John Keely and Walter Russell. Around 1870, an organization called the **Twilight Club** was formed to deal with the growing neglect of culture, beauty and ethics in the society of the time. I learned of it while researching Mr. Russell, for, he joined it in 1895 at the age of 24 and later served for seven years as president of a branch, the Society of Arts and Science. I actually feel somewhat of a kinship with the founder of the **Twilight Club**, Herbert Spencer, since he believed the poets, visionary thinkers, and artists of the world would have the solution to the world's problems, which political leaders had failed to resolve. (As you know, this is the belief that had spurred Kenny Simmons and I to inaugurate *The One Spirit Concert Series*.) And today the **Twilight Club** still carries on as

> an ethical movement dedicated to the realization of this universal purpose of human life, to pursue happiness and fulfillment through the creation of ever-increasing balance and harmony within and among people, and thereby to achieve the balanced evolution of humanity, individually and as a whole.
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> [http://www.twilightclub.org/future_all.html]

The fact that there are parallels between my work and that of Keely, Russell, or any others, shouldn't surprise you any more than the parallels to *Taoism*, *Cabalism*, or *Classical* and *Quantum Physics*, which likewise exist in some symbolic form within it. In fact, it points to the degree to which I've actually accomplished my purpose.

Early on I mentioned that thoughts are vibrations in infinite consciousness, and that often I had received a frequency tuned into by someone before me. That was written four years ago. I also later said that knowledge of such prior reception would actually serve to validate my own work. But it wasn't until now, as I prepare to finally

present this to you, that I became cognizant of just how powerful such a confirmation could be. Of course my work bears similarities to SVP, the GRC, and all the others just mentioned, and I feel also many I've yet to know! When a person seeks to know the truth, there is only *One Source* to which they can go, if it is truly *The Truth* they seek. I don't claim any religion, science, group, or individual to be in sole possession of *The Truth*, no matter how powerful, purposeful, or encompassing their particular version might be, and that includes myself. We all merely share in it. Were any of us to know or have it all, there'd be no reason to continue the quest – and thus would be lost the very juice of life! All I've hoped to do is provide a framework whereby we can all learn from each other. To quote myself, "to fail to see the gift in another person's vision, and make use of it, would be foolish." And as the renowned detective Sherlock Holmes once noted, "mediocrity knows nothing higher than itself, but talent instantly recognizes genius." [Quote found at: http://www.sherylfranklin.com/sherlock.html] So, I don't feel it diminishes my vision to acknowledge those of John W. Keely and Walter Russell. With that said, let's now give God a chance to speak.

The generation of the *Quadralitic Grids* began with a word, Father. It was from the energy of that initial word that all others were created. Thus, you may simply refer to it as *the Word of Creation*. An immediate parallel to the use of that principle in the Holy Bible can be seen. God simply uttered, and the world was then created. "And God said Let there be light; and there was light." (Genesis 1:3) The Bible says that as God continued to speak, more and more aspects of creation came into existence. And to me it seems those aspects hint at transitions through new realms. But, all it took was a single utterance from God to set the process in motion.

Eastern philosophies have a name for that word – the sound of creation – AUM. It is often referred to as OM. But at the very end of ***The Power of Myth***, an interview conducted with Bill Moyers for PBS, noted author and teacher Joseph Campbell (*161*) explained how that word, as AUM, expresses creation's true mystery:

> "AUM" is a word that represents to our ears that sound of the energy of the Universe of which all things are manifestations. (AUM – it's a wonderful word. It's written A-U-M.) You start in the back of the mouth "ahh," and then "oo," you fill the mouth, and "mm" closes the mouth. When you pronounce this properly, all vowel sounds are included in the pronunciation. AUM. Consonants are here regarded simply as interruptions of the essential vowel sound. All words are thus fragments of AUM, just as all images are fragments of the Form of forms (of this thing of which all things are just reflections). AUM is a symbolic sound that puts you in touch with the resounding being that is the Universe. If you heard some of the recordings of Tibetan monks chanting AUM, you would know what the word means, all right. That's the AUM of being in the world. To be in touch with that and to get the sense of that is the peak experience of all. (*163*)

Without considering the sound of a word for a moment, let's just examine what any word contains. Obviously, when someone writes or speaks, they have chosen their words to convey information to the reader or listener. However, within each word is something deeper, something apart from the information. That is its meaning. (*164*)

Categorizing the use of language into two forms, that which is written or that which is spoken, presents us with the ability to understand the separation in the

bodily senses used to receive that information – our eyes or our ears. Continuing with this train of thought, in terms of the *Big Picture* those forms then can be categorized according to the two Principles we've associated with waves – Light and Sound. I say Principles because before any physical concepts of light or sound existed, there existed the Spiritual Principles of Light and Sound. And prior to even those two Principles, at the highest intangible energetic level possible there existed only one Principle, that which I called Spiritual – the Principle from which it all began.

At the highest intangible level, there is no differentiation within that word – no Spiritual *and* Physical – only Spiritual, just as there is no differentiation in the *Holy Trinity*, or *Holy Quadrality*. It is all the same, all just "God," ready to manifest as an infinite range of potential variations. Consider once again light and sound. We know that sound requires a medium while light doesn't, and that some of the operational *regulations* for sound are the reverse of those for light. But, the *rules* are the same. Each is governed by the law $f = v/\lambda$. In the physical world, light and sound exist at the extreme ends of the frequency spectrum, from 10^{23} to zero hertz according to *Bookshelf*, corresponding to wavelengths of 10^{-13} cm. to infinity. Speeds go from zero to the speed of light, the limit in the Physical Realm. However, in the Spiritual Realm there are no limits imposed on speed. And as was mentioned in *Footnote 144*, for all the frequencies of Intangibility, as speed goes to infinity, so do their wavelengths. Once infinity is reached at the highest level of the Spiritual Realm, frequencies have meaning only as a potential. Thus, at that level there is no differentiation between Light and Sound. As with God, they are the same, ready to become variations of the *Infinite Vibration*. And as I earlier showed, even the Principles of Cyclic and Linear, which they reflect, have no differentiation until the *Tangible Spiritual Realm*. (*165*)

So, the Root Physical Realm only came into existence with the utterance by God of that creating word, AUM. Prior to that, all that existed were the *Rules*, all that existed was the *Structure* – and the intangible energy with which to make everything else happen. Before that utterance, there was only a thought in the Consciousness of God, a desire to find physical fulfillment through something that was a mere potential

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161 (Encarta notes that Campbell was known for his writings on myths. While studying in Europe, his encounters led to the "theory that all myths and epics are linked in that they are cultural manifestations of the universal need of the human psyche to explain social, cosmological, and spiritual realities." (162) It was the acknowledgement of just such a common link, and need, that first led me to discern the Four Pathways to Light and Truth, and then develop a comprehensive chart to illustrate them. As you know, I believed – and have since shown how – the very planet on which we live supplied the energy for those links, as well as for the need to inquire into the realities they represent.)

162 "Campbell, Joseph," Microsoft® Encarta® 98 Encyclopedia. © 1993-1997, Microsoft Corporation.

163 Joseph Campbell, with Bill Moyers, *The Power of Myth* (New York: Anchor Books, Doubleday, 1991), p. 286. *(The portions of the quotation in parentheses were in the video version of the interview, but were edited from the book version being referenced.)*

164 (Meaning is one of those words that easily appears in a diversity of energetic balances. When balanced with Symbolism, it takes on a Physical nature; but in balance with Information, it takes on a Spiritual nature. Thus, it can also appear with them as the energetic center in a linear triunity.)

prior to it – the Tangible Universe. Why did God do it then? "Then" is meaningless "prior to" the existence of Time, as is "there" for Space. But the occurrence was inevitable. Purely from the perspective of the nature of being Everything, you can't have the highest energy without having the lowest. That's what the essence of Infinite Balance is in the *Principle of Balance*. But as far as the motive for creation is concerned, whether it be for the survival of an extant species on Earth or the manifestation of a new one in Heaven, isn't there a desire in the creator of anything to find, somehow, physical immortality through the created?

The very first thing that had to be done was for God to take the Everything that He was – Spiritual – and separate it into two different things – Spiritual and Physical. That was the creation of Root Duality and the *Principle of Separation*. Then, God had to give those two separate things a way to work together. Thus, He created Duo-duality and the *Principle of Interaction*. And still, all of this happened "before" the very first word was physically spoken. It occurred through the very Intention of God to do such a thing. In that process, a Veil was formed between the spiritual Creator and the physically created, since, there would always be a *finity* to physical infinity. Nonetheless, for the Infinite Intangible Energy to transfer through to the Physical Realm on the other side of the Veil, a tear in that Veil had to be made. And it was Intention, the power of Will, that then moved the Soul of God from the Spiritual Realm. It was the tiniest tear imaginable, what scientists would call a singularity. (Sound familiar?) Yet, it was big enough to then allow intangible energy, which needs no space at all, to transfer into the newly created Root Physical Realm to become tangible energy. And the Wisdom of God was so profound that just the right amount of energy would be released. Too much and Order could never have formed out of Chaos; too little and the Order, once established, would have collapsed. It was the first physical manifestation of the *Izunome Principle* – perfect balance.

So, with the Intentionality of Creation, that tear in the Veil was made. And all the Spiritual *Rules* and Physical *Structures* were copied from Intangibility to Tangibility; though, from the perspective of anyone who could have observed it, that was occurring between the *Intangible* and *Tangible Spiritual Realms* of God's new creation. With the Intentionality of Creation realized, God spoke the Word of Creation – Father – AUM. And the Unity that word represented became its Duality of Principles – Meaning and Information – Wisdom and Understanding – Light and Sound! With Light the Veil was opened, with Sound it was closed; and so was created in Tangibility all the harmonics and all the frequencies.

God first intended the Word of Creation, and then He spoke it; and the singularity from which it came exploded in an enormous Big Bang. And with that explosion came the tangible manifestation of its two contained concepts, light and sound. It was an explosion that could be seen, and an explosion that could be heard. (For those scientists among you, I'm using a bit of poetic license here. We'll discuss possible "real" conditions later.) But, as anyone who has ever been witness to a thunderstorm knows, in the Physical Realm, light precedes sound. Thus, in the context of their relationship to the *Quadralitic Grids*, Light – *the Meaning* in the Word

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165 (And curiously, that sameness seems to hold into the Physical Realm in more ways than just its rules. There are also aspects of their behavior that are strikingly similar. Earlier, we compared the Intensity *of Sound with* Loudness *and found a relationship to Objectivity and Subjectivity that was distance-dependent. A similar relationship exists for Light between* Luminosity*, or actual light, and* Brightness*, or apparent light.)*

of Creation – established the boundaries, Root Duality, through Expansion. And once those were in place, Sound – *the Information* in the Word of Creation – set everything within those boundaries, Duo-duality, into motion through Contraction. Again, first intangibly, then tangibly. (*166*) A way to visualize this in 3-D would be to combine the "concentric spheres" and "2-D waveform" examples from p. 392. In the latter, the extension of waveform halves was used to show a point of maximum physical density at the center of the span between two points of maximum spiritual density.

The phrase "with Light the Veil was opened, with Sound it was closed" has been applied to represent the essential relationship that Light and Sound have to Expansion and Contraction, the Universe's creating principles of movement. But, light and sound have a relationship to both the macrocosm and the microcosm, as we'll clearly show later through time and space. Time – Light – in the microcosm is the Zero Moment; in the macrocosm, it's Eternity. Space – Sound – in the microcosm is the Singularity; in the macrocosm, it's Infinity. Now, we've already seen some behavioral paradoxes that Light and Sound apparently exhibit, most notably in their relationship to cyclic and linear as applied to the Spiritual and Physical Realms. I promised in *Footnote 153* how another – light slowing down from infinite non-density and sound speeding up from infinite density – would actually make sense in the context of the **Theory of Harmonic Creation**. The cognition of their duality should provide clarity for all. Through microcosm and macrocosm, Light and Sound similarly have a dualistic relationship to non-density and density, though the essential relationship is Light with the former and Sound with the latter. Thus, when we later credit Light as emanating from the infinitely dense microcosmic point to establish the likewise infinitely dense macrocosmic structure in which Sound will vibrate, the paradox is also only apparent.

Wisdom has often been associated with physical light. Clever ways have been found to analogize it. Oprah Winfrey, internationally renowned television personality, actress, author and humanitarian, refers to moments of awakening as "light bulb moments." Likewise, sound can often be found used in the context of Understanding. If someone wants to know your opinion on something, they might ask, "How does that sound to you?" Thus, this relationship of Intangible Principle to Tangible Concept has been established. And whatever has happened in the Physical Realm is a reflection of something that has already happened in the Spiritual. So, as with their related wave phenomena, the Wisdom of Light travels faster than the Understanding of Sound. Moreover, light doesn't need a medium; sound does. Before a fundamental can be produced by inducing motion at the center of vibration, the object to be acted upon must be already in place. This physical concept is the reflection of its Spiritual Principle. In going first, Light creates the *Structure*, the meaning in the Universe. Sound then sets the structure into harmonic vibration, providing it with information. And all this is done according to preexisting *Rules*. At the speed of Spiritual infinity there is no differentiation in the two; and as we saw, both Light and Sound contribute to the structure as well as its eventual ability to generate harmonizing frequencies. Yet, at the symbolic level, the structure initiated by the Principle of Light has provided the resonant medium needed for the Principle of Sound. (*Text continues on p. 411*.)

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*166 Important. This is being written as a footnote, a rather lengthy one, I might add, so as not to disrupt the flow of the more philosophical main text. Nonetheless, it will be extremely helpful in clarifying the **Theory of Harmonic Creation**. Although I first associated a name with this new theory on p. 399, I've been developing it all along. So, it may be useful in particular to review Footnote 144, p. 360, the above examples from 392, as well as the pyramid example from p. 393.*

(I've somewhat oversimplified the process of creation for ease in presentation. The full details aren't that difficult to understand given the room and opportunity for an ample explanation, both of which this footnote provides. The Veil is a figure of speech used to found the boundary between God and God's creation. But, where it might be and in what form it appears is as much a dynamic process as is the creation of the Universe, since there are concurrent and consecutive events involved, which alter the ideological configuration.

Before there is even an Intangible Spiritual Realm*, there is God. It is the fifth state of the* Tetragrammaton *in the* Cabala*, and the Veil is the hypothetical condition that must exist to differentiate that which defies definition from that which doesn't. For God – Unity – to then create the* Intangible Spiritual Realm*, involves a process with dualistic entities. Spiritual expands and Physical contracts. Spiritual creates the Actuality of* Rules *and* Structure *everywhere in Intangibility; Physical creates the Potential for any point somewhere in it. This is all in accordance with the creation of the principles of Light and Sound in the* Root Spiritual Realm*. Light opens the Veil leading from God to God's creation, allowing God to fill up the newly created* Intangible Spiritual Realm*, and Sound closes it behind. Once God's Light has filled the* Intangible Spiritual Realm*, the Veil has now moved to become the boundary between it and those that will follow. This Spiritual manifestation of the Veil will forever remain in place to set the upper limit of the* Physical Model*. [Friedman implied the Veil as being between Water and Air in the* Tetragrammaton *[[Point F]], thereby establishing the separation of Root Realms.* In doing so its placement corresponds to that in Figure 14*, the* Tree of Life*, between the Supernal triad and the two that follow. This indicates to me that even in the Cabala the Veil's location is dynamic, dependent on the Truth of God it is meant to uphold.]*

From the consecutive perspective, the next realm to be manifest is the Intangible Physical Realm*. Now, Physical expands and Spiritual contracts. The expansion of Sound manifests the Potential for an infinite material Universe, or the* Fuel *of creation, while the contraction of Light manifests the Actuality of infinite energy at any given point in it, or the* Spark *of creation. [Of course, this is all still in an intangible sense.]*

From the concurrent perspective, the Tangible Spiritual Realm *is created in Potential with the* Intangible Spiritual Realm*. Thus,* Spiritual Expansion *and* Physical Contraction*, through the concepts of Light and Sound in the* Root Physical Realm*, have created the* Rules *and* Structure *everywhere in Tangibility, as well as at any point somewhere in it. Again, Light opens the Veil and Sound closes it; but, concurrent with that in the Spiritual Realm, this Physical manifestation of the Veil has now moved between the* Tangible Spiritual *and* Physical Realms*. It will forever remain in place to set the lower limit of the* Spiritual Model*.*

To return to the consecutive view, it is only the Tangible Physical Realm *in which Time and Space have meaning. Thus, the* Law of Order *takes on its full impact through the linearity of tangible procreation. Again, Physical expands and Spiritual contracts. The expansion of Sound manifests the infinite* Fuel *of procreation and the contraction of Light manifests the infinite* Spark *required to ignite it. This is occurring at Zero Moment – the Big Bang. You may question how an infinity of Tangibility can suddenly appear out of nowhere. But, if you return to the concurrent perspective you'll realize that all the potential intangible material is already in place in the* Intangible Physical Realm*. So, what is initiated at Zero Moment is the transformation of infinite Intangibility into infinite Tangibility with the first tangible spark. The concept of Sound pervades the Macrocosm while the concept of Light ignites the Microcosm, and the progression of Tangibility from Zero Moment onward then comes under the guidance of the additional Spiritual Laws to follow in the main text. And we'll later see how sound and light, as Macrocosm and Microcosm, truly model the conditions in the Universe for perhaps its first 300,000 years.*

The quest for Tangibility in the Physical Realm is a quadralitic process. You'll recall there are two Creation phases *and two* Manifestation phases *involved. Thus, there are*

actually two aspects of Spiritual Expansion and Physical Contraction, as well as Physical Expansion and Spiritual Contraction, one in each tangible quadralitic realm. So, what I am offering here is still a simplification geared to help you understand the process, which will be clarified near the end of this presentation on the ***Theory of Harmonic Creation****. Nonetheless, a sense of the Big Picture can be obtained through the current description.*

To continue it, at Zero Moment the Spark ignites the Fuel, and matter and antimatter clash as the material forms of Positive and Negative manifest from Spiritual and Physical. An explosion occurs and the tangible waves associated with the concepts of light and sound come into being. As the Physical Realm continues to manifest and Physical expands from the point of singularity, Spiritual contracts. The former makes possible the procreation of infinite existence. The latter insures it through the continuation of the microcosm as Order returns from the initial Chaos of the explosion. The initial instant was so intense that the known laws of Physics didn't hold. So, when Order overcame Chaos it established the underlying principle for all the physical laws in the Universe. [However, in the Physical Realm there are times when Chaos can still overtake Order. For example, it occurs in waves of all sorts when the conditions imposed by physical limitations aren't met, as in sound waves from an explosion, or water waves at irregular boundaries. And the Universe considered in its entirety as an entropic system is one, by definition, of disorder – or Chaos. Still, all Chaos occurs within Universal Rules, which allow it to happen as the necessary balance to Order. These are the Laws of Being and Existence, summarized later.]

The Big Bang was an act of Chaos. Yet, in a way suggestive of Linde's Self-reproducing Theory, it seems to be an act that has been modeled in reverse countless times – in the catastrophic gravitational collapse known as the Black Hole. The matter that came from Chaos also returns to it. It is in that point of singularity, where volume goes to zero as density goes to infinity, that the known laws of Physics break down. And while not of the same magnitude, or in the same direction, both the Big Bang and the Black Hole have contained them – the first at matter's beginning and the second at its end!

Black Holes were only discovered when scientists began to explore why certain stars seemed to be emitting radio waves – something stars shouldn't be doing. They eventually discovered they weren't looking at real stars but light anomalies, which they called Quasars – a contraction for quasi-stellar radio sources. The fifth installment of ***Stephen Hawking's Universe****, called "Black Holes and Beyond," brings up some particularly interesting points in discussing Quasars and their relationship to Black Holes. As these scientists continued to examine the phenomenon, one associated with an unusually bright light, they began to realize the blackness that seemed to exist at the center, and around which the light appeared, wasn't just nothing. It was a mass perhaps a billion times that of our Sun, with gravity so great it engulfed everything around it, including light. The light being emitted was actually a radiation produced from this process as the matter consumed by the Black Hole heats up. Thus, the Quasar and the Black Hole seemed intrinsically connected.*

The discussion caused me to see some remarkable symbolic parallels. Quasars are enormous amounts of light, emanating from unsurpassable darkness. And they shine in a direction perpendicular to the disc of the galaxy containing the corresponding Black Hole. Quasars have been detected at the center of many galaxies; and, one may even be at the center of ours, where evidence has been found for an accompanying Black Hole that's huge yet comparatively small enough to keep the Milky Way from being consumed. Still, a great deal of mass does get sucked into Black Holes, the outcome of which scientists aren't sure. I'll offer my thoughts on its spiritual relevance in the main text. But, what I find especially curious in this physical context is how the descriptions provided on the phenomenon reflect an aspect of Classical Physics that came up early in our journey. The motion of spiral

galaxies itself is modeling the pressure differential and boundary conditions of fluid dynamics – like the water that goes down a drain. But that would seem to imply the matter entering the Black Hole is going somewhere – and in a form that complies with the pressure differential. [The return flow would be in accord with the Spiritual Law of Creation*, upcoming.] I believe that the observable physical phenomenon and its spiritual relevance are connected, and that the behavior of a Black Hole would seem to substantiate the spiritual premise I'll present. After all, Physical reflects Spiritual. And as I'll explain, it is to a place where Spiritual is the energizing power that the matter is actually going. Professor Hawking believes the Uncertainty Principle governing the movement of electrons would allow particles to go faster than the speed of light given the right conditions, which Black Holes might be providing. Particles may be escaping from Black Holes as a radiation travelling faster than light, and thus in contradiction to the known laws of Physics. Hence, the radiation would be random and lack the ability to tell us anything about what went in; i.e., whatever information the matter contained would become lost in the Black Hole. However, from my perspective,* information *is only the physical half of what the matter contains. And what remains will be the only important part in the realm where it will be going – its* meaning*! I realize the neck I'll once again be sticking out in suggesting this will provide an inviting target. Yet, at the end of "Black Holes and Beyond," Seth Shostak from the SETI Institute notes that "today's unthinkable is tomorrow's convention." [Theorists have since shown how superstrings might encode all the information about what went into a black hole. This would not only resolve Hawking's paradox, but offer the mechanism for the energy exchange between realms I'll soon propose in my battery analogy.]*

Still, I must acknowledge that in using the Quadralitic Cube *as a visual aid for this process, there may be a problem dealing with a diagram that looks like it has dimensions, and a variation in densities based on locations in the* Cube*. To some extent that holds, since the Universe has dimensions and density variations on a scale that is difficult to fathom. But, despite obvious variations in* what *is found* where*, all celestial phenomena are fairly consistent and distributed throughout the Universe. So the question then becomes, as Linde queried, how does it appear that it is happening in different parts of the Universe all at once? I mean, there may have been one Big Bang initiated within a singularity, but stars and all other celestial bodies are everywhere.* There isn't just one big Sun*.*

The entire process can be framed in the context of higher harmonics, and in grasping the nature of infinity. It allows for the infinitely large to coexist with the infinitely small. Begin by realizing what the Quadralitic Grids*, and the eventual* Cube*, are. They're the* paradigm *for energetic evolution, and so are not meant to be taken as real. The initial act of* Spiritual Expansion *and* Physical Contraction *– the* First Harmonic *– establishes the macrocosmic* prototype *for the entire Universe – the infinitely large. But infinity is occurring in two directions, externally and internally. Thus, the creation of the higher harmonics can be considered a spiritual contraction. (167) Each harmonic is a reverberation of the initial macrocosmic* prototype*. Infinite spiritual contraction follows infinite spiritual expansion, and that prototype, now microcosmic, is established at every point – the infinitely small.* We're talking about one paradigm with Rules and Structure applicable everywhere – the horizontal macrocosmic – and that are anywhere totally contained – the vertical microcosmic*.*

Thus, the construct *of* ***Quadrality*** *has created the* paradigm *of the* Quadralitic Cube *as its perfection. However, the perfect* paradigm *must then adapt to the laws of the physical Universe, the forces and elements available, and the means of creating and combining them to form celestial bodies. But, no matter where it happens, the process is following the original* paradigm*, established at the very beginning. This is why phenomena in the Universe are so consistently found throughout it. The theories that have been developed up to this point are all relevant and all have their place in the* Big Picture*. As I said earlier, the*

Universe uses what it needs, where and when it needs it, and in the way – or exactly how – it needs it. [Note: the why and who are on the spiritual side of the Balancing Center, while where and when – Time and Space – encompass both sides!] The paradigm for a construct should be as general as possible to apply in as many specific cases as possible. This can only be effected at the symbolic level. Once you attempt to formulate a mathematical theory for a tangible experience, you start to deal with specifics. All the theories being considered, including the Superstring Theory, are specifics since they are dealing with tangible explanations. But that's not how the Universe began. Before there ever was a Big Bang, there had to be an intangible game plan to follow. That's the blueprint; and from that the paradigm of the Quadralitic Cube was made. As good as the Superstring Theory might turn out to be – and as I said it may have real merit in helping to explain the transition from the Intangible Physical Realm to the Tangible Physical Realm – it is still a physical concept of a previous spiritual principle. [It is in fact so complex that it needs at least ten dimensions to resolve all its parameters.] As Edward Witten said, there should be one model in the context of which all the different points of view can work together.

So, the entire Universe as a whole contains these Rules and their Structure. And so does each individual point within it – each part. Thus: If any point on the Quadralitic Grids can be associated with the Actuality of a particular state of Tangibility, any point in the Universe has the potentiality to exhibit it and its individual purpose. That's the ***Principle of Spiritual Analysis****. Furthermore: Individual points on the Grids have the ability to work together – to connect their states of Tangibility to each other to accomplish some collective purpose. That's the* ***Principle of Spiritual Synthesis****. They do so by harmonically aligning their natural and applied frequencies of vibration. That occurs through the* ***Principle of Harmonic Alignment****, the tangible counterpart to the* ***Law of Order*** *– the second of Mokichi Okada's two principles fundamental to the development of the Rules of Quadrality! What is more, these states and purposes of Tangibility can change over time, in accord with both Spiritual and Physical Laws. Thus, Spiritual change can occur in an instant. An act of human will is such a case. And its physical manifestation can occur almost as quickly in, say, a change of attitude or activity. Yet, some physical changes must occur over great periods of time. For instance, the Universe may have the intention to create a new star, but it will then take millions of years to manifest it. (168)*

For a human being, or any being, to function as a unified whole, all its separate points must align for the common purpose it has chosen, or been given. When some of its points are out of alignment, negative physical states or conditions occur, leading to stress, anxiety, anger, etc., as well as illness. Spiritual healing therapies, most specifically ***Johrei****, work at the highest spiritual vibration to clear away whatever the energetic blocks are that are preventing all the points within the individual from being in alignment with its greatest good. To do this, the individual must also find itself in alignment with the energy that establishes the greatest good of the Universe. While it all starts with the microcosmic, as it did with the Big Bang, the microcosmic must be in alignment with the macrocosmic – the overall Big Picture! And all of the above that can be said for the self can also be said for the collective. When the individuals within the group are out of alignment with its greatest good, negative states or conditions will exist within the group, leading to social unrest, moral decay, economic deprivation, etc. And likewise, the group must be in alignment with the greatest good of the Universe, according to Laws established by God at the moment of Creation for the benefit of the Universe and all that's in it. In either the individual or the group case, a misalignment of energies will hinder, or even prevent, the achievement of its chosen or given purpose. (169)*

I don't claim to know all the applicable formulas, or the intricate balance in all the physical theories involved in each specific instance. But, this is how the Universe works.

This is what makes it tick. And it's a rhythm that is even more accurate than that of an atomic clock, an instrument that keeps perfect time based on the rhythms of an atom. But, even those perfect physical manifestations of time are a physical limitation of the spiritual perfection it reflects – God's clock. He's the one who's really keeping time. Perfection Time!

*Order is the condition of "Laws." Chaos is that of "No Laws." Therefore, Physics has been ineffective in accomplishing a precise explanation for Chaos. Only a construct at the symbolic level can account for Order and Chaos, by providing the Rules and Structure that allow both conditions to coexist. Thus, within such a construct you will find where the exclusionary nature of Laws vs. No Laws is only apparent, since the Laws govern both. So, scientists must allow themselves the same flexibility theologians have requested. There are certain things for which there may be no provable explanation. The singularity – whether in the Big Bang or the countless Black Holes that followed – is the Universe's balance to the inexplicable nature of God Himself. Without Chaos, there could be no Order; without Evil, there could be no Good. Lee Smolin feels the Universe chose its parameters, and organized them according to what I would call a mythic symmetry. [I have a feeling he would appreciate my previously stated **Law of Universal Use**.] But, symmetry is the orderly, mutually corresponding arrangement of various parts to produce a proportionate, balanced form. And when you study the macroscopic way matter actually organized itself, much of it would hardly seem symmetrical. Nonetheless, understanding the balance between Symmetry and Disorder as they appear in the Physical Realm is no different than understanding the balance between Order and Chaos. The true symmetry in the Universe exists in its Rules and Structure. In that context, all is Symmetry, just as all is Order.*

*Before this footnote ends, let us move a little further into its philosophical implications. Each star that forms, expands and eventually collapses is modeling something that occurred at the Universe's inception. It may not look exactly the same, but the Spiritual Laws it is following are. All this is in accordance with the waves and spirals modeled within the Quadralitic Cube. But they are not the only things being modeled by it. There is the element that is most obviously structural. It is thus also my contention that the DNA underlying all organic existence on this planet is something that would be found regardless of wherever such an existence could be established. Anything else would not be life as we know it. That doesn't mean all life would look exactly the same. Could there be alien beings with six arms, or no arms at all? Yes. Each would have evolved according to specific conditions. But, DNA would be underlying any higher form of consciousness still incarnate. This may seem like an obvious conclusion to make; and when scientists search for life out in the Universe, it is organic life they're after, not just sentience. [The future problems we may encounter in defining sentience are best exemplified by Commander Data of **Star Trek: The Next Generation**.] But consider the ramifications. There aren't only common celestial bodies strewn throughout the Universe, but common forms of life! Then, also consider the likelihood. Soul is everywhere.)*

167 (There is a clear parallel between higher harmonics and the Further Levels of Quadrality. [This will be diagrammed in Figure I/T, p. 504.] With the Second Harmonic comes Physical Expansion and Spiritual Contraction in the Spiritual Realm. The Fourth Harmonic, or 1st level of Quadrality, brings it all into the Physical Realm. But, Spiritual still is Actual, while Physical is in Potential, either as expansion or contraction. The 2nd level provides for the reversals. The Actuality of Physical Contraction allows the Physical Realm to condense and aggregate into microcosmic tangible form. And from these subatomic particles can come atoms, then molecules, etc., etc., as the Actuality of Physical Expansion then allows the homogeneous microcosm to evolve to the heterogeneous macrocosm. Now, while it was the Actuality of Spiritual Expansion at the 1st level that initiated the entire process of tangible creation in the

Tangible Spiritual Realm, at the 2nd level it is the Potential of Spiritual Expansion that in fact allows for the continuation of it. This is the Spiritual Law of Creation I earlier referred to: The completion of one cycle and initiation of the next can occur at any point in the space-time continuum. The Potential of Spiritual Expansion in the Physical Realm returns to the Actuality of Spiritual Expansion in the Spiritual Realm. The Potential of Spiritual Contraction at the 2nd level, on the other hand, insures that Order will continue to rule over Chaos; it also enables Universal Soul, the Essence of God, to become manifest as individual personifications.

Now, while it is clear that higher harmonics and the Further Levels of Quadrality do, in fact, tie together through the principles of Macrocosm and Microcosm, there is a crucial difference, which stems from that between the Spiritual and Physical Realms. And since these principles will pervade the upcoming text, it is important to fully understand them.

Let's see what they mean in the Physical Realm. To summarize points in ***Physics Part 1****, macroscopic quantities are the gross properties of a system, and are often directly observable through our senses. The macroscopic sciences, such as thermodynamics – the study of the quantitative relationships between heat and other forms of energy – deal with these. Microscopic quantities, on the other hand, concern the atoms and molecules that make up the system, which therefore can't be understood through the senses. These properties are handled by the microscopic sciences, such as statistical mechanics. Scientists rationalize that macroscopic and microscopic quantities must be related because they are simply different ways of describing the same situation. Thus, the former should be able to be expressed in terms of the latter. For instance, we should be able to express the laws of thermodynamics quantitatively in the language of statistical mechanics. And, this is in fact the case; the "interweaving of the microscopic and macroscopic points of view is characteristic of modern physics."* [Pp. 524-525.]

The difference, though, between this understanding and that established throughout my work, is that the relationship herein is not just being used to represent Physical Realm conditions, but also those in the Spiritual Realm, which precede and supercede the Physical. It falls in line with the difference between intangible and tangible infinity. According to Quantum Theory, the atom cannot have any of a continuous set of internal energies, but only certain discrete ones. Thus, energy states are considered quantized. Now, the nodes and associated subdivided wavelengths of a fixed vibrating string can be likened to the quantized states of an electron confined to move between rigid walls. Thus, the tangible phenomenon of higher harmonics eventually reaches a point, as in the lowest quantized state of energy, of being incapable of further subdivision. And there is a remarkable quantum parallel to the process of cell division we've associated with the physical harmonics of tangible creation. The Schrödinger equation, which Encarta notes [in the caption: "Electron Density and Orbital Shapes"] *as expressing our knowledge of the atomic world, shows that the three lowest energy states of an electron reside in orbitals containing 1, 2, and 4 spatial distributions. And no more than 2 can appear in the same orbital!*

Quantized limits occur throughout nature in things such as the Planck constants for the minimum tangible increment of length or time. And this will become an extremely important consideration in our upcoming discussion. However, this is where the Further Levels of Quadrality depart from higher harmonics, because there is no such limit placed on anything connected to Spiritual infinity. When the Further Levels of Quadrality allow the Rules and Structure of the Macrocosmic Universe to apply at any Microcosmic point, there is no limitation made in where that point is or how it should be defined. While physical limits mark the end of the Realm of Tangibility, Intangibility keeps going. Thus, there is still an infinite amount of intangible time and space inside their minimum tangible increments. Surely, any Theory of Creation must be able to account for the transition between the intangibly infinite and the tangibly finite, be it Macrocosm or Microcosm.)

Thus, Light and Sound, principles manifested from Spiritual and Physical, have followed the *Law of Order* in the creation of the Spiritual Universe. That order in the Physical Realm hasn't changed. Light still precedes Sound. But, in converting the principles of Light and Sound into tangible waveforms, the wave from Figure 17L associated with the *linear* Physical Realm actually precedes the wave we've associated with the *cyclic* Spiritual Realm. Thus, in this very first act, the *Principle of Behavioral Reversal* – Physical over Spiritual – was established. That's what it took to create the Physical Realm. But, the Chaos associated with the Physical Realm was immediately followed by the Order of the Spiritual Realm. This Order overcame the Chaos; and the non-reversed Spiritual over Physical became what it took to maintain it.

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*168 (The **Principle of Harmonic Alignment** and the **Law of Order** unify through the principles of Cyclic and Linear within the Quadralitic Cube. The **Law of Order** specifies an energetically correct linear event-line. The ordering of events occurs through Causality. The **Principle of Harmonic Alignment** determines the energetically beneficial position for all events on the cyclic event-line occurring at a given point on the linear. The aligning of events occurs through Resonance. If you let an X axis illustrate the linear event-line, the Y axis will then illustrate the cyclic events at any point on it. Harmony in life is achieved by making in the cyclic event-line choices that best resonate with achieving an energetically correct order in the linear. Symmetry in life is achieved by making in the linear event-line choices that produce the most beneficial alignment in the cyclic.)*

*169 (**Johrei** can likewise help at the level of the collective, and we'll cover its use a bit more specifically before this book's end. However, why it works can be understood in this context. 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! I've shown that fundamentals can be resolved from higher frequencies. Here, the highest are most effective. The higher they are, the greater the number of lower frequencies they can be resolved to. If we think of all frequencies as allegorically having a corresponding musical pitch, division by two will produce the next lowest octave of the same pitch, division by three provides a related pitch. Division by some other number will likewise produce either an even-lower octave or another related pitch. Each of those can likewise be divided, producing a descending energetic pyramid containing more and more frequencies.*

*Of course, the reverse is also true. Beginning with the lowest physical frequencies, an ascending energetic pyramid can be created through their multiplication by some number. This is how all human consciousness can have its origination in four fundamental frequencies within the Earth. And we'll later discuss which they are! However, I feel there is a difference in the way Harmonic Alignment works in either case, which can be best understood in the context of the duality of Stated vs. Implied. No matter in which direction you are moving, the originating frequency is stated, the derived frequency is implied. When resolving from a stated higher frequency, the implied frequency is the fundamental. When resolving to an implied higher frequency, the stated frequency is the fundamental. Having the stated frequency rooted in the Spiritual or Physical Realm changes whether the frequency you are seeking to align is a fundamental or a higher harmonic. To effect the healing of a core issue, the advantage should go to that which will have the greatest impact on it. This occurs when the implied frequency – the one being resolved to – is the fundamental. Thus, it is when the Spiritual frequency is stated that the greatest physical impact will take place. This follows from the **Law of Order**.)*

And so, now we can truly see how it all fits together, the manifesting and "*study*able" *Action* of the Big Bang with the creating and "*contemplate*able" *Intention* for Quadrality. (*170*) Moreover, it is my feeling that the creation, once so created, has the ability and means to be self-generating. And the perfect balance established in that very first moment of the Big Bang continues to be maintained through the two great mysteries of the Tangible Universe earlier referred to, Dark Matter and the Black Hole. At the *2nd level of Quadrality*, the one in which all this can be found, they occur in the two realms specified as boundaries in the *Root Physical Model*: Dark Matter in the *Intangible Physical Realm* and the Black Hole in the *Tangible Physical Realm*.

Isn't it curious, though, how the phenomena just referred to are described by the words Dark and Black. So, in the *Physical Model*, the Light somehow gets sandwiched between them. However, let's consider these three realms as actually part of a closed circuit, and the battery that ultimately drives the circuit is in the fourth but preceding realm, one we could never see – the *Intangible Spiritual Realm*. It is there the Light of God, the *Driving Force* for all things, Intangible and Tangible, resides. The realms of the *Root Physical Model* merely become the *Sounding Board* God has used to amplify the Sound of Creation – all its harmonics, all its frequencies – and allow it to resonate throughout all Tangibility.

Consider how Joseph Campbell concluded his comments on AUM:

> A-U-M. The birth, the coming into being, and the dissolution that cycles back. AUM is called the "four-element syllable." A-U-M – and what is the fourth element? The silence out of which AUM arises, and back into which it goes, and which underlies it. My life is the A-U-M, but there is a silence underlying it, too. That is what we would call the immortal. This is the mortal, and that's the immortal. One must discriminate between the mortal aspect and the immortal aspect of one's own existence. In the experience of my mother and father who are gone, of whom I was born, I have come to understand that there is more than what was our temporal relationship. Of course there were certain moments in that relationship when an emphatic demonstration of what the relationship was would be brought to my realization. I clearly remember some of those. They stand out as moments of epiphany, of revelation, of the radiance. (*171*)

Such a moment of epiphany may be yours now as you grasp what Mr. Campbell had said about the fourth element – *or the fourth but preceding realm* – the silence out of which AUM arises and back into which it goes, and which underlies it! And if the act of Creation can be seen to have begun as a spoken word from God, then God is the silence before the word was spoken.

So, the Universe exists as part of this allegorically closed and defined, but spiritually open and inexhaustible, circuit. In Principle, it is not unlike the *circular universe* Professor Stephen Hawking proposed, though I prefer to call it Cyclic. The Universe has no beginning and no end. The difference in approach lies in the Concept – where and how the connection is made. Matter leaves at the densest end through Black Holes, to be energized by the *Intangible Spiritual Realm* and recycled back into it at the least dense end through Dark Matter. (*172*) And if this is actually the case, then it is possible to postulate that the Universe, once created by God, will simply continue to exist. Consider it a new take on the *Steady State Theory*, but one that includes the Big Bang as God's initiating event. (I'll expound on that pairing in a moment.) Perhaps it will expand forever. It certainly still appears to be expanding. And if it does reach a peak, if that is what is meant to transpire, it may retract a bit

and then expand again as it seeks to achieve perfect balance. But to say that it will eventually collapse would appear to deny the Perfection in its Creation.

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170 (I truly believe the Quadralitic Cube *models everything that happens in the Universe, or ever did since its inception as a Spiritual Principle. We speak of a series of events that began with the initiating principles of Light and Sound. They were then physically manifested as part of the Big Bang. Their waves are symbolically represented in the* Quadralitic Cube*. But there is another movement of energy also represented, which Light and Sound don't account for. It is the spiral associated with, among other things, fluid dynamics; and its laws relate to thermodynamics – the nature of Heat. For, as the hot gasses in space cool, they contract – and the spirals of galaxies are thus formed. This is extremely important, since, besides Light and Sound, a vast amount of Heat was involved in the* Big Bang*, more than I can even possibly imagine. And it is Heat that is largely responsible for the elemental formation of the Tangible Universe. Consider* ***Light-Sound-Heat*** *a fundamental* Triunity of Tangible Creation*.*

The series of events around which the Universe originated were immense nuclear fusion reactions that created the Periodic Table of Elements, which begins with Hydrogen, then Helium, etc. [Our Sun is 71% Hydrogen and 27% Helium.] As the heat produced from these reactions became more and more intense, denser and denser elements could be formed, ending with Iron, element #26. These reactions were actually part of the Order of the Universe, much as the Table itself is. However, many elements heavier than Iron exist in the 92 naturally occurring, but those could only be produced by a reaction so intense it would have to be called an act of Chaos – the Super Nova. That act, the ultimate destruction of the Universe's most powerful stars, ends in the creation of the Black Hole, the portal each one leaves behind to the Intangible Physical Realm *from the* Tangible*.*

With respect to the flow of energy through the quadralitic realms, we will soon draw an analogy with a battery, and it's easy to see how Black Holes can be actively involved in that process. The battery represents an example of the Law of Conservation of Energy and Matter. In the case of a car battery, chemical energy is being converted to electrical energy. But, this physical law is merely a reflection of a more all-encompassing Spiritual Law, one that allows Intangible Energy to be converted to Tangible Energy, and back. I suggest it was this ability that initiated and fuelled the Big Bang. That is how all the matter appeared, the origin of which until now no one has been able to ascertain. And it would account for the enormity of matter needed for the Universe's creation to have emanated from a point a million times smaller than a single atom! To me, at least, it all makes sense. And before we're done, with a new vision for it, it should make sense to you, too.

Important: The existence of the quadralitic realms is obviously key to the ***Principle of Quadrality****. Until now, they have been referenced mostly in a philosophic sense as the 1st level of Quadrality – the Universe's four initial divisions. They will continue to apply in that way. However, they've also been used to reference material evolution, as in this discussion. I must be clear that it is better when doing so to think of the four realms as occurring in the 2nd level, where the four then can exist within the Physical Realm, since that is where all these processes are actually occurring. But practically speaking, there is no way for us in the Root Physical Realm to use knowledge of any Form of energy, even Intangible, to understand the Substance of energy in the Root Spiritual Realm, the realm of Principle and Concept. That can only be done behind the Veil. You will need to be flexible and discern for yourself the intended message based on the context. When possible in this presentation, I've done my best to eliminate ambiguity. But, this work also requires me to expect a certain level of intelligence from my readers as well as a willingness to make the effort. So, since you're reading it, consider this my acknowledgement to you of both. As I've often said, imagine you're on a journey into the realm of 21st century possibility. Try to enjoy the ride!)*

For the most part, the Universe has been decelerating since the Big Bang due to gravitation. But, whether the Universe is doing so at the present has been called into question in the most recent studies, as noted on NASA's web site for its current MAP mission. [http://map.gsfc.nasa.gov/m_uni/uni_101bb2.html] Thus, scientists are beginning to wonder if the Universe is now dominated by a bizarre form of matter with a negative pressure, something they're terming Dark Energy! This apparent paradox is further compounded by the findings of the Boomerang telescope, which I previously referenced as having discovered that the shape of the Universe is nearly flat. But, that project also showed the Universe would slow down to reach a level of stability, something I'll now refer to as a "stable" state to avoid conflict with the word "flat" as a condition of *shape*. A "stable" state would also indicate the density of the Universe is very close to critical, and thus precariously balanced between expansion and collapse.

So, how do you account for the contradiction in findings? The studies on rate of expansion say the Universe is expanding, while the studies on matter density say it will slow down to an eventual halt. You would think you could only have one or the other, unless the Universe in fact can actually have both! Suppose it is expanding, but as a "stable" state. It is my belief that this is the case, and that its evolution is occurring in a condition of *Dynamic Stability*, with the Universe constantly adjusting the rate, matter, and forces involved to facilitate it. And if Science may allow me to venture a prediction through my **Theory of Harmonic Creation**, this is what it is. *Dynamic Stability* will someday be recognized as a fundamental law of the Universe, flowing from the coexistence of and interaction between Nonchange and Change!

The idea of the creation of the Universe as having resulted from the principles of Nonchange and Change is not new, and readers familiar with ancient Taoist philosophy probably smiled at their being mentioned in the context of a scientifically grounded theory. So, I certainly will not claim their appearance in this presentation to be original. And much later, I will cover their application in the more traditional philosophical sense. But in recent years, the idea began to receive attention in a creation theory called "vacuum genesis." It is the belief that we owe our existence to the breaking of the absolute symmetry of absolute emptiness, and that this could have happened with a single particle. Thus, the line between physics and metaphysics is becoming quite fine, indeed. Still, in all the theories, even the more esoteric, the ultimate question has yet to be adequately answered. How did it happen? As a result of all the scientific discoveries of the 20th century, everything after a certain tiny moment can be explained, but not before. So, how did the matter, even if it was just

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171 Campbell, pp. 286-287.

172 (The Intangible Spiritual Realm *powers the transition but matter doesn't enter it. The top boundary of the* Physical Model *admits energy but prevents matter's exit. Energy and matter also don't exist in the* Tangible Spiritual Realm *according to physical laws. So, any talk of a transition from Dark Matter to Black Holes, through all Tangible energy and matter, would imply a* transformation *occurring according to the* Rules of Quadrality*. Though tapped into an external energy supply, this would be with the Universe as a physically self-sustaining system. How all of this occurs will be clarified before we're through. However, I believe there is also an exchange of energy directly between the* Intangible Spiritual Realm *and the* Tangible Spiritual Realm *to spark the* transmigration *of souls according to the* Rules of Triunity *– about which I can barely speculate. This would be with the Universe in the context of a* bigger picture *as a spiritually God-sustained system.)*

a single tiny particle, get there in the first place? And how did the huge amount of energy and matter in everything we see about us come from it? And if there was such a thing as a God involved in the process, did He have any choice in the occurrence?

Scientists who adhere to the *Big Bang Theory* assume the total mass of the Universe is constant, and, *that* mass originated within the Big Bang. All of it. So, when the Universe is said to be expanding, what is actually expanding is the space between the matter that already exists, not the matter itself. This is the condition around which the question of *expansion* or *collapse* is bound. How do the gravitational forces interplay with the masses involved to bring about one or the other? Based upon the matter we can see, it would appear to expand forever.

However, scientists are now coming to realize that the space doesn't contain nothing, but actually something, albeit invisible. They must then include whatever is there in the total mass that doesn't change, and seek to determine its nature and amount to solve the above riddle. If there is too much, then the gravitational forces will eventually cause the Universe to collapse. My contention is that the mass of the Universe is not fixed, but is actually changing. This proposal also isn't new, being fundamental to the previously noted *Steady State Theory*, which claimed the mass was increasing to fill in the gaps left as the Universe pulled apart. This process was assumed to be ongoing; thus, the Universe's expansion would never end. Aside from appearing to contradict the *Law of Conservation*, the theory lost favor mainly since it discounted the possibility of large-scale variations over time as well as a Big Bang, these now proven by the discoveries of quasars and cosmic background radiation.

I likewise feel that as the space between bodies increases, that space is being filled up with new matter. However, I believe it originates in the form of Dark Matter, and more importantly, according to the *Law of Dynamic Stability*. Briefly, *Dynamic Stability* allows conditions to balance in both finite and infinite systems. It does so in keeping with *Newtonian Physics* as well as *Einsteinian Relativity*, depending on which conditions are being considered. In *Dynamic Stability*, the small-scale balances are Newtonian, which is why my hypothesis upholds the *Laws of Conservation*. Whenever matter and energy interact in a finite, closed exchange, they do so according to *Newtonian Physics*. But, the large-scale manifestation of intangible raw materials occurs in the infinite, open system, which is Einsteinian – at least when *Relativity* is applied within the *realm of 21st century possibility*!

I will be using the terms "open" and "closed" quite frequently in the coming text to describe the Universe, or any part of it, as a system with either of these boundary conditions. The context will determine if it is in a philosophical sense, as in the interaction between realms, or in a mechanical sense, as in the processes that occur within or between systems. However, these terms also have cosmological significance as indicating whether the Universe will continue to expand or eventually collapse. These conditions surround the value of a critical density, in keeping with which the gravitational forces act to bring about one or the other. So, please be aware that unless I specifically note them as applying in the latter, cosmological sense, they apply in one or both of the former.

This will become particularly important once the terms "finite" and "infinite" are included, as they were above, since this theory mandates the coexistence of Spiritual and Physical Realms. As we'll later learn, it is their concentric and tangential dual nature that allows for all four terms to cover the range of conditions in the Universe from infinite-open to finite-closed. In the dual duality formed from Infinite {R} Finite and Open (P) Closed, at the most physical end is finite-closed – a self-contained

physical system within a larger, finite-open spiritual system. But, when the physical system requires resources from the spiritual, the physical system becomes finite-open while the larger, spiritual system is self-contained and finite-closed. As both occur in the Root Physical Realm, balances are *Newtonian*. Still, in the context of an infinite system, the larger system remains finite-open, capable of receiving its resources. Once you cross over the Balancing Center into the Infinite-Spiritual Realm, you arrive at infinite-closed. Since this is occurring in the *Intangible Physical Realm*, a self-contained infinite system needs to address conditions not addressed by *Newtonian Physics* – those that occur as you approach the speed of light. Thus, *Relativity*, as Einstein envisioned it, must enter the picture. Yet, as we'll see, the apparentness of a system being closed on the physical side of the Root Spiritual Realm, even an infinite one, seems to defy growing scientific evidence. Thus, this condition of infinite is only relative, and infinity needs to be understood in its spiritual sense – absolute. This can only occur as you near the most spiritual end of our dual duality – infinite-open. It is here where *Dynamic Stability* allows the infinite-relative *frames of reference* covered by *Relativity* to find balance within the infinite-absolute *Frame of Reference*. This is the Realm of Nonchange. In its context, the Realm of Change – the Universe – becomes infinite-open, capable of receiving the resources of Nonchange, which is now considered infinite-closed. After all, there is nothing that is outside of God! (The dual duality formed by the behaviorally reversed Closed (P) Open with Infinite {R} Finite allows for the second alignment noted in each quadralitic realm.)

Now, as to whether or not the Universe's expansion will ever end is a matter we'll speak to in a moment. But, to see how *Dynamic Stability* resolves the large-scale with the small, we need to cover it more deeply and discuss the principles from which it draws. The *Theory of Relativity*, as Einstein put forth, discards the concept of absolute motion and instead treats only relative motion between two systems or frames of reference. Space and time are no longer viewed as separate, independent entities, but rather as forming a 4-dimensional continuum called space-time. Einstein spoke of the limit that the *speed* (distance per unit time) component of the continuum must have – that of tangible light – and observed that as you approach it, laws change. However, to the best of my knowledge, he didn't address the possibility for conditions to change once you approach the limit, in the context of the sample you are examining, of the *volume* (amount of 3-D space) component of that Continuum – that of tangible infinity. I propose that as the size of the system within which the mass and forces are interacting approaches infinity, laws likewise change. And it would appear the evidence to back up this hypothesis can be found in Tangibility when you consider that infinity is not just macrocosmic, but microcosmic as well. Science has determined that within the singularity of the Big Bang – infinite energy density in an infinitely small space – the known laws break down.

So, *Relativity* and *Dynamic Stability* are joined through the same space-time continuum. As *time* goes to infinity, the space-time continuum alters to accommodate it through *Relativity*. As *space* goes to infinity, the space-time continuum alters to accommodate it through *Dynamic Stability*. The difference is that in *Relativity*, both frames of reference are relative, whereas in *Dynamic Stability*, one is absolute!

To see why I think it is reasonable to make this assertion, consider that the entire idea of expansion takes on a whole new meaning in terms of the large-scale Universe. Now, I realize that I have limited expertise on the subject; thus, there are many scientists who may feel I don't have a right to even suggest such a possibility. So, if they or any other readers feel more comfortable returning to the view of this

work as being *science fiction*, I won't have a problem with that. In fact, I encourage it. I'd prefer they keep reading and come along for the ride rather than immediately dismiss it. This entire book is a symbolic construct for physical concepts based on spiritual principles, drawing on the understanding that physical reflected spiritual. And once a realization of the spiritual nature of all things is achieved, that wisdom can be applied to their physical nature. Without evidence, it is admittedly conjecture; but many such mental excursions have opened the door to fruitful investigations. And all along the way we have explored the parallels that do appear once you open yourself up to seeing them.

For instance, to get a greater understanding of expansion as the Universe knows it, I'll offer a simple visualization, one that is commonly used. First, think of an explosion on Earth and let that represent the microcosm. When something explodes, everything moves outward from the point of the explosion, and the outer reaches of the explosion define the speed at which it is expanding. This is because the debris is moving radially into some preexisting space. Now, think of the infinite Universe as the aftereffect of the Big Bang, and consider that the macrocosm. *The Universe isn't actually expanding into anything that already exists outside it.* I've previously referred to the tangible Universe expanding into the intangible Universe, and I feel that is a valid allegory for the metaphysical balance of Physical *vs*. Spiritual infinity. Moreover, expansion in this context is more a reference to the *Realm of Change* moving toward the *Realm of Nonchange* – as represented by an eventual "ideal" rather than "stable" state. But from a purely physical perspective, the Universe may have no boundaries; and, as Professor Hawking queried in his PBS series, it may merely curl around on itself so that, no matter the direction you traveled or your point of departure, you'd always get back to where you started!

That actually describes the cosmologically "finite and closed" boundary conditions of a positively curved, convex surface like a sphere, and occurs if the Universe exceeds the critical density. But, there are also "infinite and open" conditions, one occurring if the density of the Universe is less than the critical density. Then, its geometry is negatively curved, like the concave surface of a saddle. The other occurs if the density of the Universe exactly equals the critical density, in which case the geometry of the Universe is flat, with a surface like a sheet of paper. The search to know the density and geometry of the Universe has been so actively pursued because that information will determine its fate. It is now believed that the Universe manifests these last conditions, which comply with Inflation Theory. But regardless of which it is, it is understood that as the Universe expands, everything is moving away from everything else, and the further apart two objects are from one another, the faster they appear to be doing so. This gives you an idea of the brain twisting that goes on when one tries to comprehend the infinite.

Thus, I think you can see why I feel the Universe's matter is variable to maintain stability under infinite conditions. There seems to be an inherent difference in the way things work once you leave the finite-closed system and venture out into the infinite-open. Of course, some may say the observable Universe is mechanically closed, and therefore must be totally contained. Still, from my perspective (and I hope later, yours), as new data comes in, Science seems to be constantly readjusting its position on what is included in that closed system. And many things fit descriptions that seem more philosophical than physical, things I'd model as variable.

Nonetheless, something *is* fixed as you approach spatial infinity, but I feel it is not the total amount of mass within the Universe. Amount is physical. Rather, it is

the relationship of force to matter in all its forms, in the context of a potentially ever-expanding space. And *relationship is spiritual*. In a fixed-matter Universe, as the volume of space grows, the distances between tangible bodies increase and the gravitational forces between them decrease. As a result, the relationship of force to matter varies. In a variable-matter Universe, the addition of Dark Matter (and also, it appears, Dark Energy), in just the right amount, allows for the counterbalancing of these changes to the good of the structural integrity of the infinite Universe as a growing composite of finite systems. Therefore, the relationship of force to matter is now fixed in the context of ever-expanding space. And that relationship is as finely balanced as was that between matter and antimatter upon the Universe's inception.

It isn't fixed in the sense of a mathematically determinable ratio between the two, although I've certainly left room for the possibility of 21st century physics to derive the quadralitic equations surrounding it. It might be a fairly simple calculation if expansion occurred at a constant velocity, and still not too bad if its rate of change was constant. But, even its rate of change, either as a deceleration or an acceleration, appears to vary. Thus, in *Dynamic Stability*, rate is just as much a factor as force and matter are in the infinite system. With respect to expansion in the Universe, though variable, that rate now appears to be consistent when the Universe is considered as an infinite system. But that constancy may only be the result of dynamic changes made in the multitude of its finite systems. And there is no reason for me to believe rate in the finite system has to be any more consistent than matter and force, either. In other words, who says the rate can't change in the various parts of the Universe just as matter and force may do to accommodate *Dynamic Stability*, with constancy still in the infinite average. Also, realize that rate of expansion is only one way change can be expressed as a variation over time. The rate I'm referring to regards change in whatever form it needs to take to maintain *Dynamic Stability*. Moreover, I don't mean just the rate of change between finite systems, but also the rate of change within them. I think the Universe is more "alive" than we give it credit for. Picture it as *God's Body* still growing up. How would we look if every bone in our infant bodies grew proportionately the same! Overall our bodies are uniformly at a given age. Yet, all the parts have grown exactly the way they needed to for us to maintain our own *Dynamic Stability*.

With every part of our bodies at the same age, every day changes occur. So, too, are all the parts of the Universe at the same age. Who could venture to say how many changes they've been through? At the Big Bang, the Universe was just an undifferentiated zygote compared to what it is now. And it may still not even be an adult! Thus, it is fixed only in the sense that there is a fixed ability to make constant adjustments in the finite systems so balance can be maintained in the infinite system. This is the Wisdom inherent in the *Law of Dynamic Stability*.

The conditions required for stability at any point or system of points in space-time are constantly changing. Specifics that work in the here and now may not, and probably won't, in the then and elsewhere. In fact, there are an uncountable number of places in the Universe where the chaos of destruction would hardly be called stable. Yet, even those conditions are all part of universal order. To maintain stability in the *Big Picture*, finite systems become open to the infinite, in keeping with *Quadrality's* range of values. And, physicists allow for adjustments in the multitude of finite systems within the Universe by assuming they all average out in the infinite system. But, we must realize that any changing frame of reference, including the physically infinite Universe itself, is considered finite and relative to the spiritually infinite,

absolute, non-changing frame of reference. And thus, it is a *relative* infinite system they are actually considering, not the *absolute* one. Thus, theirs is changing, too!

So, instead of looking at Einstein's relativity theories in the context of a *space-time continuum*, think of them within that of a *Nonchange-Change Dynamic Stability*. The Universe began with a balance that the Intelligence behind its creation knows it requires to be maintained. In this way, the forces of gravitation and the matter they act upon will provide the Universe with *Dynamic Stability*. It has governed the evolution of the Universe from Physical Moment One, and it is the ability of *Dynamic Stability* to include the relativistic that allows us to apply Einstein's equations all the way back (almost) to the Big Bang as if the overall amount of matter hadn't changed. These equations are in accord with Newtonian principles and conservation laws that maintain matter as being constant; and in the Universe as an infinite-closed system, it is. But, as we know, *Relativity* was developed to account for the difference in observations made in relative systems, and stability must ultimately reference the infinite-open system, which is absolute. This is also accounted for through *Dynamic Stability*, whereby a balance achieved in the infinite-closed system through relativistic laws can occur in the context of the balance that must also be achieved in the infinite-open system through quadralitic laws. And to do so, my contention is it is not the amount of matter in the total volume of space that must be constant over time, but the interplay of matter, force, and rate of change at any given moment of space-time. (The matter and forces involved, functions of space at that moment, are constantly changing. The rate they do so is a function of time.) Again, though proportion-like in nature, this interplay isn't in the form of a fixed ratio, since the requirements for balance constantly change. It is in the form of serving a higher purpose to uphold Order over Chaos. No change can change the *Realm of Nonchange*! In other words, the three must always work together to maintain *Dynamic Stability*. And *Dynamic Stability* must be maintained in the infinite whole through changes that occur in each finite part. Moreover, it is occurring in the context of a *Big Picture* that understands that growth and balance are not mutually exclusive.

I realize how unsettling this will be to the need Science puts on the Universe for quantitative predictability. Formulas fail to apply and conclusions come into question. But, divergent views have more to do with the way the system is defined than what is actually occurring. It is similar in principle, I feel, to the problem cosmologists have in determining what they call the *Distance NOW*. I'll speak a bit more on it later in another context specifically relevant to it. But I mention it here to draw a parallel with what I'd call the *Mass NOW*. As a result of the fact that the Universe is expanding, there are methods of determining the *Distance NOW* that allow for speeds greater than light – which would appear to contradict the limit light places on the speed of matter in the Universe. I feel that in an infinite-open Universe there needs to be a similar flexibility in the principle of *Mass NOW* that allows for matter to increase beyond the limits the *Laws of Conservation* place on the amount of matter in the Universe. Thus, not only am I proposing a greater understanding of the way systems are defined, but also of the way expansion itself is defined. This will become especially important as we continue to explore our construct's specifics for Creation.

While the Universe itself changes, its prime directive never does. Thus, *change finds its truth in the non-changing frame of reference*. Of course, when you start to consider the Universe in this light, you can truly begin to appreciate the veracity of the statement: *there are no accidents in a perfect Universe*. To be able to make changes on such a scale, and given all the variables involved, implies a capability for

thought and direction through choices made and actions taken. Before we're through, I hope to show you why that level of functioning is actually the case, and describe the mechanism whereby it's accomplished.

The expansion of the Universe 15 billion years after the Big Bang may still be the result of that initial explosion. However, it is a controlled expansion in the sense that some guiding intelligence, through the interjection of Dark Energy and Matter, is enabling it to maintain this dynamically stable state. In the case of Dark Matter, aside from its role in the transition to Tangibility, when and where needed its presence is acting as the Universe's *Damping Factor*, analogous to that used in any harmonically oscillating system to prevent it from going out of control. The shock absorbers in your car are a great example. Without them, you'd lose your teeth over the next bumpy road you travel!

And if Dark Energy likewise exists, as it now appears to, its manifestation as the balance to Dark Matter would make sense. One would exhibit the attractive properties of Mass, and the other, the repulsive properties of Force; and neither would be tangibly detectable. However, I believe they serve different purposes, necessarily manifesting in different ways to advance them. Dark Energy could be a homogeneous property of a universal substructure with wave characteristics, while Dark Matter could be a heterogeneous scattering of particles within that substructure. And in fact, just as there is a uniformity in the Universe as a whole with differentiation in its parts, scientists don't think the presence of Dark Matter is even throughout the Universe – a truth held by baryonic, or ordinary matter. For instance, they don't feel much at all exists in our solar system, or even throughout our galaxy – and thus they don't have to consider its gravitational effects when calculating space craft trajectories through it. [http://www.sciencenet.org.uk/database/Physics/Original/p00276d.html] It also makes sense in our construct for this lack of Dark Matter to be the case in our solar system, since right now it's stable. It doesn't need any to balance it. But in accordance with our *Law of Universal Use*, the Dark Matter appears in those regions of the Universe where and when it is needed, to facilitate the delicate balance between matter and force as the Universe seeks to grow according to the *Law of Dynamic Stability*. The addition of Dark Energy, on the other hand, may be intrinsic to the expansion itself, an intangible substructure existing *everywhere*, formed within the tangible vacuum to take over as all the outward momentum imparted by the original Big Bang is dissipated. (This isn't the only function Dark Energy might play in the Universe. We'll later explore how it could be the communicating conduit for universal consciousness!)

And thinking back to the analogy earlier made of the Universe as a body, the Dark Energy substructure may have simply multiplied as the Universe grew, in a way analogous to cells multiplying as our bodies grow. We in the tangible realm derive the nutrients for such growth from the exhaustible food we consume. I feel Dark Energy in the intangible realm does the same from the inexhaustible supply it has access to.

The function of *Dynamic Stability* was crucial in the earliest stages of the Universe's creation during the initial establishment of change. Since then, its function has become one of maintenance in a Universe that continues to change, and I feel forever will. Nebula will still collide, and new stars will still be born. Yet, Order will always prevail over Chaos, and the Perfection in the act of Creation will endure.

Change is a fact of Material Existence. Nothing has stayed the same in the Universe since the Big Bang, beginning with its size and rate of expansion. Planets slow down, polarities reverse, gravitational forces change, entire galaxies come and go. Why should matter be any different. But at any given moment in the Universe's

existence, everything has been in balance. That is the result of Nonchange, a fact of Spiritual Existence. The balance of the two occurs through *Nonchange-Change Dynamic Stability*. To effect it, Dark Matter serves God's purpose as the necessary substance created in the *Intangible Physical Realm* from which the required form of matter is manifested in the *Tangible Physical Realm*. And that amount, as is the amount of tangible matter in balance with it, is constantly changing, all in response to the interplay of forces as the Universe itself changes. For those who feel this violates the *Laws of Conservation*, realize that what I'm suggesting is a reconfiguration of the system under consideration in such an exchange to include sources and energies beyond the tangible. It is only in this sense that the infinite can truly be understood, with the *Laws of Conservation* adjusted accordingly to serve in the maintenance of *Dynamic Stability* on that scale.

For most interactions, it happens that the results achieved from *Newtonian Physics* and *Relativity* are essentially the same. The variations occur once speeds approach light. I therefore believe the results achieved for *Newtonian Physics* and *Dynamic Stability* will likewise be the same for most interactions. These occur when the system being considered is finite and closed. Even the entire visible Universe can be modeled as such, the approach Science takes with it (one for which evolving data has sparked numerous revisions). And we earlier showed how the two finite Realms included in the *Physical Model* can be considered a closed system. The variations will occur once volume approaches infinity. It is then when the system becomes open, for, the Spiritual Realm must be included – the realm with no limitations. (And when considering infinity, we must include dimensional levels as one of the variables!)

The theory of an eventual non-expanding "stable" state, though with recent Boomerang telescope data to apparently justify it, is difficult to concede without a reasonable explanation. I realize that while I have offered one for the *Law of Dynamic Stability*, without scientific substantiation it may be likewise difficult to concede. Still, the possibility that all the matter in the Universe and its related gravitational forces will eventually just bring everything to a big halt is hard to accept in a Universe that never stops changing. However, once you include the existence of a unified Divine Intelligence and *Infinite Source* providing its child with the very ingredients and processes needed to achieve stability in a dynamic environment, the ability to do so becomes clear. And without an energy source to drive it, or a means to regenerate it, a "stable" state of any sort seems impossible to consider.

You may then query, why hasn't Science yet been able to measure this increase in mass? The answer falls within the same behavioral principles that follow from Einstein's *space-time continuum*: events that appear simultaneous to an observer in one system may not to an observer in another. And as this principle is applied to time through *Relativity*, so is it applied to space through *Dynamic Stability*. Obviously, the observers and systems being referenced by me are *Humankind on Planet Earth* and *God throughout the Universe*. Think of both Time and Space in that context. What sample could we possibly take that would see things as God sees them? How many would we need, over how much time, and where, to determine whether or not the amount of matter has changed in a physically infinite Universe that is 15 billion years old? And could we say for certain that the results at some other place and time would be the same? Moreover, how should we even define the matter, let alone the system, we are measuring? We'll later see how recent findings point to states – of matter and energy – that seem only to appear or function in response to changing conditions. (And these occurrences, and the formulas surrounding them, could easily be seen as

physical reflections of the spiritual *Law of Universal Use*.) So, if the data from the current and planned space missions fail to supply the answers scientists expect to see, perhaps they'll be forced to consider God's viewpoint as an option.

They may also come to share my view that what was born into the Universe at the moment of the Big Bang isn't all the matter now contained. Surely, a great deal was introduced. But what really manifest were the *Rules* and *Structure* – the ways and means to tap into an unlimited source of energy – and the *Perfect Balance* needed for all those tangible ingredients to mix in just the right way to make everything else possible. The key was the balance – a perfect balance established by God according to the physical conditions He knew His creation would need to satisfy to simply *be*. Think how, after the battle between matter and anti-matter occurred, only 1 part in 1 billion of matter survived; yet, it was not too little, and not too much. Just enough. And to accomplish its Divine mission, the Universe has at its command a source of conscious, inexhaustible energy that can supply ***what*** *it needs,* ***where*** *and* ***when*** *it needs it, and exactly* ***how*** *it needs it*. Consciousness implies the means and ability to receive from the source the *Information* as well as the *Energy* required.

Scientists currently assume the contrary, that all the energy in the Universe came from the Big Bang. It is with this assumption that *Newtonian Physics* works. However, the expansion of the Universe entropically consumes energy, which is obtained through heat exchange. Thus, it follows that the Universe is cooling and may eventually die. Imagine it. The *extremes* of absolute heat and absolute cold, infinite density and infinite non-density, will eventually all come to rest in a big *means* full of dead dust! To me, such a fate for *God's Body* doesn't make sense. With an infinity of energy at His command, why would God just pull the plug and fade away?

So, Science may soon be forced to deal with questions it has no tangible way to answer. But Einstein made us aware there are solutions for the problems that arise in physics once the speed of light is considered. And thus he opened the door to solutions for questions he acknowledged as left unanswered, and others he'd yet to even ponder. Since, while light may set the limit for the speed of energy in a realm where physical laws hold, there may be another realm beyond that speed where laws without physical constraints reside. And that realm will never die! Einstein believed the speed of light created a barrier across which nothing on this side could travel. And if particles did exist on the other side, with laws that supersede our own, they couldn't cross over to this one. We've previously intuited through **Quadrality** how that barrier exists in the context of the separation between realms. And Einstein has provided scientists with the necessary equations. But unlike our renowned professor, we have come to realize, courtesy of the **Theory of Harmonic Creation**, *there's a way intangible energy can reach us from the other side*. However, we might have to wait until we are in the presence of God on that side of the Veil in order to prove it.

The Universe may one day no longer expand. I tend to differ. But regardless, it will surely continue to evolve! Why does it ever have to stop? It's like having a current driven by the voltage difference between the ends of an infinite intangible battery. Within the realm where nothing can be found but Principle and Concept, Negative can become Positive once again and it all just keeps moving onward. Such an understanding would provide all of God's creation with a peace in knowing that Destruction is not something to be feared but to be embraced as part of His Almighty Plan. Even the end points of organic existence, Birth and Death, become seen as the defining moments in one cycle of your soul's frequency within the Harmonics of God! And one third of that Triune cycle, Rebirth, doesn't occur in the Physical Realm.

Let's delve further into the possible mechanics of the Big Bang. Photons, carriers of electromagnetic radiation, can travel at the speed of light because they are massless – and thus can behave like particles yet have no weight. But, if anything with mass approaches the speed of light, matter, space and time alter to serve the fact that nothing can travel faster than light. Time slows down, lengths contract in the direction of motion, and mass increases. Taken to the extreme, you might say they're the conditions prior to the Big Bang: infinite mass in an infinitely small space, before the existence of time! (We'll consider the nature of that "mass" shortly.)

For a moment, skirt around what may have produced such conditions. Explore only the inevitable result. According to Einstein's equivalence equation, $E = mc^2$, the amount of energy released from infinite matter confined within infinite no-space – and which then attempted to live within the laws of Tangibility – is unfathomable. Just look up into the sky at night and witness a tiny fraction of the miracle 15 billion years after the fact.

Now, let's try to imagine how such conditions favorable to a Big Bang were created. Einstein borrowed the *Principle of Relativity* from Galileo. His stated that it is impossible to determine how fast a frame of reference is moving, or if it is even moving at all, without a reference to some point outside of it. This principle held wonderfully throughout *Newtonian Physics* until you began to approach the speed of light, since, light was actually providing you with what you needed in order to see the external frame of reference. It was for this instance that Einstein adapted *Relativity*, first into a special theory that postulated a space-time continuum, and then a general one that covered the large-scale effects of gravitation on that continuum.

OK. Light provides you with the ability to see a chosen frame of reference. But light only came into existence with the Big Bang. And from that moment everything changed, including the laws surrounding the *conditions of existence*. It wasn't merely space-time that began with the Big Bang, but Change itself. Prior to it, there was only Nonchange, the absolute frame of reference for Change. As noted before, any words used to envision existence "before" time and space can't do justice to that truth. Still, in a poetic sense, they help us to realize that whatever existed in Nonchange was so powerful as to be able to initiate Change with a staggering release of energy.

So, what created that singularity from which it all came? I've already explained it philosophically as a rent in the Veil between Intangibility and Tangibility (and thoroughly explored the spiritual mechanics of it in *Footnote 166*). And human beings throughout the ages have called the power behind it God and left its existence to a matter of faith. I've done likewise, though I've offered some convincing evidence to back faith up. Now, let's consider it more scientifically. Imagine that on the other side of the Veil, whatever "exists" there is able to travel faster than light, within a set of "operational" laws that have only a symbolic relationship to ours. We saw why with the universal wave equation. In the Spiritual Realm, frequency, wavelength and velocity can each go to infinity. So, all tangible equations break down there except one – the equivalence equation itself: $E = mc^2$. The reason the equation applies on the other side is that the referred to equivalence involves a transition between realms needed to manifest the Principle of Change, with each side of the equation reflecting its appropriately infinite *vs*. finite conditions. Call E God and the singularity mc^2. The Principle of Change occurred on God's side with its creation, as actual intangible energy contracted to potential intangible matter within the realm of *infinite* conditions. The Big Bang occurred on this side following its manifestation, as potential tangible matter expanded to actual tangible energy within the realm of *finite* conditions.

One thing this implies is that the equation works in both directions. Mass can be converted to energy and energy can be converted to mass. This implication has been upheld in Tangibility through experiments using particle accelerators. However, what it means in the realm of the intangible is quite different from what it does here because the laws are different. To see how, let's first examine the original equation as it applies in Tangibility. It states that there is an energy associated with a given mass, and visa versa. However, it does not mean energy has mass, only that there is a relationship between the two such that one can be converted into the other. This statement can be misleading since, for any physical process occurring in a closed system, mass and energy are always conserved; neither can be destroyed, nor can they be changed into one another. If an amount of matter is totally converted to electromagnetic energy, that energy will have all the mass associated with the matter undergoing the process. Thus, the total mass of the matter and energy remains the same. But, you may say, if energy doesn't have mass, how can this be? The answer: it doesn't have a "rest mass" – the mass of a particle when it is at a standstill relative to the person taking the measurement. But it does have an equivalent mass. And it's this equivalent mass that allows it to behave like a particle when under the influence of gravitational forces. So, in the Physical Realm, any mass has an equivalent energy and any energy has an equivalent mass.

Apply this to a simplistic view of what happened at the Big Bang – the energy in an infinite amount of matter was released. Well, this energy was humungous. To give you an idea, according to Einstein the amount of energy released from a completely converted unit of matter would be 90,000,000,000,000,000 times greater – the speed of light (in kilometers per second) multiplied by itself! Now, how that matter got there to begin with, and what it may actually have been, we'll soon discuss. But once its energy had been released, it could then be converted into tangible matter with equivalent energy as needed to procreate the Universe.

As to what created the singularity, we next need to take into account that all the laws of Physics didn't come into existence until perhaps 10 to 27 seconds after the Big Bang. I mentioned that prior to the section on *Wave Theory*. In accord with the **Law of Order**, some appeared on the scene almost immediately – with the first quantum particles. It was then the speed of light set the upper limit for motion in the Universe. (I'm speaking of light and time in an atomic, not a visible sense.) But prior to this, in the first few micro-moments, it was something else, something a lot faster. It wasn't even light as we know it. For that matter, since you need light to establish time, it wasn't time as we know it, either. Both were something that somehow bridged the gap between the intangible and the tangible, Nonchange and Change. It is this period of Chaos, when the laws of the Universe were different than they are now, that poses problems for physicists trying to use Einstein's equations all the way back to the Big Bang. They work in a simplified model, but for real conditions they break down. A loss in energy, called entropy, and a constant for the smallest unit of time, formulated by German physicist Max Planck, prevent it.

These models for singularity think of it as a reverse of the Big Bang – or a Big Crunch. Of course, if the Universe ever collapsed into one, time wouldn't actually reverse. Still, when scientists run Einstein's equations backward to the Big Bang, this is essentially what they are doing: imagining going backward 15 billion years by playing the tape of time in reverse. All the matter in the Universe would contract, and the speed would increase until the matter approached the speed of light. In the simplified model, this works. However, if this happened in reality and the matter

approached infinite density, an infinite amount of energy would need to be absorbed, so much so that it is believed the matter could never reach the speed of light, let alone surpass it. You might ask, if matter and energy are truly conserved, wouldn't there be enough to go in the reverse direction as there was in the forward? Yes, up to a point. But to arrive at such a singularity would require you to pass through a brief period where the *Laws of Conservation* don't work and energy can travel faster than light. We're not talking about something occurring in the middle of the Universe like a Black Hole, which has the ability to draw energy and matter from its surroundings, but the entire Universe. There is no way infinite energy in a physical sense could be compared with infinite energy in a spiritual sense. If you review the previous page and think about what infinity means prior to the laws of Tangibility rather than after, you'd realize a whole lot of the energy never made it here. That's what happens in a moment of energetic Chaos, and I think you could call the battle between matter and anti-matter such an event. Who can say what entropy was like then!

Scientists don't know how to resolve this since they aren't sure what happens before the laws of physics kick in. I personally feel it can never be done by looking at the Big Bang from this side of the Veil. So, let's shift our thoughts from the realm of the tangible to that of the intangible. Return to Einstein's equivalence equation but with terms resolved to show the conversion of matter *from* energy, i.e., $E/c^2 = m$. Also remember that I said the laws in the Intangible Realm were different from those in the Tangible. In Intangibility, matter doesn't exist, except as a potential. And time has no meaning without matter to measure it by. In the Tangible Realm, where the speed of light sets the limit for the movement of energy, the square of that speed is only the huge number previously noted, used as the exchange rate between mass and energy. But in Intangibility, it becomes more than just a number but a real speed in the infinity of God. In fact, from the perspective of God, it is a contraction! And E is the spiritually infinite *Driving Force* for Creation. Consider the resolved equivalence equation one final time. Leave E/c^2 on the side of Intangibility. Place m on this one. It would explain how the exploding matter got here to begin with.

Still, as I said, scientists don't think anything on the other side of the speed of light could ever get to this side. But that is only because they are limiting themselves to tangible laws. Energy doesn't exist there in the form that we know it. We're talking about a "place" where Everything was created from Nothing – or, no thing – Nonchange! Therefore, how it happened is impossible for me, as well, to answer unequivocally. I can only point to why it did.

Understanding the distinction between Nonchange and Change, though, does answer the question as to why the Big Bang, as such, can only happen once. I mean, you can draw a comparison with new stars that are created, and their eventual demise through Super Novas and Black Holes. And I've done so myself to show how the Universe self-generates through the Realm of the Intangible. But none of these ancillary events can compare with the formidability of the original. Today when it happens, whether in stars or nuclear reactors, the Universe has already been damped sufficiently to prevent the effect that occurred at the Big Bang, at lease on that scale.

The reason for the lack of repetition is quite clear. The creation of Change from Nonchange can only happen once. Once both exist, you can never go back to a point with only the latter, where there is no time and no space. It was the manifestation of Change from Nonchange that made the Big Bang possible, that provided the *Driving Force* for God to bridge the gap and manifest as the Universe. And it was something that God only had to do a single time!

Still, you may feel I've left the essential question unsatisfactorily answered. How did infinite intangible matter within the Nothingness of God become infinite tangible matter within the singularity of the Universe? Reexamine the harmonic conditions of the reversed *1st level* quadrality that I discussed in *Footnote 153*, p. 383. For your convenience, and for those who may have skipped it, I'll reproduce it here:

⋈
Ideology/Behavior // Limitation/Condition

Realize that at the Balancing Center, which with this arrangement we can think of as the singularity, the *Intangible Physical Realm* is on one side and the *Tangible Physical Realm* is on the other. We've seen how all the energy in the Universe, if the Big Bang reversed into a Big Crunch, would be absorbed into that singularity of infinite matter. Now imagine what happened on the other side prior to the Big Bang. Begin with Infinite Spiritual Energy – Nonchange. This macrocosm, in accord with Spiritual Law, found balance in its own contraction – the microcosm of Infinite Spiritual Matter. In so doing, it established the Principle of Change in the Spiritual Realm. And the amount of energy in that contraction is beyond my comprehension. Then, the two together had to seek balance by manifesting their counterparts in the Physical Realm.

The question again becomes, how could this happen? Nothing can bridge the gap between Intangible and Tangible. If in a closed system all you allow for is Duality – the *Second Harmonic* – the Universe, you'd be correct. But something could bridge the gap: the fundamental that spans both Realms. Unity – the *First Harmonic* – God. It was already there. All it had to do was be set into motion at the Balancing Center by the Infinite Vibration that could resonate on both sides. And the resulting physical explosion was inevitable, the balance to the preceding spiritual implosion. Of course I don't expect you to take my word for it; and though I've yet to complete my case – which will include a thorough, scientifically founded scenario – I know at least for now I lack a way to prove my intuitions. But return for a moment to Figure H-U and re-examine it for yourself; and see if this doesn't feel right and make sense to you, too.

There is one more fundamental difference in Einstein's equivalence equation that must be realized, depending on the realm it's applied to. In the Physical Realm, when energy is converted to matter or matter to energy, the two parts added together make the whole. In the Spiritual Realm, when energy is converted to matter, each part equals the Whole! That's why spiritual and physical energy can't really be compared. And as a result, once the Tangible Realm was manifest, the Intangible Realm remained unscathed. It was the same infinite Unity of God that existed prior to the occurrence. We've understood this principle in discussing the *Holy Trinity* and the *Holy Quadrality*. Now consider the principle in the context of the *Nonchange-Change Dynamic Stability*. The absolute frame of reference – Nonchange – never goes away. Always there, always faithful, it provides everything that exists within the framework of time and space a home to find the Truth.