The Physics of Spirit

Four Energetic Propositions that Enliven the Human Condition

J. Frederick Arment

A Treatise on the Theoretical Derivatives of a Universal Waveform Theory

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By J. Frederick Arment

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BLUE HOT BOOKS

THE WAVEFORM THEORY

Recent breakthroughs in the field of physics have implications for the historical separation between matter and spirit. The definition of matter is illusive because it exhibits both particle and wave characteristics. According to the Standard Model of particle physics as well as new resonance models, matter is comprised of energy temporarilly trapped in a spacial relationship expressed as a particle. The energy in matter can be released by an external impact such as that which occurs in a particle accelerator.

Light is not matter. The term light generally refers to the electromagnetic spectrum of waves for any wavelength, whether visible or invisible to the eye. Photons, or the fundamental particles of light, have no mass to measure, travel at light speed, and are pervasive in the universe.

Spirit is also not matter. In theologial terms, spirit is defined as incorporeal, immaterial, or ethereal. Spirit is often described in the context of light. For instance, in John 1:5 of the Christian Bible, "God is light." In Hinduism, Dawali is the Festival of Light. In Islam's Al-Nur 25:34, "God is the light of the heavens and earth."

Spirit is consonant with at least two characteristics of light. It has no mass that can be measured and, in theological thought, is pervasive throughout the universe. As a massless and omnipresent field of potential, spirit is a form of energy, though mysterious and little understood. As with all mysteries once revealed, either in life or death, spiritual energy will necessarily be incorporated within the expanding laws of physics. Indeed for those with or without traditional faith, the scientific method presents a form of revelation that can be utilized to give insights on how spiritual energy works.

The natures of matter, light, and spirit have practical implications for the human condition. According to science, our bodies are simply composite waveforms. We are vibratory energy composed of particles and waves that flow by the laws of physics. Our energies interact with the energies in our environment. We emit and receive waves. We flow through and interconnect with outside waveforms. When our interactions with the outside world are destructive, energy dissipates. When our interactions are constructive, energy increases.

Physical interactions -- such as eating, drinking, and breathing -- sustain our bodies. Mental interactions, such as observing, responding, and planning -- are energy transfers that endeavor to increase our wellbeing. Spiritual interactions -- such as meditation, rituals, and worship -- are energy interactions that help us experience a feeling of unity beyond oneself.

These human energy interactions, whether physical, mental, or spiritual, often flow with the use of waveguides. A waveguide is something that constrains or guides the propagation of waves, such as electromagenetic waves or sound, with minimal loss of energy. It routes energy along a path defined by the physical construction of the waveguide. Simple engineered examples are wires, cables, and antennas. Complex guides for physical and mental interactions include the cells in our bodies and the synaptic nerves of our brains. Depending on the structure of the waveguide, energy guided can be amplified, increased, and/or stored.

Consistent with the waveform model, humans have also evolved and constructed spiritual waveguides to channel or guide our spiritual energy. These guides for spiritual interactions include our methods of prayer, our religions, and the interpersonal relationships that increase our feeling of love with others.

The name we give to the part of us that channels spiritual energy is the soul. The soul is a part of our individual consciousness, which can be considered either as a gift of God or, just as our larger brains developed higher level thinking, as an evolutionary construct of humanity. The soul can be visualized as a waveguide or, as defined in religious texts, a vessel that holds the spirit. It allows us to focus, emit, and receive reciprocating waves of love.

The soul is individual in nature yet, just as we create farms for growing food, we create religions and philosophies as societal waveguides for growing spiritual energy. Faith is our word for belief that these societal waveguides help us connect with the spirit. Tolerance comes from an understanding that these diverse waveguides of faith are of the same nature and are intended only to help the individual connect with the same universal source.

Harmonic vibrations that result from the reciprocating interchanges through our spiritual waveguides increase, amplify, and store spiritual energy, thereby creating an environment where love can flourish. Finding our personal waveguides, whether they are in nature, a religion, or a special person in our lives, achieves the highest level of creative energy, which is called inspiration. With inspiration, as its Latin roots reveal, we experience a sudden and spontaneous "breathing in" of what some consider the divine spark that gives us a creative purpose. Fulfilling our purpose is simply resonating with the energy of universal love.

A theological understanding of the physics of spirit provides a way to fully realize our spiritual potential. It allows us to eclipse the dualistic divisions of matter and spirit and live not as a part but fully in the whole. Through the reciprocating energy of love, we experience the resonant harmony, understanding, and peace that we all journey toward.

FOUR ENERGETIC PROPOSITIONS
THAT ENLIVEN THE HUMAN CONDITION

(Expanded explanations follow in the next section)

1. Spirit flows by the laws of physics.

Whether from a divine or corporeal source, our fundamental nature is composed of waves in various forms that carry energy, which resonates within what science describes as a continuum, either of spacetime or filamentary space.

2. Spirituality is evident in the creative interplay of radiant energy.

The pervasive shower of radiant energy, or the energy conveyed in photons or waves of light, is transformed into spiritual energy when people interact spontaneously, beyond cause and effect.

3. Spiritual waveguides give purpose through reciprocal love.

People create waveguides to focus radiant energy in synchrony with other waveforms to achieve the harmonic resonance that increases, amplifies and stores the spiritual energy we associate with love.

4. The dual nature of radiant energy offers a spiritual choice for how we live.

As a condition of the universe, the pervasive field of potential and kenetic energy is the source from which all things are created, through which all things experience love, and to which all things eventually return.

Note: Radiant energy is the energy of electromagnetic and gravitational radiation. Radiant energy can be defined as the waves themselves or as the energy the waves carry in their oscillating electric and magnetic fields. Energy can neither be created or destroyed but it can be transformed into new waves with different properties. Waves have energy and momentum and interact with other waves through either cause-and-effect or spontaneous processes. Spontaneity is the non-causal process that happens within the wave itself as expressed in an autonomous, creative interaction. Spontaneous processes cause a decrease in a system's free energy and do not need to be driven by an outside source of energy.

EXPANDED EXPLANATION

1. Spirit flows by the laws of physics.

Whether from a divine or corporeal source, our fundamental nature is composed of waves in various forms that carry energy, which resonates within what science describes as a continuum, either of spacetime or filamentary space.

The material and nonmaterial universe is comprised of oscillating electromagnetic waves that carry energy in the form of particles and light. The material world is energy trapped in a particle waveform that can be measured by space and time. The nonmaterial world is a pervasive field of massless radiant energy that we experience as the spectrum of electromagnetic waves, of which a small portion includes visible light. What we call spirit, though little understood but evidenced in our experience (e.g. love), is consonant with the massless and pervasive character of light. Physics, as the body of knowledge that describes the way energy functions, must necessarily incorporate spiritual energy within its known and yet-to-be-discovered laws.

The finite universe, in contemporary religious and scientific thought, was either created by a diety or emerged spontaneously from infinite field potential as a singularity or microcosm of matter. All energy within the radiant spectrum of light as well as those expressed as matter are interconnected aspects of an omnipresent field. The energetic nature of the universe does not either preclude or prove an *a priori* source, or God, but rather offers an attainable and understandable spiritual quality within the electromagnetic spectrum as a means of human attainment. As such, the existence and function of spiritual energy can be more clearly understood as we learn more about the laws of physics.

2. Spirituality is evident in the creative interplay of radiant energy.

The pervasive shower of radiant energy, or the energy conveyed in photons or waves of light, is transformed into spiritual energy when people interact spontaneously, beyond cause and effect.

When we look at the underlying way the universe operates, we see that the waves we emit and absorb necessarily form our personal waveform or energy field. The mechanism of the physical, material universe (i.e., the electromagnetic waveforms that comprise our measurable world) is cause and effect. For every outside cause, there is a reaction. Non-measurable electromagnetic waves (i.e., the spectrum of radiation, which includes visible light) are also subject to cause and effect. Yet beyond cause and effect, there are subtle interactions that are spontaneous in nature (i.e., within the person or system itself; without outside cause).

These spontaneous interactions continuously and creatively transform the universe as well as our individual lives. The use of radiant energy for spontaneous interactions differentiates spiritual energy from the energy used for cause and effect interactions. Within the realm of spontaneity, waves can be constructive (consonant) or destructive (dissonant). What we experience as spiritual energy is within the spectrum of constructive spontaneity.

3. Spiritual waveguides give purpose through reciprocal love.

People create waveguides to focus radiant energy in synchrony with other waveforms to achieve the harmonic resonance that increases, amplifies and stores the spiritual energy we associate with love.

A waveguide is a structure that guides waves. Examples include computer cables and musical instrument. By restricting the normal expansion of a wave, the guide enables the energy it carries to move with minimal loss of its potential. In the case of antennas, for instance, through the reciprocating process of emitting and receiving signals, the waveguide's effect can achieve directional gain, increased amplitude, and/or store additive strength.

Spiritual energy, or creative spontaneous energy as differentiated from destructive spontaneous energy, can also be directed by the use of a waveguide. The act of directing our spiritual energy toward another waveform (e.g., person, animal, even a house or nature itself) is the act of loving. Humans have given a name to this individual waveguide for constructive spiritual energy: the soul. Similar to the evolutionary rise in the ability of our minds to give structure to our thoughts (which, indeed, can be constructive or destructive), the soul is a construct of consciousness that can be fine tuned and utilized for the purpose of giving and receiving love.

When love is returned as a reciprocating wave from that which you give love, the frequency of the two energetic waveforms can be in phase, which can achieve the benefits of harmonic resonance. When two souls are synchronized, the wavelengths of energy become consonant, or combined, to achieve twice the amplitude and greater intensity than is possible alone. Through our spiritual waveguides, we can focus, amplify, and store love. Achieving a state of reciprocating love with other waveforms is the path of least resistance and gives us our sense of peace and creative purpose.

4. The dual nature of radiant energy offers a spiritual choice for how we live.

As a condition of the universe, the pervasive field of potential and kenetic energy is the source from which all things are created, through which all things experience love, and to which all things eventually return.

Creation can be as vast as the birth of the universe or as humble as a child's painting. Both have commonality in the spontaneous nature of the act of creating. The energy of creation is carried by waves from a source in and of itself, whether a child, or nature, or a divinity. Everything in the universe is necessarily the constructive result of a spontaneous creative action.

Love is an act of creativity that is comprised of guided energy-bearing waves derived from the overall radiant spectrum. Energy is differentiated as the energy of love, aftereffect, as a result of its spontaneous use rather than the mechanism of cause and effect. Whether from a gift of a diety or by the evolution of consciousness through natural selection, mutation, and genetic drift, the spiritual waveguide we call the soul gives us a means for efficiently focusing radiant energy and reciprocating in harmonic resonance with the object of our love.

As a form of spiritual revelation, the scientific method has shown that the law of the conservation of energy provides that no energy can be created or destroyed within the system of the universe. When a person loses the energy that makes up his/her living material waveform, that energy necessarily survives. Eventually, the vestiges of our material form dematerialize and returns to the radiant energy from which all things are created. As acts of creation, the transformative energy of loving by individual souls continues to exist as the consonant effects of a changed universe, perhaps within the realm of a collective soul.

When we die, our legacy of love has transformed the universe. In theological terms, the remnants of our energy rejoins God. In scientific terms, our energy returns to the universal potential of creation.

CONCLUSION

To embrace the idea that all things are of a wave nature is to see the world in a less material way. It allows us to dematerialize the spiritual world as the interplay of radiant energy. It releases us from uninspired dogma or a diety reflective of our own image. By dematerializing the soul as our personal waveguide of love, we can fully utilize the laws of harmonic resonance within the physics of spirit. By dematerializing our belief systems as waveguides of faith, we can energize the spiritual life that is the essence of universal love.

To understand our wave nature is to be conscious of the underlying currents that release us from cause and effect toward spontaneous, creative love. The more we comprehend that spirit flows by the laws of physics, the more we can benefit from the way spiritual energy works to enhance our lives and those around us. We are then free to cultivate our spiritual waveguides as meditative practices that increase, amplify, and store love's energy.

The dual nature of radiant energy as cause and effect or spontaneity offers a profound opportunity, or choice. By recognizing that the fundamental wave nature of the universe heals the divisiion between matter and spirit, we can better understand spontaneity and utilize spiritual energy. The present waveform of our bodies is the composite energy field of our individual creation and love is the cumulative energy that transforms our lives.