

Unifying all opposites in Wholeness

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We live in a paradoxical world, full of contradictions, a situation that the fragmented Western mind tends to deny. For, as Aristotle's Law of Contradiction states, "It is impossible for the same attribute at once to belong and not to belong to the same thing and in the same relation ... as some imagine Heraclitus says," which is the implicit axiom for deductive logic and mathematical proof.

While these linear methods of reasoning have led to the invention of the computer, they have also led Western thought into an evolutionary cul-de-sac, with nowhere further to develop. The world we live in is highly complex and so no mechanistic deductive, inductive, or abductive system of reason can possibly help us to map the Cosmos in a meaningful manner. We need a nonlinear, holographic approach to reasoning to understand what it means to be human and our place within the overall scheme of things.

So, given the turbulent state of the world, if we are to find Inner Peace, ending the war that Deepak Chopra and Leonard Mlodinow fought in *War of the Worldviews: Science vs. Spirituality*, we need to follow Albert Einstein's observation that you cannot solve a problem with the mindset that created it.

This is one of many paraphrases of a statement he made in an article at the end of the Second World War titled 'The Real Problem Is in the Hearts of Men', which began with these words: "Many persons have inquired concerning a recent message of mine that 'a new type of thinking is essential if mankind is to survive and move to higher levels'."

For myself, I have spent the last forty years developing such a coherent system of thought necessary to answer the most critical unanswered question in science: *What is causing scientists and technologists, aided and abetted by computer technology, to drive the pace of scientific discovery and technological development at unprecedented exponential rates of acceleration?*

The Cosmic Psyche

To answer this question through introspection, I have needed to recognize the existence of the Cosmic Psyche, the ninety-nine percent of the Universe that is inaccessible to our five physical senses, the last frontier of human learning, still little understood. For while most agree that a rose is a rose is a rose, during the thousands of years of human learning, we have struggled to understand that which is beyond the material world, developing a host of words in different languages within the context of various cultural worldviews to describe our experiences of what we all intimately share in common.

For there is not your psyche and my psyche, as characteristics of apparently separate beings, as Vimala Thakar pointed out in *Spirituality and Social Action: A Holistic Approach*. In the utmost depths of existence, we all share the one Cosmic Psyche with all other beings, sentient or not. We can see this most clearly from a letter that Einstein wrote to Jaques Hadamard in 1945, published in *The Psychology of Invention in the Mathematical Field*, which began with these words:

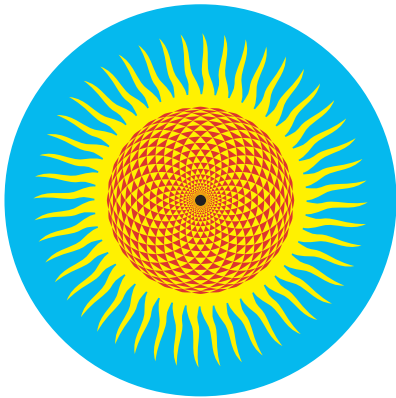
The words or the language, as they are written or spoken, do not seem to play any role in my mechanism (*sic*) of thought.

The physical entities (*sic*) which seem to serve as elements in thought are certain signs and more or less clear images which can be 'voluntarily' reproduced and combined.

The Cosmic Psyche thus contains all concepts and all mathematical objects and theorems, not generally acknowledged by conventional scientists, more focused on the outer than the inner. Not that everybody has

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lived in complete ignorance. For instance, Yehuda Berg highlights the vastness of the Cosmic Psyche in *The Power of Kabbalah*, where he says, there is a curtain that divides our reality into two realms, 1% being our physical world, while the other 99% “is the source of all lasting fulfilment. All knowledge, wisdom, and joy dwell in this realm. This is the domain that Kabbalists call Light.”



In my experience, this Light is Cosmic Consciousness, symbolized here, enabling Self-reflective Divine Intelligence—as the eyesight of Consciousness—to scrutinize every sub- and unconscious nook and cranny of the Cosmic Psyche. By bringing up into consciousness everything that is hidden, I have been able to use the coherent light of Consciousness to develop a holographic map of what the Universe is and how it is intelligently designed.

Hidden in the utmost depths of the Cosmic Psyche is the fundamental law of the Universe, which Heraclitus of Ephesus aptly called the *Hidden Harmony*, saying in the few fragments that have survived, “The Hidden Harmony is better than the obvious” and “Opposition brings concord; out of discord comes the fairest harmony.” Aristotle rejected this universal truth, in common with many of his fellow citizens, who consequently experienced much suffering, out of touch with their True Nature, which is Wholeness.

For Heraclitus also said, “People do not understand how that which is at variance with itself agrees with itself,” and “We should let ourselves be guided by what is common to all. Yet, although we all share the Universal Law (*Logos*), the majority live as if they had understanding peculiar to themselves.” Similarly, in *Tao Te Ching*, Lao Tzu said, “The Tao is the hidden Reservoir of all things,” and “My words are very easy to understand and very easy to practice: But the world cannot understand them nor practice them.”

In more recent times, Carl Gustav Jung wrote in his *Commentary* to Richard Wilhelm’s translation of *The Secret of the Golden Flower*, “The Chinese have never failed to recognize the paradoxes and the polarity inherent in all life. The opposites always balance on the scales—a sign of high culture. Onesideness, though it lends momentum, is a mark of barbarism.” So unifying all opposites in Wholeness lies at the heart of Jung’s healing practice of individuation—the development of an undivided being. In this simple manner, we can transform conflict-ridden, either-or methods of thinking into a harmonious, both-and way of being.

The Principle of Unity

To bring the paradoxical Hidden Harmony into Western reason in a consistent manner, I have generalized the abstract, nondeductive modelling methods that information systems architects use to design applications and databases on the Internet, which could not exist without these transcultural methodologies. The result is *Integral Relational Logic*, which is the commonsensical art and science of mind and consciousness that we all implicitly use every day to form concepts and organize our ideas.

The fact that we often think and act without a conceptual understanding of what we are doing is most simply illustrated with Molière’s *Le Bourgeois Gentilhomme*. M. Jourdain asked his philosophy teacher, “What? When I say: ‘Nicole, bring me my slippers, and give me my nightcap,’ is that prose?” The philosopher replied, “Yes, Sir.” “Good heavens!” exclaimed M. Jourdain, “For more than forty years I have been speaking prose without knowing it.”

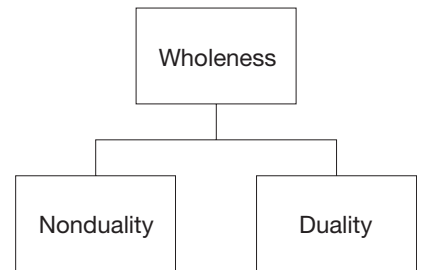
Transdisciplinary Integral Relational Logic thus lies hidden within the very fabric of the Cosmic Psyche, governing the Universe through its fundamental law, which I call the *Principle of Unity*, stating *Wholeness is the union of all opposites*. But, is this proposition true? Well, yes and no. For affirming and denying the

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truth of the Principle of Unity confirms its validity. The Principle of Unity is an irrefutable, universal truth, applicable in all situations. Being of the utmost simplicity and generality, it is all-powerful.

Such omnipotence derives from the primary-secondary relationship between the truth and falsity of the Principle of Unity, which has profound implications for the way we view the Universe and live our lives together. For there is a tendency in the West to put the cart before the horse, for the tail to wag the dog, quite illogical. We see this most clearly in the widespread belief that the physical universe of mass, space, and time is the Universe, with Consciousness as an epiphenomenon. Yet “Consciousness is all there is,” as the Advaita sage Ramesh S. Balsekar was wont to say after meeting his Guru, Nisargadatta Maharaj.

After many years of psychospiritual practices, this is my experience too. The Cosmic Psyche is the Divine Matrix, like Aditi in *Rig Veda*, giving birth to the Totality of Existence. This simple diagram, which has been guiding all my endeavours during the second half of my life, well illustrates the primary-secondary relationship between the Formless, Nondual Absolute and the relativistic, dual world of form.



I also call the Principle of Unity the *Cosmic Equation*, expressed here as the unification of Western mathematical logic and Eastern mysticism:

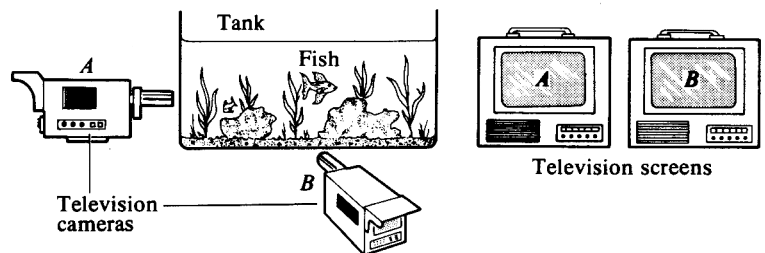
$$W = A = A \cup \neg A = \text{陰陽} = \text{ॐ}$$

Here W is any whole, including Wholeness, A is any being, including the Supreme Being and all human beings, \cup is union, and \neg is not. The Chinese characters denote *yin* and *yang*, as inseparable dark and light, moon and sun, female and male, etc., unified in the symbol for OM or AUM, the union of *Brahman* and *Atman* in the *Mandukya Upanishad*. In the words of Meister Eckhart, the pre-eminent Christian mystic, “The eye with which I see God is the same as that with which he sees me.”

The Cosmic Equation is the equation that Einstein sought at the heart of his unified field theory, never found, as a BBC Horizon drama documentary titled ‘Einstein’s Unfinished Symphony’ describes. Similarly, Stephen W. Hawking did not find the unifying elegant equation that explains everything in the universe, as *The Theory of Everything*, a biopic of his life, tells us.

Yet, today, using Integral Relational Logic as the Cosmic Context, Gnostic Foundation, and coordinating framework, it is quite possible to solve the ultimate problem of human learning, integrating all knowledge in all cultures and disciplines at all times into a coherent whole. All knowledge is the Theory of Everything, which Brian Greene defines as “a theory capable of describing nature’s forces within a single, all-encompassing, coherent framework”. By unifying the psychospiritual energies within us with the four forces recognized by physicists, I call the synthesis of everything the *Unified Relationships Theory*, or *Panosophy*, the complete unification of science, philosophy, and religion and of all sciences and humanities.

Most significantly, the Principle of Unity completes David Bohm’s endeavour in *Wholeness and the Implicate Order* to unify relativity and quantum theories. For they display opposite characteristics, the former having the properties of continuity, causality, and locality, with the latter being characterized by noncontinuity, noncausality, and nonlocality. Bohm used the metaphor of a fish swimming in a tank with two television cameras filming it to illustrate the undivided wholeness of the reality underlying apparent contradictions, where the water is the



multidimensional Ocean of Consciousness, from which no beings are ever separate, like waves and currents on and beneath the surface.

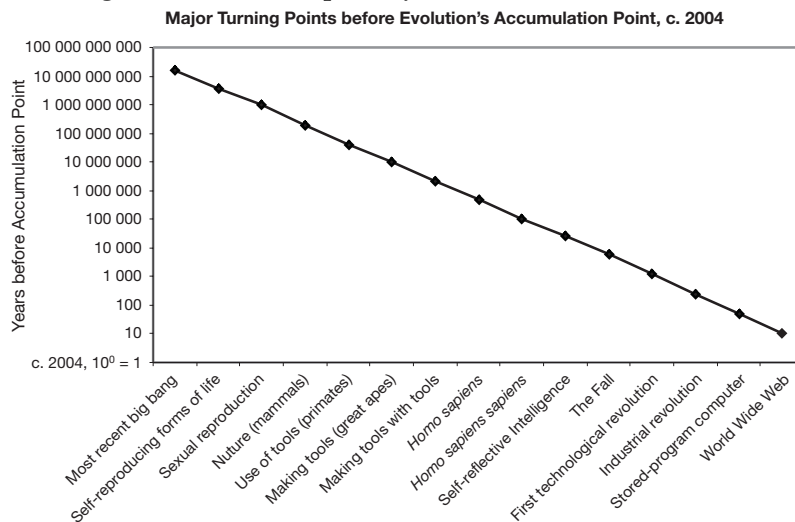
The Sufi poets Kabir and Rumi similarly used water as a metaphor for Ultimate Reality, respectively saying, “I laugh when I hear that the fish in the water is thirsty” and “Love is the sea of not-being and there intellect drowns.”

Our evolutionary inheritance

It might appear that Integral Relational Logic and the Unified Relationships Theory are products of around 13.8 billion years of evolution since the most recent big bang. For Pierre Teilhard de Chardin and Peter Russell showed in *The Human Phenomenon* and *The Awakening Earth*, respectively, that we humans would not be where we are today without this evolutionary inheritance.

However, appearances can be deceptive. If evolution is to become fully conscious of itself, as Julian Huxley prophesied in an essay ‘Transhumanism’, we need to destroy “the ideas and the institutions that stand in the way of our realizing our possibilities”, enabling us to live in ‘mystical ecstasy’. Similarly, Jean Houston calls the changes that evolution is making today ‘Jump Time’, writing, “Jump Time is a whole system transition, a condition of interactive change that affects every aspect of life as we know it.” As she says, “Ours is an era of quantum change, the most radical deconstruction and reconstruction the world has seen.”

Such a radical change of direction is absolutely imperative, recognizing the existence of Life, emerging directly from the Divine Origin of the Universe, like a fountain. Because evolution is accumulative, building on what is already manifest, it is now developing at unprecedented exponential rates of acceleration, as Peter points out in his SAND article ‘What If There Were No Future?’ We can see this most clearly when we apply the logistic map in nonlinear systems dynamics to mathematically model evolution under constraint, showing why fourteen billion years of evolution passed through a Cosmic Singularity, as its Accumulation Point, in 2004, give or take a couple of years, illustrated here:



As structure-forming relationships are causally accumulative, what this semi-logarithmic chart shows is that the periods between major evolutionary turning points have been diminishing geometrically. So even though there are an infinite number of terms in such geometric series, their total sum has a finite limit. For instance, when successive terms in the series diminish by two, we have:

$$1 + \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \dots = 2$$

Using chaos theory to map the whole of evolution, the factor between the terms in the resulting

evolutionary geometric series converges on the reciprocal of a mathematical constant δ (4.6692), known as the bifurcation velocity constant. This constant is not just applicable to the logistic map. Mitchell J. Feigenbaum discovered that it is a universal constant, like π , applicable to all bifurcating systems, no matter what function generates them. Comparing evolutionary bifurcations to a dripping tap, the evolutionary tap is now turned full on, with no further turning points to be discerned, the most momentous change in evolutionary history. This explains why democratic political systems have been blindly accelerating into chaos in recent years, with narcissistic nationalism and demagogic populism on the rise.

Rising above our machines

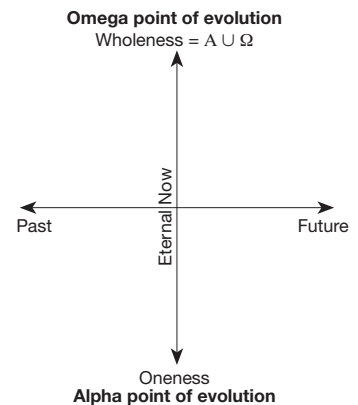
While the psychological reasons for this chaos are probably unresolvable in the populace at large, many still have the wonderful opportunity of discovering what it truly means to be human. To do so, we need to question Vernor Vinge's prediction that an evolutionary singularity will happen in 2023, when "we will have the technological means to create superhuman intelligence [in machines]." As we humans are the leading edge of evolution, not machines with so-called artificial general intelligence, the human era is not about to end, as he and other influential scientists believe. In illustration, no computer could program itself to solve the ultimate problem in human learning without human, that is Divine, assistance.

Such widespread misconceptions about the potential capabilities of machines vis-à-vis humans illustrate that what we have learnt about ourselves and our origin as a species during thousands of years of human history can inhibit us from intelligently adapting to our rapidly changing times, being driven by scientists and technologists. Most importantly, the Principle of Unity shows that the Alpha and Omega Points of evolution are inseparable. So, if all the divergent streams of evolution are to converge at its Omega Point, as Teilhard prophesied, this can only happen if we start afresh at the very beginning, at the Divine Origin of the Universe, its Alpha Point. For instance, Integral Relational Logic has become manifest by starting at the end and ending at the beginning, without any axioms or assumptions.

In other words, we need to recognize two dimensions of time, with a primary-secondary relationship between the vertical and horizontal dimensions, as this diagram illustrates. Living in the Eternal Now is especially important at the present time, as we rush towards the sixth mass extinction of the species, including *Homo sapiens*. We can only calmly come to terms with this evolutionary inevitability by standing outside ourselves in union with the Divine—as the Immortal Ground of Being—free of the sense of a separate self. For all structures are born to die, including all physical universes in the multiverse of such universes. As Shakyamuni Buddha said on his deathbed, "All component things in the world are perishable. They are not lasting. Strive on with diligence."

This means that we cannot realize our fullest potential as superintelligent humans by starting where we are today, with the conventional work ethic, putting technological development, economic growth, and earning a livelihood before the awakening of consciousness. As Peter Russell says, at these rapidly changing times, innovation is unpredictable, bringing in something new and unforeseen. This is especially the case with the second heliocentric revolution, for, as Willis Harman said at a new paradigm conference in 1986, when President of the Institute of Noetic Sciences (IONS):

Most educated people in this country [the USA] would think it pretty preposterous to suggest that the change that is taking place is at as deep a level as the change that took place during the Scientific Revolution, because that would imply, of course, that the near future—the early part of the next century—would be as different from present times as present times are from the Middle Ages.



Living at the end of time

As evolution becomes increasingly conscious of itself within us humans, we live in apocalyptic times, revealing what has been hidden in the depths of the Cosmic Psyche for much of human history. For *apocalypse* derives from Greek *apokalupsis*, from *apokaluptein* ‘to uncover’ or ‘to reveal’, from the prefix *apo* ‘from, away’ and *kaluptra* ‘veil’. So *apocalypse* literally means ‘draw the veil away from’, indicating the disclosure of something hidden from the mass of humanity: the Principle of Unity. For then we can all say, in the words of John of Patmos in the *Book of Revelation*, “I am Alpha and Omega, the beginning and the end, the first and the last.”

One of the most insightful books on the psychospiritual and ecological challenges facing humanity today is *Extinction Dialogs: How to Live with Death in Mind*, which Andrew Harvey asked Carolyn Baker and Guy McPherson to write in 2014. As Andrew said in a YouTube video with Guy, in today’s apocalyptic situation, we need to act with peace and joy and compassion, giving up the fruits of action, come what may. ‘Giving up the fruits of action’ comes from an exhortation in the final chapter of *Bhagavad Gita*, which much inspired Mohandas Gandhi to write, “He who ... is without desire for the result and is yet wholly engrossed in the fulfilment of the task before him is said to have renounced the fruits of his action.”

Similarly, Matthew Fox wrote in the Preface to Andrew Harvey and Carolyn Baker’s *Savage Grace: Living Resiliently in the Dark Night of the Globe* from 2017, “Ours is a time not only for scientists and inventors but also mystics and contemplatives to join hands so that our action flows from being and from a deep place of return to the Source.”

Peter Russell says much the same thing in his SAND article on our rapidly changing times, saying that we shall need the support and companionship of others. “Caring for each other will become more valuable than ever, helping alleviate stress and suffering, adapting to unexpected circumstances, letting go of cherished lifestyles, and adjusting to new social and economic realities. We will need to open our hearts and be more forgiving, seeing ourselves with kinder, non-blaming, eyes.”

However, despite the great awakening of intelligence and consciousness around the world today, sages and scientists have not yet cocreated the social structures we need to synergistically accelerate our understanding of what is happening to us all as a species. It would greatly help the formation of such healing, liberating communities if we could work harmoniously together to complete the final revolution in science, free of the delusions that have bedevilled human learning for thousands of years.

For this to happen—resolving the great existential crisis we face today—we need to let go of attachment to the psychosocial structures that provide many with religious and economic immortality symbols, which have traditionally provided a sense of identity and precarious sense of security. For *identity* derives from Latin *idem* ‘same’ and the Genuine Identity we all share is Nondual Wholeness, resting in Stillness in the Presence of the Divine, literally existing ‘before being’, before opposites split.

If we are to maintain our sanity at these critical times, letting go of the status quo, as Vimala Thakar encourages us to do in *Spirituality and Social Action*, she asks, “Do we have the vitality to go beyond narrow, one-sided views of human life and to open ourselves to totality, wholeness?” For as she says, “The call of the hour is to move beyond the fragmentary, to awaken to total revolution.”

Accordingly, if we could become free of our mechanistic conditioning, collectively rebuilding the entire world of learning on the direct experience of our True Nature, we would bring universal order to the chaos all around us today, enabling as many humans as possible to intimately unify all opposites in Wholeness. For *intimate* derives from Latin *intimus* ‘innermost’, the superlative of *in*. So, when we meet in intimacy, we realize that Love is the Divine Essence that we all share.