

# Positioning *Wholeness* in the History of Ideas and Marketplace

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*Wholeness: The Union of All Opposites*, alternatively titled *Semantic Principles of Natural Philosophy*, is the solution to the problem that Albert Einstein and Isaac Newton spent the last thirty and the first twenty-five years of their adult lives, respectively, trying to solve.

In the event, Newton gave up his attempt to rediscover the *prisca sapientia* ‘ancient wisdom’ by integrating what were known as natural philosophy, alchemy, and theology at his time to write and publish the *Mathematical Principles of Natural Philosophy* in 1687. In this way, he not only completed the Copernican Revolution, but also laid down the foundations for the Industrial Revolution in the next century, bringing about the most fundamental changes in human society since our forebears stopped hunting and gathering and settled in farming communities to cultivate the soil and domesticate animals, some several thousand years earlier.

Einstein did not complete what the BBC called his ‘Unfinished Symphony’ in a documentary broadcast in the UK in 2005 and in Sweden in 2009 basically because the time was not right for him to do so. Specifically, Einstein did not like the probabilistic nature of quantum physics and so attempted to develop what he called the unified field theory with only electromagnetic and gravitational forces, ignoring the strong and weak nucleic forces. This is a pity, for as Michio Kaku said in the documentary, if Einstein had been successful in his search for certainty, “The theory of everything would have been the Holy Grail of science; it would have been the Philosophers’ Stone. It would have been the crowning achievement of all scientific endeavours ever since humans walked the face of the Earth.”

The next major figure in humanity’s millennia-long search for Wholeness was David Bohm, who was a colleague and friend of Einstein at Princeton in the 1940s and 50s, and with whom I had a series of dialogues between 1980 and 1992, when he died, exchanging several exploratory papers. David Bohm also held a series of dialogues with J. Krishnamurti, drawn together by the notion that the observer and observed are one. The last of their dialogues in 1980, edited by Mary Cadogan and published as *The Ending of Time*, were focused on answering the question, “Has humanity taken a wrong turn which has brought about endless division, conflict, and destruction?”

Bohm, himself, saw the essential problem facing both humanity and science as the fragmentation of the mind. As he said in the opening paragraph of *Wholeness and the Implicate Order*, “fragmentation is now very widespread, not only throughout society, but also in each individual,” each of which “has been fragmented into a large number of separate and conflicting compartments”. “Thus art, science, technology, and human work in general are divided up into specialities, each considered to be separate in essence from the others.” “The notion that all these fragments are separately existent is evidently an illusion, and this illusion cannot do other than lead to endless conflict and confusion.” It is not surprising therefore that Osho said that we are all suffering from schizophrenia, literally ‘split mind’, and that Erich Fromm spent much of his life studying the aetiology of our sick society, necessary for us to be healed, to become Whole.

Although physics is a specialism, Bohm sought to free science of its Cartesian-Newtonian mechanistic paradigm by diving beneath the surface of things, recognizing the existence of an undivided reality, which he called the holomovement, like an ever-flowing river of life. With his theory of the implicate order, he then reconciled the incompatibilities between relativity and

quantum theories, pointing out that quantum mechanics should really be called quantum *non*mechanics because paradoxical quantum phenomena are clearly not mechanical.

For myself, I first met David Bohm in November 1980 at London University after I realized that the global economy, viewed as a machine, is dehumanizing and unsustainable. For if we human beings are machines, and nothing but machines, as the scientists assert, then artificial intelligence would be possible, and as human labour became ever more expensive compared with mechanical labour, it would be the economic imperative of our times to replace all cognitive tasks in the workplace with suitably programmed computers. The massive increase in unemployment that would result would clearly be unsustainable.

On the other hand, if there is something nonmechanical about us, then human beings would be the leading edge of evolution, not computers. The widespread belief that technological development can drive economic growth indefinitely would similarly be unsustainable. Under these circumstances, we would need to make radical changes to the work ethic, regarding the awakening of human intelligence to be central to the resolution of human woes, not technology.

To determine whether the global economy would self-destruct within thirty years because artificial intelligence is possible or because it is not, in the winter of 1980, I set out to develop a comprehensive model of the psychodynamics of the entire workplace, regardless of whether computers or human beings perform tasks, including my own job of creating the model. While developing this model—requiring the observer and observed to be one—I wondered what is causing scientists and technologists, like myself, to drive the pace of technological development at exponential rates of accelerating change. This led me to see that there are nonphysical, mental energies at work in the Universe, as well as the physical ones recognized by materialistic science.

So I set out to develop a coherent body of knowledge that would unify the psychospiritual energies that I had ‘discovered’ with the physical ones recognized by the scientists. With the invaluable assistance of David Bohm, I have now completed this task, returning Home to the bliss of Ineffable, Nondual Wholeness. But sadly, no one on Earth understands this solution to the ultimate problem of science, any more than many understood Newton, Einstein, and Bohm’s syntheses when they were first published. Indeed, it was clear at a conference organized by the Scientific and Medical Network (SMN) on the legacy of David Bohm on 21st November 2009 in London called ‘Infinite Potential’ that none of his closest colleagues really understood his revolutionary worldview. For instance, while the word *wholeness* was mentioned occasionally, *fragmentation* was conspicuous by its absence.

There are many reasons why no one understands Integral Relational Logic (IRL), the commonsensical science of thought that everyone uses everyday to form concepts and organize ideas, thereby establishing the gnostic foundation and metaphysical framework for the Unified Relationships Theory (URT), the much sought-for theory of everything. These include:

- IRL is the solution to a business management and modelling problem that no one on Earth knows exists, even professionals in the information technology industry.
- To develop IRL, and thereby heal my fragmented, split mind, I passed through an unprecedented apocalyptic death and rebirth process in the spring of 1980, as all the divergent streams of evolution converged within me in a megasynthesis of everything.
- To develop IRL, I needed to invoke self-reflective Intelligence, the innate quality that distinguishes human beings from the other animals and machines, like computers, but which is generally stultified at an early age by the education system and other cultural influences.
- Concept formation in IRL is thoroughly egalitarian, where we interpret data patterns simply by noticing the similarities and differences between them, free of any distorting filters, a process that can bring universal order to our thoughts, as David Bohm pointed out, being led to this view of order by the artist Charles Biederman.

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- IRL takes the process of conceptual abstraction, which we use to create concepts such as human being, primate, mammal, vertebrate, and animal, to its utmost level of generality: Aristotle's ontological concept of being.
- At the heart of IRL is the both-and Principle of Unity, the fundamental design principle of the Universe, generally disregarded by egoic, either-or thinking, which has prevailed for thousands of years, providing a divisive basis for linear logic and mathematics, and thereby science, philosophy, religion, and economics.
- The URT is soundly based on seven pillars of wisdom, unlike Western civilization, which is precariously built on seven pillars of unwisdom, misconceptions of God, Universe, Life, humanity, money, justice, and reason, which arise from the false belief that human beings are separate from the Divine, Nature, and each other.
- The basic conceptual building blocks in the URT are form, structure, relationships, and meaning, leading to an all-inclusive view of the Universe as Consciousness, essentially an Eastern, mystical worldview, encapsulated in *Satchidananda* 'Being-Consciousness-Bliss'.
- Because IRL has evolved from the business modelling methods that information systems architects use to build the Internet, money plays no part in the URT's business model, not the least because the financial models developed by economists, management accountants, and investment bankers are based on fear, providing no useful information on how society functions, creating a thick cloud of confusion, inhibiting the Truth being revealed.

However the most difficult notion to communicate is that of Wholeness, itself, not the least because to experience Wholeness, the experiencer needs to disappear, as Osho pointed out. There is no room for the ego in Wholeness, viewed as a seamless continuum, with no borders or divisions anywhere, including planet Earth, as the astronauts returning from the Moon observed.

Mathematically, this self-inclusive worldview can be best understood through the notion of graph, which evolved from Leonhard Euler's pioneering study of maps in the mid 1700s. H. S. M. Coxeter pointed out in 1963 in his classic work *Regular Polytopes* that a graph or map could be extended into  $n$ -dimensional space, a notion that has mystical overtones, as the Neoplatonist philosopher Henry More observed in the 1600s at Cambridge University. IRL further extends this notion into an infinitely dimensional worldview because in the semantic modelling methods of information systems architects, a dimension is any measurable extent, whether quantifiable or qualitative. Nodes in a mathematical graph are then structures consisting of forms and the meaningful relationships or fields between them. These nodes are the waves or splashes on Bohm's holomovement, extended in the URT into the vast Ocean of Consciousness.

So whither the human race? Well, such a question is of no relevance to Wholeness. You and I, our children and grandchildren, and the entire species are merely waves and currents on and in the Ocean of Consciousness, rising and falling, of no special significance in the overall scheme of things. As Shakyamuni Buddha pointed out, there are no permanent structures in the Universe, and if we do not accept this fact by becoming free of the sense of a separate self, we shall suffer.

To realize this fundamental Truth of existence, we need to recognize that the invention of the stored-program computer in the middle of the twentieth century requires a third major change in the work ethic, the first two being made during the Neolithic period and the Industrial Revolution. If our children and grandchildren are to be carried out of today's Dark Ages into the much longed-for Age of Light at the end of time, we need to focus our primary attention on spiritual awakening, free of our mechanistic personal, cultural, and collective conditioning, enabling us to return Home to Paradise, where we were conceived both as individuals and as a species. This is the work ethic that I have been following for the past thirty years, accordingly being told that I am a prophet living many years ahead of my time, of little or no value to my contemporaries, a prophet being someone who speaks from the Divine, not necessarily someone who makes prophecies.

Yet the global economy is inherently unstable and could self-destruct at any moment. There are two possible scenarios here. First, if this happens and no one understands why it is happening, the result will be widespread panic and the deaths of many millions, or even billions of people in the next decade or two, as various apocalyptic prophecies have foretold. The world will become even more fragmented than it already is, with the survivors living in small communities or tribes, such as the one being established in the Hällungen valley, where I live. Evolution will have gone into reverse, leading to the extinction of *Homo sapiens sapiens* within a few generations.

Alternatively, if *Wholeness* is published, explaining why evolution is currently passing through the most momentous turning point in its fourteen billion-year history, then such awakening communities around the world could serve as cooperative pioneers, leading to a life-enhancing, ecologically sustainable, meaningful Sharing Economy, recognizing that we are all one. For as *Wholeness* is the Holy Grail or Philosophers' Stone of human learning, its very existence would be mind-shattering and epoch-making, releasing an abundance of energy trapped in the human psyche.

*Wholeness* is alternatively titled *Semantic Principles of Natural Philosophy* because it completes the revolution in science currently taking place, just as Newton's *Mathematical Principles of Natural Philosophy* completed the scientific revolution introduced by Copernicus, Kepler, and Galileo. For the past twenty-five years, the Institute of Noetic Sciences (IONS) has been the organization that has mostly been promoting the idea that science is currently going through a major revolution. However, none of the pioneering spirits associated with IONS, SMN, and other similar institutions yet recognize that the URT is more revolutionary than all the changes in worldview introduced by Copernicus, Descartes, Newton, Darwin, Marx, Einstein, and Bohm put together.

Nevertheless, it might still be possible to publish *Wholeness*, even though without any active external support, such a mission looks impossible at the moment. To overcome this problem, for the past few months, I have been toying with the idea of setting up a Project Heraclitus, so named because Heraclitus was both a process thinker and the pre-eminent both-and Greek philosopher, recognizing the hidden harmony of the Logos, arising, as Life, from our Divine Source, corresponding to *Dharma*, *Tao*, and *Rita* in the East. Not surprisingly therefore that Heraclitus was called the 'Obscure' by his contemporaries and Aristotle accused him of not reasoning.

The central purpose of Project Heraclitus will be to show that our children's future well-being is dependent on us making the simple change from either-or to both-and thinking, being guided by the Principle of Unity, a universal truth, applicable in all situations: *Wholeness is the union of all opposites*. But how many words are needed to get this message across? Are these seven sufficient, or are more needed? To speak or write more would be rather like giving underdeveloped nations fish, when they would much rather be given the equipment they need to fish for themselves.

In a similar fashion, we are all individual beings, meaning 'undivided', with a unique capacity to realize our potential as Divine, Cosmic beings. But if we are ever to live in love and peace with each other, we need to recognize not only that Love is the Divine Essence that we all share, but also that the Universe has an underlying structure that connects us all in a coherent Whole. It is here that perhaps *Wholeness* can help. My own understanding is constantly deepening and broadening, so I still have some changes to make to my magnum opus, even to the description of the foundations.

However, while still living in solitude, almost completely isolated from my fellow human beings, I cannot in all honesty write positively about the prospects for humanity in the last two or three chapters of this book. As far as I can see, the first of the two scenarios outlined above is by far the most likely. For if *Wholeness* is not published, the global economy will collapse like a house of cards with no coherent plan to intelligently deal with this cataclysm on a global basis. So if I am to be completely free of my own personal conditioning, which sometimes comes up in relationships with people, even though I am essentially Wholeness, we really need to cocreate a synergistic team of intelligent, caring people able and willing to actively support Project Heraclitus.