

The Awakening of Intelligence

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Western civilization, which dominates the world today through the global economy, is blindly accelerating towards an evolutionary cul-de-sac. It has no future, nowhere to go. Yet, very few in positions of power or influence seem to be aware of this imminent inevitability. Most people are so preoccupied with their families, recreations, ideologies, and specialist jobs that they cannot see the Big Picture, how their lives fit into the context of the Universe and evolution as a whole. So they project their narrow, superficial worldviews into the future, believing that the world that has existed since the end of the Second World War and the invention of the stored-program computer in the 1940s will continue indefinitely, for hundreds and thousands of generations, or at least years.

Nothing could be further from the truth. Evolution is currently passing through the most momentous turning point in its fourteen billion-year history since the most recent big bang, which some call a mathematical singularity in time and others the evolutionary accumulation point in chaos theory terms. This means that the children and grandchildren of my generation are destined to pass through far greater changes during the next fifty years than all the changes that have occurred during the past five thousand.

However, we cannot make these changes blindly if the children being born today are to have any chance of living to the end of the century in what some call an eschatological Golden Age, a superintelligent, superconscious Age of Light. If we are to live up to the name we have rather arrogantly given our species—*Homo sapiens sapiens* ‘wise-wise human’—the only way forward for humanity is through the awakening of Intelligence, liberating Intelligence from its mechanistic collective, cultural, and personal conditioning. Even Love, on its own, is not enough to conquer fear and ignorance.

But therein lies the rub. Most of us are brought up in cultures that do their best to stultify our innate self-reflective Intelligence, the Divine quality that distinguishes humans from the other animals and machines, like computers. The reason why parents, teachers, and other authorities in our lives act in this repressive manner is that if they stimulated the awakening of intelligence, children would be able to see the lies that they are being taught; they would be liberated, and the entire cultural infrastructure would collapse like a house of cards.

We would then be living in love, peace, and harmony with each other and our environment, a dreadful thought for the democratically elected ruling authorities, egoically and perilously seeking to maintain the status quo at these times of unprecedented change. Not recognizing that our health, well-being, and survival as a species is dependent on us all working harmoniously together with a common vision, the primary emphasis of the global economy is on separate individuals and groups, fighting and competing with each other, not on the welfare of the species as a whole.

This is extremely foolish, because any species that does not adapt to its changing environment can expect to survive for long. Humanity is no exception to this basic law of evolution. However, it is vitally important not to blame anyone for the precarious predicament that we find ourselves in today, as is customary in our blaming, shaming, complaining, and claiming society. The cultural cognitive structures that govern our lives are the products of aeons of evolution, just as our bodies are. Specifically, none of us would be where we are today without many thousands of years of human learning, which, in hindsight, have given us a broader perspective of the world we live in than that of our forebears, as we see in the many brilliant historical and scientific documentaries being broadcast today, especially on the BBC.

Sadly, however, our learning today lacks coherence and depth; it is very fragmented and superficial, focusing attention on what is accessible to our five physical senses, mostly ignoring the 99% of the

Universe that is the Cosmic Psyche, which lies largely unseen and unknown beneath the surface. Because genuine self-inquiry is discouraged, we have lost touch with the *prisca sapientia* ‘ancient wisdom’, which Isaac Newton struggled for twenty-five years to rediscover through his studies of alchemy and theology, and *philosophia perennis*, the esoteric perennial wisdom that underlies all exoteric religions, as Gottfried Leibniz called it. Increasingly, since the birth of recorded history some five thousand years ago, the primary emphasis in human reasoning has been on analysis, rather than on synthesis.

Actually, this is not new in evolutionary terms. This fragmentation and divisiveness has happened because for the past fourteen billion years, evolution has been more divergent than convergent. First, large and small material objects were formed, such as stars, galaxies, atoms, and electrons, which we can call *hylogenesis*, from Greek *hylē* ‘matter’. Then during the last three and a half billion years on Earth, we have seen the wondrous diversity of the species evolve. Biogenesis then gradually gave way to *noogenesis*—the evolution of the mind—about 25,000 years ago, the analytical mind becoming predominant at the dawn of history about 5,000 years ago. Society has thereby become divided into religious and national factions, academic specialization, and the division of labour in the workplace.

Two widespread mental disorders have arisen from this divergent evolutionary process. First, the three Abrahamic religions of Judaism, Christianity, and Islam each believe that God is other, that there is a great gulf between humanity and the Divine that can never be bridged. In contrast, Eastern scriptures, such as *The Upanishads*, *Tao Teh Ching*, and the *Avatamsaka Sutra*—the consummation of Buddhist thought—all recognize that Brahman and Atman are one, in the language of Advaita ‘not-two’. It is not surprising therefore that many people in the West are today turning to the East for spiritual fulfilment in a great Spiritual Renaissance, largely unseen by today’s secular society. For they are able to say, “I am Love,” knowing in their own direct experience that Love is the Divine Essence we all share.

Sadly, even though mystics are no longer executed for declaring, “I am the Truth,” there is still a widespread taboo in society towards the affirmation of one’s Divinity. As a consequence, both theists and atheists alike are suffering from schizophrenia, literally ‘split mind’, detached from Reality. For the Ineffable Nondual Absolute *is* Reality, the Immortal Ground of Being that we can share through Gnosis.

Secondly, the fragmented mind has led to a pandemic of delusion, literally ‘play falsely’. The delusions that most suffer from have led many to believe that we are separate from the Divine, Nature, and each other, while actually we are all cells in the body politic, as One Whole. These delusions are the seven pillars of unwisdom, misconceptions of God, Universe, Life, humanity, money, justice, and reason. The first of these is the belief that God is other, a fundamental falsehood that has already been mentioned.

The second, third, and fourth pillars of unwisdom underpin materialistic, mechanistic science: the false beliefs that the Universe is the physical universe of mass, space, and time, that Life is a property of the DNA molecule, and that human beings are machines and nothing but machines. In contrast, the second, third, and fourth pillars of wisdom are that Consciousness is Ultimate Reality, that the creative power of Life is constantly bubbling up from our Divine Source, like a fountain, and that humans are Divine Cosmic beings, whose True Identity, Authentic Self, and Genuine Nature is Wholeness.

Eastern mystics have long recognized that Consciousness is all there is, as we see in the beautiful Sanskrit word *Satchidananda* ‘Bliss of Absolute Consciousness’. So when science recognizes that the physical universe, including the brain, arises from Consciousness, which some mystics and scientists alike call *Akasha*, the ‘æther’ permeating the Universe, we could end the long-running war between science and religion, living intelligently in love and peace with each other. And for this to happen, we need to become generalists, like information systems architects, transcending the specialisms that preoccupy most today.

In everyday practical terms, the biggest delusion is that the quantitative financial modelling methods of economists, investment bankers, and management accountants provide a valid map of the dynamics of the business world. This fifth pillar of unwisdom was revealed at the birth of the Information Society around

1980, when the semantic modelling methods of information systems architects began to emerge. For these methods show how all business processes and entities can be integrated into a coherent whole, providing far more relevant information than monetary modelling methods. For money is a type of information, and so can be represented in information system models, while it is not possible the other way round. The meaning of information, and hence its value, cannot be satisfactorily represented quantitatively.

The sixth pillar of unwisdom arises directly from the delusion that we human beings are separate from each other and the Divine. Accordingly, it is believed by both church and state that people have free will and so can be punished or rewarded for actions regarded as antisocial or praiseworthy by society. So-called intellectual property laws—such as patent, copyright, and trademark—also arise from separation, not recognizing that everything that we humans create, such as this visionary essay, is actually a gift of God, not ours at all. As the Advaita sages say, there is no doership in Reality, or, indeed, ownership.

Last, but actually predominant, is the seventh pillar of unwisdom, called Aristotle's Law of Contradiction: "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." We don't know exactly what Aristotle was referring to here for most of the writings of Heraclitus—the pre-Socratic mystical philosopher of change—have been lost. All we have is a few fragments, such as these: "The Hidden Harmony is better than the obvious," "Opposition brings concord; out of discord comes the fairest harmony," and "People do not understand how that which is at variance with itself agrees with itself."

To reflect Heraclitus' all-inclusive, both-and way of life, the seventh, most significant pillar of wisdom is the Principle of Unity, which states: *Wholeness is the union of all opposites*. This irrefutable, universal truth—the keystone of all human learning—is the fundamental design principle of the Universe, showing that there is a primary-secondary relationship between the Formless Absolute and the relativistic world of form. Yet, for thousands of years, we human beings have been putting second things first, illogically disobeying this Divine law, favouring an egoic, either-or approach to reason and living, leading to much conflict and suffering, such as occurs in holy wars, wars about the Whole. We also see the denial of the Principle of Unity in the oft-repeated prayer, "God bless America." But why not bless humanity? Doesn't everyone deserve to be blessed? And the integral philosopher Ken Wilber has tragically said, "The holistic quest is ... a pot of gold at the end of a rainbow that we will never reach."

The Principle of Unity is the key to the awakening of both love and intelligence. First, love and hate coexist in the dual world of form. But only love is grounded in Reality, in Nondual Love, where inner conflict ceases to exist. For hostility is then seen as unreal, with no underlying substance—just an illusory appearance in Consciousness. Secondly, we act intelligently when we can see both sides of situations—in bipartisan politics, for instance—standing outside what might appear to be paradoxes or self-contradictions, respecting other people's opinions, beliefs, and perspectives. However, most are not constant in this respect. We often pick and choose when to live in harmony with the Hidden Harmony. Superintelligence is then the ability to see both sides of *every* situation, including all religious scriptures, philosophical schools of thought, scientific theories, economic ideologies, and moral imperatives. We thus become Wholeness by taking a Holoramic 'Whole-seeing' perspective, where there is no separation between humanity and the Nondual Divine, encapsulated in these 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."

By far the most serious consequence of humanity's disobedience of Divine, Cosmic Law is our inability to deal intelligently with death. Because we have lost touch with Reality, with our Immortal Ground of Being, we have created immortality symbols to assuage our fear of death. Originally, these were religious in character: the belief in an immortal personal soul that either reincarnates indefinitely in cyclic time or has everlasting life in linear time. However, today, the predominant immortality symbol is money, inhibiting us from having an intelligent dialogue about the role of money in society.

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But giving ourselves a precarious sense of security and identity with such immortality symbols cannot help us deal intelligently with the imminent death of Western civilization and the monetary economies of capitalism and communism, to be followed within a few generations at most by the extinction of *Homo sapiens sapiens*. To be fully alive—free of the existential fear of death—we can do no better than to follow Shakyamuni Buddha’s teachings, encapsulated in his three marks of being (*trilakshana*):

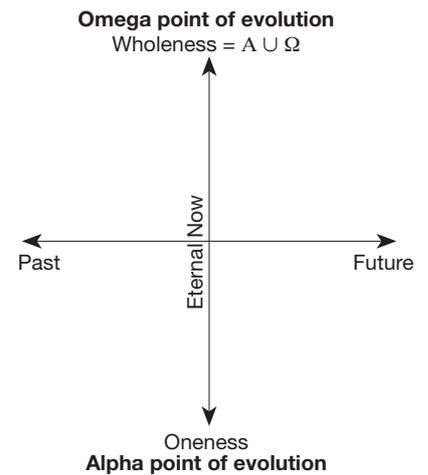
1. There is nothing whatsoever that is permanent in the Universe, including our bodies and any groups, from our family, through our cultures, to our species, that we feel we belong to (*anitya*).
2. If we do not recognize this fundamental principle of existence, we shall suffer (*dubkha*).
3. The way to end suffering is to pass through a psychological death, free of the sense of a separate self, of attachment to the egoic mind (*Anatman*), leading to *Moksha* ‘liberation and release from worldly bonds’, *Nirvāna* ‘extinction’, and *Kaivalya* ‘Solitude, Absolute Consciousness’.

We can use the Principle of Unity—the Ultimate Tantric Yoga—to help us here. This shows that there are two dimensions of time, not one, illustrated in this diagram. When we recognize this simple fact, everything that happens in the Universe and to us in our lives makes complete sense. The horizontal dimension of past and future is just an illusion, called *māyā* ‘deception, illusion, appearance’ in the East. For time, like everything else in the relativistic world of form, is just an appearance in Consciousness, not real in an Absolute sense.

In contrast, the timeless Eternal Now is Reality, where all phenomena take place. The upward movement is the creative power of Life, which culminates in Fullness at the Omega Point of evolution, where all the divergent streams of evolution converge in a megasynthesis of all knowledge, along the lines that Peirre Teilhard de Chardin prophesied. This is called *lila* in the East, the delightful play of the Divine. Conversely, we experience the downward movement in deep meditation, which takes us to Emptiness or Oneness at the Origin of the Universe, which we can also call Stillness or Presence, from Latin *praesentia*, from *prae* ‘before’ and *esse* ‘to be’. So *Presence* means ‘prior to existence, before being’. When we know the Absolute Power of Now in the depths of our beings, we can joyfully dance the union of all opposites, knowing that we have returned Home to Wholeness, the union of Alpha and Omega. Just as we are not separate from the Divine for an instant, there is no Supreme Being, called God, that is separate from us.

Recognizing the two dimensions of time is one of several ways of proving that human beings are not solely machines, as René Descartes believed, likening himself to a clock in his *Meditations* in 1641. Following the publication of Isaac Newton’s *Mathematical Principles of Natural Philosophy* in 1687, this mechanistic worldview still holds a tight grip on the scientific mind. But just because it is possible to make accurate predictions of solar and lunar eclipses in the mechanical solar system, this does not mean that the Universe as a whole is nothing but a machine, and hence that human beings are, functioning solely in the horizontal dimension of time. While we learn by discovering repeating patterns in our lives, not infrequently something quite new emerges spontaneously, which cannot be foreseen, not even probabilistically. As is often said, we must expect the unexpected.

However, as well as being the most adaptable of all the species, we are also creatures of habit. And old habits die hard, especially if those around us behave in the same habitual, mechanical way. So today, there is a consensus among many mainstream scientists that computer scientists are about to build a machine with artificial intelligence that will surpass any level of intelligence that we human beings might aspire to. Of course, if this were to happen, then it will shortly no longer be true that we human beings are both workers and consumers in the economy, as articulated by Adam Smith in the opening words of *The Wealth of Nations*, the book that laid down the foundations of capitalism in 1776:



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The annual labour of every nation is the fund which originally supplies it with all the necessaries and conveniences of life which it annually consumes, and which consists always either in the immediate produce of that labour, or in what is purchased with that produce from other nations.

We can call the imminent collapse of the global economy a singularity in evolutionary history, a term coined by Victor Vinge in a NASA paper in 1993 called 'The Technological Singularity'. As he said in his Abstract, "Within thirty years, we will have the technological means to create superhuman intelligence [in machines]. Shortly after, the human era will be ended." Similarly, Ray Kurzweil has suggested that humanity is rapidly heading towards a singularity in time, when "a \$1,000 computer will match the processing power of the human brain."

Hans Moravec goes even further, believing that computers are members of a new species, which he calls our 'mind children'. As he says, "Intelligent machines, which will grow from us, learn our skills, and initially share our goals and values, will be the children of our minds. ... It is a world in which the human race has been swept away by the tide of cultural change, usurped by its own artificial progeny." He thus foresees an Age of Robots, saying, "The fourth robot generation, and its successors, will have human perceptual and motor abilities and superior reasoning powers. They could replace us in every essential task and, in principle, operate our society increasingly well without us."

Martin Rees, the Astronomer Royal and a former president of the Royal Society, believes them, writing in *Our Final Century: Will the Human Race Survive the Twenty-first Century?* "A superintelligent machine could be the last invention that humans need ever make." In a thoroughly researched book on the prospects for humanity, he writes, "I think the odds are no better than fifty-fifty that our present civilisation on Earth will survive to the end of the present century without a serious setback." For while science and technology have provided many of us with the most amazing creature comforts during the last century or two, "The 'downside' from twenty-first century technology could be graver and more intractable than the threat of nuclear devastation."

Being a much-honoured scientist with a social conscience, Lord Rees has teamed up with Huw Price (Bertrand Russell Professor of Philosophy at Cambridge University) and Jaan Tallinn (co-founder of Skype) to set up The Cambridge Project for Existential Risk, seeking to ensure the long-term future of our species, free from the dangers of artificial intelligence and other technologies. Seemingly, they do not recognize that the greatest threat to the survival of our species lies within us, for we are subconsciously governed by existential fear and ignorance. In preparation for this project, Price and Tallinn wrote an online article titled 'Artificial intelligence—can we keep it in the box?' Of course, they have written such an article because we live in a culture that does its utmost to keep *human* intelligence locked up in a box.

So if we are to liberate human intelligence from what William Blake aptly called our 'mind-forged manacles', we need a quite different strategy and work ethic that recognizes that human beings are the leading edge of evolution, not computers, that technological development cannot drive economic growth for very much longer. We can do no better here than to follow the motto of the Royal Society of London for Improving Natural Knowledge, founded in 1660: *Nullius in verba*, which roughly translates as 'take nobody's word for it.' As the Royal Society's website says, this motto "is an expression of the determination of Fellows to withstand the domination of authority and to verify all statements by an appeal to facts determined by experiment."

I see no other way of extricating ourselves from the dead end that Western civilization finds itself in today. Not that rebellion is easy for those whose education is based on the seven pillars of unwisdom. For as Max Planck sadly remarked in his *Scientific Autobiography*, "a new scientific truth does not triumph by convincing its opponents and making them see the light, but rather because its opponents eventually die, and a new generation grows up that is familiar with it." In essence, if our children and grandchildren are to cocreate a society based on the seven pillars of wisdom, they must begin in childhood, just as someone

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who aspires to be a concert pianist must generally begin practising at a very early age. However, there is a major difference. Someone who is destined to become a violin virtuoso often has the support of parents and teachers. Not so those who question the seven pillars of unwisdom, on which Western civilization is based. Even the revolutionary evolutionary movement emerging today does not provide a conducive social environment for the awakening of intelligence, for healing the fragmented mind in Wholeness.

For myself, I first saw that the culture that I had been born in is not based on the Truth as an eight-year-old in 1950. I then abandoned religion based on the Christian concept of God when twelve and science based on the physicists' concept of Universe at sixteen. At university, at the ages of eighteen and nineteen, I abandoned economics based on money and mathematics based on deductive, linear logic. So by the time I graduated in mathematics in 1964, my life was in ruins. Very little of what I had been taught in church and school and at university made any sense to me, a very depressing situation, for I could see no way of sorting out this dreadful mess, of reconciling the incompatibilities between science and religion.

No longer having the suffocating protection of my God-fearing parents, somehow I needed to find my own way in the world. So armed with a degree in mathematics, the key to the world of work, I entered the data-processing industry, setting out to build a business career, get married, and have children in the conventional manner. All went reasonably well for twelve years, from the ages of twenty-two to thirty-four, when I realized, as the result of a major midlife crisis, that I was living a lie, triggering childhood memories. At the time, I was working as a manager in an IBM sales office in London. Endeavouring to recover from this crisis, I could see that my children were not being educated to live in the world that would exist when they came to be bringing up children of their own, in the early decades of this century.

The reason is obvious when our eyes are opened. The invention of the stored-program computer in the late 1940s was an event that marked an entirely new direction for evolution. For the computer is a machine quite unlike any other that the *Homo* genus has invented during the past two thousand millennia. For unlike the flint axe, wheel, telescope, steam engine, and telephone, for instance, which extend our rather limited physical abilities, the computer is a tool of thought, able to extend the human mind, even in some cases replacing it. So, as I realized, materialistic, mechanistic science could tell us little about what we had invented, not the least because apart from mystics and depth psychologists, we know almost nothing about what it truly means to be a human being, about what is causing us to behave as we do.

Then in the winter of 1980, when developing an innovative marketing programme for decision support systems and personal computing for IBM, I formulated a question that I regard as the last remaining problem of science: "What is causing scientists and technologists, like myself, aided and abetted by computers, to drive the pace of evolutionary change at unprecedented rates of acceleration?" I found the answer to this question at 11:30 a.m. on Sunday 27th April 1980, as I was strolling across Wimbledon Common in London to the pub for lunch. I suddenly realized in an explosive eureka moment that the pace of change in society is accelerating exponentially because there are synergistic, nonphysical, mental energies at work in the Universe, as well as the physical energies I had learnt about in physics at school.

I knew at once that I had been given the key that would unlock all the innermost secrets of the Universe that had puzzled me since I was a small boy. Accordingly, three weeks later, in a state of great excitement, I resigned from IBM and set out to develop a new cosmology that would integrate the nonphysical energies that I had 'discovered' with the physical energies recognized by materialistic science. Then, five weeks after this, around midsummer, the fundamental law of the Universe was revealed to me in another apocalyptic moment, for *apocalypse* derives from Greek *apokaluptein* 'to uncover' or 'to reveal', from the prefix *apo* 'from, away' and *kaluptra* 'veil'. So *apocalypse* literally means 'draw the veil away from', revealing the Principle of Unity, the Hidden Harmony underlying the Universe. This fundamental law of the Cosmos has guided every moment of my life ever since. It is the most natural principle in the world.

It is not easy to explain what happened to me during those momentous eight weeks in the spring of

1980, for what happened was unprecedented in the entire fourteen billion years of evolution, which only people who have similarly experienced a life-changing epiphany can perhaps relate to. For, as William R. Miller and Janet C'de Baca said in *Quantum Change*, their study of this unusual phenomenon in Albuquerque in the 1990s, "Perhaps there is something flawed in the way we think about human change. Perhaps we do not yet comprehend enough about psychological and spiritual reality to understand why quantum changes occur." I now understand why this happened to me, but at the time, it just felt as if a dam had burst in my psyche, releasing thirty years of pent-up energy, suppressed by introjecting the limiting belief systems of the dysfunctional culture I had been born into. However, today, it is more appropriate to say that a big bang exploded in consciousness, leading a brand-new Universe to emerge. Or rather, what happened is that I have used computer science to build a long-known Eastern *Weltanschauung*.

Describing this apocalyptic event in human rather than Cosmic terms, I wanted to discover just what it means to be an intelligent human being, compared to computers. Ever since I wrote my first program in September 1964, I had known that computers are good at arithmetic but rather poor at pattern recognition, while with humans the situation is the other way round. Why is this? Why is it so easy for most of us to instantly recognize a human face as a whole but so difficult for a computer program to do so?

Well, to answer these questions, I began a thought experiment, inspired by such experiments conducted by physicists during the twentieth century. Seeking to prove that computers could never develop artificial intelligence, exceeding human intelligence, I assumed that they could and used the method of *reductio ad absurdum* in mathematics to prove the hypothesis to be false. I therefore imagined that I was a computer that switched itself off and on again, so that it had no programs within it, not even a bootstrap program to load the operating system. Driven solely by the computer's inner guru, which the *Guru Sutra* tells us means 'dispeller of darkness', this machine then had the task of solving the ultimate problem of science, which Albert Einstein had spent the last thirty years of his life trying to solve.

In other words, as a computer, without a human to program it, I set out to develop the theory of everything, a coherent body of knowledge that can describe all the forces in the Universe—both psychospiritual and physical—within a single, all-encompassing framework. Now, to solve this problem, I also needed to solve the most fundamental problem in business, which I had also been wrestling with during the winter of 1980. During the 1970s, a number of business modelling methods had emerged that enabled information systems architects to model the relationships between the basic entity types in an enterprise—such as customers, products, and deliveries—and those between the processes that deal with these entities—such as manufacturing, ordering, and invoicing—and their relationships to each other.

However, what was missing from these modelling methods is the process of developing the model itself. So, as I realized, we could only intelligently manage our business affairs with full consciousness of what we were doing if we included these creative thought processes in the models that we were developing, rather like a television camera filming itself filming. This sounds impossible to the mechanistic mind. But once we realize that self-reflective Intelligence is what distinguishes humans from machines, it becomes quite possible for evolution to be fully conscious of itself in us human beings.

When we accept this possibility, it is quite easy to see how we can integrate all knowledge in all cultures and disciplines at all times—past, present, and future—into a coherent whole. As the Internet today consists of such a comprehensive body of knowledge, we can apply the modelling methods that information systems architects use to build the Internet. For when such designers set out to develop business systems, they do not begin by writing programs. Rather, they first develop blueprints, just as architects designing residences and opera houses do, called Model-Driven Architecture (MDA).

Specifically, I first generalized the relational model of data, introduced by Ted Codd of IBM in 1970. His eleven-page seminal paper was the most important in the entire history of the data-processing industry because for the first time it provided a mathematical representation of the underlying structure of

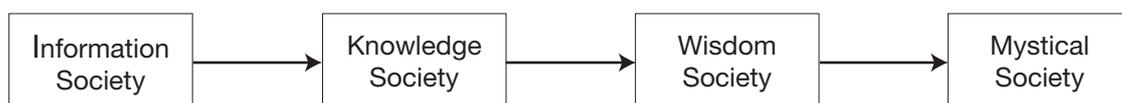
the basic resource of this industry: data itself. So today, you cannot order a book or airline ticket on the Internet without invoking the relational model behind the scenes. Furthermore, even though it evolved from the mathematical theory of relations and first-order predicate logic—thoroughly explored by the architectonic polymath Charles Sanders Peirce in the late 1800s and early 1900s—the relational model introduced the most fundamental change in Western logic since Aristotle. For as Codd pointed out, the relational model is not linear; it is nondeductive. We can thus embrace paradoxes, not rejecting them, as is necessary in axiomatic mathematical proof and inferential logic, enabling us to unify logic—the science of mind and reason—and psychology—the science mind and consciousness—which mathematicians split at the beginning of the twentieth century, eventually leading to the invention of the mechanical computer.

Then, in the 1990s, after rejoining IBM at its software development laboratory in Stockholm, I added object-oriented modelling methods to the framework or system of coordinates for all knowledge. These most notably provided the paradigm for the desktop metaphor in the Apple Macintosh operating system the decade before, having evolved from the programming language Simula, developed at the Norwegian Computing Centre in the mid 1960s, designed to simulate ‘real-world’ dynamics.

I call the holographic, fractal-like science of thought and consciousness that has emerged from this experiment in learning Integral Relational Logic (IRL), the commonsensical system of reason that we all implicitly use everyday to organize our thoughts in tables and mathematical graphs or semantic networks. In turn, IRL provides the Cosmic Context, coordinating framework, and Gnostic Foundation for the much sought-for theory of everything, called the Unified Relationships Theory (URT), the Holy Grail, Philosophers’ Stone, and Apotheosis of human learning. For fields, including morphogenetic ones, are a special case of relationships, and meaningful relationships are energetic; they make the world go round.

As a result, my consciousness has expanded and deepened to such an extent that it is coterminous with Consciousness itself. I thus regard myself as a superintelligent, superconscious being, able to see the Totality of Existence as a seamless continuum, without any divisions or borders anywhere. Saying this sounds hubristic to those who seek to inhibit the awakening of intelligence, as Abraham Maslow pointed out in ‘The Jonah Syndrome’, a paper he wrote in 1968 shortly before his death. Similarly, Bernard Williams said on television in 1987 that Descartes’ 1619 dream to unify the whole of knowledge through reason would be regarded as a grandiose piece of ‘megalomaniac insanity’ in today’s postmodern world.

Nevertheless, I still feel that I have much to offer humanity at these critical times we live in. Specifically, I am cognitively living today in the world that will exist after the global economy self-destructs in total meltdown, for our minds create our reality. After beginning my researches into the root causes of our rapidly changing society in the Information Society, I have successively moved through the Knowledge and Wisdom Societies, into the Mystical Society at the end of time, as this diagram illustrates.



As I have outlined in this short introduction, I have already passed through the apocalyptic death and rebirth process that humanity as a whole needs to pass through in the next few decades. I have passed through a *mystical* Singularity in time, not the *technological* singularity that Vince and Kurzweil foresee. Likewise, our children and grandchildren could evolve into *Homo divinus*, a species consciously living in union with the Divine, like many already today. For myself, I have focused my attention during the past sixty or more years on sorting out the mess that Western civilization is in. But other civilizations in the world today are in ever-greater turmoil and delusion, not the least the Islamists, with their Arab Spring, and the Chinese, whose watchword is ‘stability’. Given this intractable global situation, all I can practically do as we collectively enter the end of time is complete my 1200-page book on *Wholeness*, trusting that in so doing it could help the next generation to liberate intelligence from its mechanistic conditioning.