

UNCOVERING THE MINDS OF LIVING BEINGS

AND THE CODES OF HUMAN LIFE

AND THE DECEIT OF UNVERIFIED IDEAS

With quotes from Albert Einstein and others

A PRELUDE

Creation - Spirit - the Fundament of Everything

Imagine there was nothing, which is difficult, but please try. Don't think empty space. There is no space. There is nothing. Absolutely nothing! Then there was something! The idea of the cause of this 'something' is not an appropriate question in this case as I hope to explain, but you will have to read further to understand my reasons for saying this.

However, the 'something' was Spirit! Then the spirit manifested space and time, within itself, and there was then an invisible dimensional fabric called spacetime in the 'plasma' of the Spirit. This was where and when space and time began, in the creation of the universe by the Spirit. Space and time therefore exist only in the Spirit, which we may then consider as a balloon of expanding spirit which became the infant universe. I can say balloon as a shape because space has been born, and the idea of shape and volume are allowed. The ideas of space and time, and all related terms, are appropriate to use only in the universe. The universe is all there is. All space, and all time, are manifests of the primordial Spirit which founded the universe. Everything you can visualise is in the universe, and all things are attributes of Spirit, visible or not. The Spirit and the Universe is one single thing, the only thing, and nothing has come into it from outside because there is nothing outside! No space, all space is inside the universe of spirit. We are part of the spirit in the universe, but we haven't evolved yet in this story. So, the fundamental ideas which we believe to underlie all our philosophy, the base idea of all science, is that: space does not exist outside the universe; there is no outside; everything that we can see or imagine is inherently only in the universe; we don't know what spirit is; but we know some of its manifestations but not all of them - essentially because we don't know what spirit is!

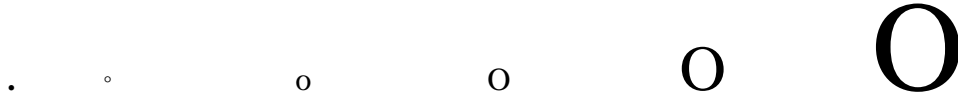
The Ontogeny of the Infant Universe

The infant universe began expanding, and is still expanding today, but is not covering anything outside because there is nothing outside. Later, in the ontogeny of the universe, some part of the fundamental spirit plasma, manifested something else, called Matter. Because we are made of matter we are integral parts of the universe, and are configurations, or phenomena of its Spirit. So matter is not a primary entity and the canon is Spirit, Spacetime, Matter. This second manifestation of Spirit to Matter came after spacetime had formed. To clarify a consequence of this chronology; spacetime permeates all of the universe, and matter was created in spacetime, and therefore spacetime permeates all matter, living or inanimate. Spacetime does not obstruct movement of matter and allows matter to appear and move in the fabric of spacetime. Because spacetime was initiated at the beginning of the universe, it may be able to tell us more about relations between spirit and matter as they 'infect' each other close up. Although our bodies are made of matter, we show consciousness and curiosity, which are invisible aspects of free Primal Spirit seen by our Minds (not brains) which give us a direct link to the fundamental creative force, and the ability to control our physical bodies via our Central Nervous System (CNS).

Because every material object we can see shows spatial dimensions as boundaries, most people automatically think that the universe itself has a boundary. However, this may not be so. We think of boundaries as lines of limitation of particular pieces of matter in space, and we use our

local body sense perceptions to define these lines, but scientifically, these are crude. They do not see the edges of atomic, or even the molecular structure of material objects in the universe. Very importantly, we cannot precisely define the edges of matter and the free spirit which engulfs them, and we certainly cannot directly measure any of the invisible entities which are present in the universe, *e.g.* spirit, spacetime, thoughts and minds.

Below, from left to right, I show the expansion of the universe in two dimensions, but it actually issued in plasma form which may have had multiple hidden dimensions (*cf. String Theory*), but only 3 of these are luminous to us. At its beginning the universe would have been an invisible dot which expanded without any matter (*i.e.* it was not luminous, had there been any being to see it!)



It is necessary to realise that when the universe expands, it does so within itself. It does not take up space outside the universe, because there is no space outside, since there is nothing outside to think about! All space is inside the universe. Our consciousness is confined to the inside of the universe. From the diagram above, we are in the expanded O. Space and time are present only in the O; all matter is in the O; everything in our '*ken*' (*Scottish word*) is in the O. The O represents the balloon of the universe, but it misrepresents the universe as having boundaries since there may be none, and the idea of dimensional space is generally misunderstood. The 'o's are invisible. The concept of a space boundary indicated as O in the diagram above, is a highly persuasive misunderstanding, which is suggested by our inherent use of classical physical senses, because everything we now see (in the universe) appears to have material boundaries, but in reality they are murky and not precise, and thin out into invisible energy. Yet it is easy to assume that the universe has a boundary, but we cannot find one.

Matter is luminous in spacetime and is the only part of the creation of the universe that we humans can see directly. Our bodies are made of matter, but there is strong evidence that our Minds are separate features and although they seem to be attached to our bodies, they are invisible and, I think, minds are part of the sea of pure Primal Energy of Creation which is still free throughout the universe. Minds are not in the matter of spacetime, and are part of the primary creating energy. All the primordial parts - spirit, spacetime, minds are invisible to us.

The initiation of the universe is commonly called the Big Bang, but this term was first used as a joke by Fred Hoyle the Astronomer Royal in Britain, who didn't like the idea. However, when the creation actually occurred it didn't make any sound, since there was no matter around then, and the creation might have started as a silent appearance of spirit plasma while manifesting space and time. Saying 'Big Bang' suggests it had material aspects, which it did not have.

Isaac Newton, probably the most important classical scientist ever, who died in 1727, used the term Spirit, and talking about space as not being empty, said:

All space is suffused with Spirit.

Spirit is now generally called Energy. Thomas Young is believed to have used the word energy to replace spirit, early in the 1800's. It is crucial to understand that Energy is just another name for Spirit, and that calling the fundamental power 'Spirit' is thought to be unscientific by scientists who do not like to consider that there might be a God whose Spirit is fundamental to all their endeavours. This simple, but highly unnecessary literary change, has led to the most insidious

deceptions in science and the codes of a way of life in all current western communities, by implying that a Creator is not necessary to science. This new idea was accepted by people who do not believe in things they cannot see or measure. Another set back is that most spiritual religions have brain-washed their publics into believing that an invisible God has set unbendable rules for living. Priests now frighten their members to obey these rules as the only way to avoid damnation in life after death. They use this idea to control different communities of people, either directly, or through governments of different levels, but this idea is quite wrong as the oldest religions on Earth indicate that a Universal Creating Spirit gave humans free will to make their own decisions. In the oldest religions, God did not give specific rules and regulations - these came from men.

The idea that a Great Spirit created the universe is very old in human thought, where everything we see materially, appears to have a cause. The Australian aborigines have been living in their country for at least 75,000 years, as determined by the latest scientific techniques, and the fact that they, as a species (*Homo sapiens*) had sexual interactions with at least one other human species (*Homo neanderthalensis*) which became extinct *circa* 30,000 years ago, is also scientifically established. These two 'species' never had a written language, and human handwriting did not occur until 4,500 years ago in old Persia. So the ideas of the endemic Australians and their way of life, has passed verbally, generation to generation for 75 centuries, until the British began to invade Australia in 1788. Their aboriginal knowledge is then the oldest human knowledge we have. That a **Great Spirit** created the world within itself is clearly the oldest of human ideas. It goes back to 'Neanderthal' times. What these humans knew then, and some still practice, is based on the oldest human information available, still given to us now, face to face. This fount of knowledge has never been considered seriously by science, which has discarded it as being the 'imaginings' of a primitive race who knew no science, thus believing that only science gives reality. Yet when I was young, together with friends, in 1949-1966, we listened to what the few Australian aborigines we knew, who spoke English, told us. At least then, after WWII, we had ceased to kill 'abbos' (as they were called) willy-nilly when they got in the way of colonial advancement, and their words and ideas, given then, are now frighteningly appropriate as humans change the Earth's climate (see later).

Most western people are told that God behaves like a human because people cannot consider that a supreme invisible being with illimitable power can exist. So if there is a God, its existence must be explained in terms that humans will accept, for example God has gender. Scientists want to be able to count, measure, and predict, and to remove inequalities from nature, and they too, did not like the idea of a God. They renamed God's Spirit, calling it Energy which is ordinary and not thought divine, and they dropped God from their vocabulary. This was done with the futile hope that scientists could control energy, predict all things, and prevent inequalities, but the fact that inequalities are inherent in nature has been known since 1964 when John Stewart Bell. He was thinking about the development of quantum theory, and showed that inequalities are here to stay (see later). This implies that the latest quantum science cannot predict, and cannot take us to an understanding of reality. I think the simple literary change, Spirit to Energy, has been hugely and intentionally misleading, and the idea that quantum theory does not involve the macro-world is still seen on TV (today 16th March 2020) and in text books, and is wrong.

The Continuity of Energy

Although we cannot see energy, space or time, we can see 'Matter' which is a manifestation of energy which appears in the conjunction of space and time (spacetime) and which shows us the individual topologies of all material objects. Thus we can directly estimate the lengths, breaths and widths, and distance between objects, and this makes space understandable, but only in our 'Minds' (see later). We can also see how Time causes material objects to change and decay. Matter is the only aspect of Energy that we can see directly with our physical senses.

Energy (the base creator of the universe) is invisible to us, but we can glimpse other non-matter aspects of it through our minds, where they bring us awareness or consciousness of our material surroundings. All attributes of Energy, including all forces, spacetime and minds, are likely to be intimately interconnected in a single huge entangled mass of Energy. I am therefore suggesting that the universe is in fact one single thing, *i.e.* a continuum of activity of Energy, which was fully entangled at its origin during the formation of the universe. This is something that David Bohm¹ first considered at scientific meetings (1951-2) and in physical journals, and which I considered in my last years at high school (1953-1954) without knowing David Bohm's ideas. If I had known of them, I would have surely contacted him, and I would have been decades earlier in proceeding with my thoughts about the endless activity of energy. The 'entanglement' of energy falls in line with quantum theory, but a major problem is to realise that energy or spirit itself does not have spacetime properties, *i.e.* you can't see it, nor measure directly.

The Beauty and Power of Minds

We are a material part of the Energy that makes the universe, and we believe this from classical physics. So science and our logic, with the idea of causation, has been based on observing matter directly for some 400 years. This now underlies the way of life of different human cultural societies across our planet. We also believe in the invisible aspects of Energy that we can test in some ways, although we cannot directly measure any of them. However, with another facility, our minds, we can stray further into the invisibilities of Energy, the sea of which engulfs our spacetime material world, and then we can 'imagine' without tests and mathematics. This suggests that, as matter can react with other matter, so 'free' invisible energy may react with other 'free' invisible energy, but of course we cannot see the reactions for the latter. Nevertheless, we may glimpse disturbances of this kind of reaction in our minds, as they instigate emotions without involving classical science. This crucial facility of our minds is very largely hidden from public notice, where it is considered to be 'just' imagination and thus unscientific and therefore to be discarded as puerile. Yet, imagination is remarkably common, since everybody has a mind. Much of what our minds conjure up is thus dismissed as 'imagination' or 'day-dreams', none of which appear to be real in our unseeing classical world. But they are real in our minds! They do happen! They resonate in the deep core of our awareness in our minds. Our minds give us our personalities, and the facility to think, and they have control over our bodies through our material anatomical nervous systems (CNS) which co-ordinate all our physical activities. So it is very important to know that Emotions begin in Minds. Brains and Minds are connected, but are not the same thing.

This is where we miss a lot by disregarding the ethereal invisible things by concentrating on the anatomy and physiology of our brains. Thoughts are made of energy, they are ethereal, and cannot be measured or standardised on a scale to 0-10. When you talk to somebody, or somebody talks to you, it is a mind to mind exercise. Your brains are involved only as much as they keep you both materially active, and by '**transducing**' (my word) information collected by your local senses biochemically into ethereal energy to enter your mind. It is minds that get bodies to speak to each other. Our brains operate as telephones between a mind and a body. However, it requires two minds in touch to generate and appreciate a message.

I think that minds are not archived in brain tissue, but that there are specialised material tissues as 'antennae' in brains which are crucially involved in the 'transduction' from matter to thought energy. These tissues are capable of particle super-positioning in quantum mechanics (QM) (see later), and therefore use the transduction of matter into pure energy to radiate information between our brains and our exotic minds, and vice versa. I say 'exotic' minds because minds are made of energy, are not in material form and do not have spatial co-ordinates, *i.e.* minds and thoughts are outside of the matter of human bodies. They are free manifestations of energy in the universe!

Brains are material things which function biochemically and physiologically to control our bodies in the crude aspects of natural life. Minds by contrast, deal with invisible energy which may be 'free' in the cosmos, and provide us with consciousness and awareness, and it is only in our minds that thoughts and emotions are generated. Thoughts are secret, and do not have to be disseminated, but can be transduced to operate materials in brains for the latter to control the physiology of physical bodies. To reiterate, minds and brains are separate things. Minds are ethereal and spiritual, and deal with 'unencumbered free' energy, while brains are anatomical, cellular and biochemical; and they provide the chemical clockwork which maintains the life of individual people. I say 'free' and 'unencumbered' energy, but these may not be the right words, because 'how' minds precisely connect with brains is not known.

Nevertheless, it is certain that minds harbour the personality of people, and that they take energy inputs via transduction from brains, but are also aware of direct free energy inputs from outside material bodies. Telepathy, direct connection between multiple minds, is a fact, but not regularly reported, yet it may hold a major place in communication between non-human animals (see later). Minds make a person's decisions, and can be very fast, while brains are just chemical and slow by contrast. Minds can integrate information from both material senses and ethereal inputs as they both occur, and show changes instantly. They are even able to reach 'forward in time' to scenarios of what could happen and then make decisions to facilitate or stop potential changes as on-going situations proceed. This is an amazingly powerful facility, beyond mechanics, mathematics and science. How often do you say, or hear others say "*Why did you change your mind?*" but never "*Why did you change your brain?*" Inherently we understand that minds and brains are different, and that conscious decisions are only made in our minds.

The fact that we see and feel space and time in every part of nature is because we are constituent parts of nature, *i.e.* we are parts of the energy of the world, in which we are manifests in the very atmosphere of the Energy of the universe. We are part of it, interconnected into it, as though it is one single thing, and what we do here can cause things to happen at a distance (a feature of the 'entanglement' of energy). We see cascades of micro-matter occurring (*e.g.* biochemical streams of reactions) and macro-matter (*e.g.* scree slopes on mountain sides), and estimate the damage or benefit of them, but what we most frequently miss, are sliding cascades of thought in the free energy of the universe and the silent echo's of these. These generally go unnoticed, since energy is invisible to us. It is only when energy disturbs matter that we take notice, but even then, if classical science can't explain the event, we tend to dismiss or deny the event as being 'paranormal' and outside of science. Yet this is exactly what we should **not** do! Dismissing events leads into darkness. Probing unexplainable events may lead to light where there is now doubt and darkness.

Although we cannot see a spatial boundary to the universe, and we are trapped inside it, and can only feel or see inside it using classical physics, our minds may give us a way to look into hidden areas or aspects of our world, expanding our consciousness. Since our minds control our full awareness, and control what we think and do, they may provide a crucial porthole to see more of energy than our material senses give us. Every thing we do, we do it using the facilities that the universe gives us, which includes our minds. However, our thoughts and minds are often demeaned and clouded by the misunderstandings of false prejudices which are rife in western cultures (see later).

Despite the knowledge that everything in the universe is made by Energy, which we don't understand, but also knowing that everything is apparently controlled by invisible levels of energy, it is surprising that we don't make understanding Energy our primary scientific consideration. Science tells me that classical physics cannot be a way to truth, and its replacement by quantum theories only establishes the fact that a better knowledge of Energy is imperative if we want the real truth, or the truth of reality, but even QM cannot provide this. However, QM

does make it clear to me, that there is an intelligence greater than human intelligence in this universe and Albert Einstein agreed with this when he stated:

"My religion consists of a humble admiration of the illimitable superior spirit who reveals himself in the slight details we are able to perceive with our frail and feeble mind (s)."

Calling this greater intelligence God, but then thinking of God as an entity that can be described in human terms is a *non-sequitur*. If a God shows all the frailties and prejudices of humans, it cannot be a God. The true idea of a **God** is one that is illimitable and rises above human ideas and activities, and will have the ability to allow things to occur that cannot be explained by human mechanics, *i.e.* God will have magical powers, outside of science. As Einstein said:

"God does not care about our mathematical difficulties. He integrates empirically."

If you think that the God you have concocted does not have magical powers, then that entity could not be in control of the myriad events that human science cannot explain. So your God is not capable of doing things that are amazingly common, and which we take for granted, but can't explain. However, it is a fact that these things, or events, 'do' occur in everyday life, and this infers that a superior illimitable entity does exist. No human can create a universe like the one we live in.

MINDS AND THE CODES OF HUMAN LIFE

The Community Source Code 1

The way we live is currently determined by what I call a 'source code', a code of life for people to use in their own community. Children begin to acquire the code from parents, peers, and a diversity of teachers when they are very young. If they do not accept the local *status quo* they tend to become outcasts, or at the very least, they tend to be regarded as being 'unusual' by their peers. There is a general assumption that the current way of life in any community has the best mores to survive in that community, and local governments work under this assumption in most western communities. Unfortunately, and unwittingly, the deceitful code of our way of life on earth begins in childhood.

Governments and their publics thrive on significant misunderstandings of classical science which began to grow from the seminal work of Isaac Newton (died 1727) and have never been replaced in the public's mind by quantum physics which originated in 1900 by Max Planck, more than a hundred years ago. The development of quantum mechanics QM (unfortunately so called, see later) is still ongoing. Nevertheless, the pervasive atmosphere of western sociology is maintained with classical science, and its laws still cloud every part of our lives. It survives because it permits the assumption that our current culture provides an honest and truthful way of life. We, the public, assume that how we behave now, overrules our crude uneducated historical past. Yet most of the ideas behind western cultures have never been reformed by changes in modern science (QM) and we are still stuck in the past by using the old science, and some ideas we widely accept. These ideas are embedded in our underlying way of life, from childhood up, and they allow the use of classical science to continue, but this old science has been separated from its fundamental foundation, as though it does not need one. Yet it has been known from eternity that any structure built without a solid foundation is always open to sudden collapse. We continue to work with classical science as the essence of our culture as though it breathes reality, but in fact it does not and cannot lead to reality. The understanding of this fact and its implications are covered up, or simply discarded because they could cause cataclysmic changes to our cultures. A different public understanding of the very fundament of science could topple the paradigms we now live with, and will spill our current social apple cart (*English phrase*) but I think this will be necessary to prevent the extinction of our species.

The future, foreseen by modern science, is definitely *avant garde*. The deep implications of quantum theory need to be widely appreciated by the public and its potentials should not be demeaned as science fiction. Yet it is as though most of us do not want to see the current world of invention and business to cave in, and be over turned by a different understanding of the basis science. Yet it is now clear that if the study of science as a discipline honestly strives for truth in all things, it must admit that our current culture is deceitful and based on our misunderstanding of the foundation of science and the implications of this.

Our current culture was fixed by our ancestors to lead to a *status quo*, but this leads to endless disasters and to despair. Importantly, I think that the sea change I wish for will only come upwards from the public and not from top downwards, because from the top, the cliques of people who currently control the cultural atmosphere we breathe, will fight to prevent any change. They also maintain the really toxic chemo-physical atmosphere that the public suffers, which has been developing on our planet for the last 140 years with no concern for people and planet. The top tiers of people are not compassionate, they do not think fondly of others, and they live only for themselves. Most national governments put business ahead of public health care.

Billions of people are now ruthlessly, dispassionately, and highly sophisticatedly, controlled by a few, but who are the few? Not the billionaires of the world! The few, are not so few, and are the upper and middle classes, and all the people who control those who are below them. Those people

who want bigger and better houses, more cars, more holidays, more money, and more power, more everything. They do not want to change, they will struggle through a network in their community with a code of life which belies truth and honesty. All sorts of ideas have burgeoned in business practice to allow people and their companies to cheat and lie, or avoid regulations in ways that can be obscured, and this in the interest of individual greed for wealth and power for themselves. Not for the 'general' public. The majority of middle class people in this world do not want to change their habits even though they know their way of life spreads across the world and the price for this is the devastation of the ecology of this planet. These people are indifferent to the implications of this damage, until it directly impinges on their own lives.

Despite this, the assumption that the need to advance up ladders of power is inbuilt in human behaviour and this is instinctively guaranteed to operate from people's DNA is common, but wrong. It misses the fact that the behaviour of people does not stem from their material bodies, but from their invisible minds. This is to say that thoughts to order brains to activate physical actions come from their minds. It is human minds which give people their ideas and personalities, and order what their brains do. DNA does not tell a person what to do. If your DNA does not have the information to incite a process in your body, the process will never happen in you, but if you do have that information, the relevant process might, or might not, happen. It is a great 'con' to think that everything you do is controlled by your DNA, and 'you can't help it'!

This is where your mind is the master, and whether you do, or do not do anything, comes from an intricate complex of thought in your mind. This is known to be true, but how your mind works is something we don't know. Your mind works directly with invisible energy, with thoughts, and awareness, but the mechanics of this are invisible, and this why quantum 'mechanics' is an unfortunate name. QM can see visible particles in and out of an invisible cloud of energy, but cannot see what goes on inside the cloud of energy. It therefore cannot see the clockwork that happens in your mind which is essentially ethereal and does not have geo-spatial coordinates, *i.e.* we can not locate minds, but they do exist separate from any part of a human body. Brain activity is not mind activity. Brain activity indicates that biochemistry and physiology occurs.

A history of my thoughts on mind and energy

I came to understand the potential of Albert Einstein's knowledge that 'the order of things we can see' is a possible way to begin to consider laws that lie hidden in the invisibility of free energy *per se*, and strands of ideas can come to us via intuition. I knew that using classical science would not be the way to understand the reality of life, but trying to probe the invisibility of energy was.

My ideas regarding the assumptions which misguide our societies and communities emerged from a ramble of complex thought patterns over time. They showed, looking at the big picture of a multi-dimensional jigsaw puzzle changed, when just one particular piece was placed differently, at different times and at different sites. This could lead to very different understandings of the whole picture. I find that literary repetition is necessary to build the history of my ideas, because for example, if this idea fitted 'here', but then later can also be fitted 'there', the changeable fitments of two scenarios could appear years apart in my mind, but then could lead to a myriad of changeable probabilities. Regretfully, seeing all this requires reading all the jumble I write to get a full warmth of my interpretations.

Perhaps the most important thing that needs to be reiterated in the beginning is that modern science, *i.e.* quantum mechanics (QM), does not know what Spirit is, and therefore does not know what Energy is. Also, that QM cannot predict anything, but does give probabilities (p. 43), and does show that there are inequalities in nature which cannot be accounted for by any logical thought process. To put it another way, it is the Energy which science says is the foundation of everything (all matter, all forces, space and time) that shows properties which cannot be predicted

by science. So this says that energy which is scientifically the base of all things, shows magical or unexpected properties in itself!

Thus, from the previous paragraph, what happens in nature cannot be precisely predicted by science, and the entrenched ideas of classical science are still accepted by the public (because they are not correctly re-educated) and it these old ideas not verified by modern science are my concern. The very basis of science is not firm, although most scientists carry on in their limited areas of endeavour and treat the mysterious basis of science indifferently. Saying their work is based on energy, which is not fully understood, is like working with counterfeit money, knowing any deal can come crashing down like a house of cards if the foundations are found to be false.

Nobody knows what Energy is, it doesn't have a foundation like a God or a Creator in current texts, but it is mysterious and invisible, and although we think we know some things it can do, we certainly cannot say that we know all of its manifestations. After all, most of them that we do know are invisible *e.g.* space, time, minds and thoughts. Since some of them, but not all, impact and disturb matter, we can measure those indirectly, but even this is not fully established (p.28). There are other attributes of energy which we can observe only in our minds, and these we cannot measure even indirectly because they do not appear to disturb matter at all. These invisible aspects of energy, like emotions of fear, love, hate, anxiety and jealousy, can change in the flick of an eyelid, but they are in the complex of the control of our daily lives. None of these aspects of energy can be measured or standardised on a scale of 0-10. Once I had a childhood girlfriend who frequently asked how much did I love her? She wanted a figure or an idea. I guess not being able to give her this is why I lost her!

Magic

Before I go on, I think it is necessary to explain the history of magic, if I want to use that word, which I do. Today we use the word to indicate a trick, a deceit, and this meaning is widely accepted, but it was not always so. The word comes from a spiritual religion (Zoroastrianism) some 4,000 years old, which became the official religion of Persia for 2,000 years, and its elders were the Magi. The dates that the founder of this religion, Zarathustra, lived and died are not definitely known, but that he lived for 77 years in old Persia is I think, a fact. His religion took basic elements from a much older religion (Jainism) which began 6,000 years ago in India, and the seminal ideas of that were further developed in Zoroastrianism. Zarathustra, an Arabian prophet, began the religion, although he was called Zoroaster, in Greek. He preached that a Great Spirit (Ahura Mazda) was the only God, and the elders of his religion were Magi or Magicians. Yet, at this time the Hebrew religion was also concurrent in the Middle East, and was saying very similar things *i.e.* there was only one God (called Yahwey). It was then the Jews began to deride the Zoroastrian Magi saying that their teachings were deceitful, which led to the deliberate misunderstanding of the words of the Magi, and hence the magic they taught. This is where religions begun to fight with each other. Note: three Magi visited Jesus Christ at his birth bringing him presents, and later Christianity also became a concurrent religion with Zoroastrianism.

Religions

Most modern religions tell that God's spirit was the invisible entity that created the universe, and that originally, God did not dictate rules to humans. Ahura Mazda gave people free will and tells people to think good things, say good things, and act good things, making the world righteous in every way possible. This religion does not concede to man-made rules, whereas Judaism, Christianity and Islam all have come to do. The latter three have teachers (priests) to tell people what God wants from them, and who give rules that are said to be necessary to satisfy God and hence grant salvation. But these rules are largely directed, and added too, by priests and monarchs who clearly used their religions to satisfy themselves and gather control over their congregations.

Despite this, many of the mores of Zoroastrianism are also seen in Judaism and Christianity, *e.g.* Noah and the Great Flood.

These two former religions are often classed as the first monotheistic religions, but that is not true, and they are each, less than 5,000 years old. By contrast the Australian Aborigines (AA) believed in one Great Spirit which created the universe, and we know that they have had their belief from their *Dreamtime (or Creation Time)* for at least 75,000 years. They think the Creator did not give definite rules but a righteous way of life in which they made their own decisions. Theirs has to be the oldest way of human life available for true discussion on Earth. The AA are of the same species as us, *Homo sapiens*. We know they have occupied Australia for the last 75,000 years and were isolated from other human contacts for much of this time. It is important to understand that *Homo sapiens* began mixing sexually with (*H. neanderthalensis*) in Asia between 50-40,000 years ago, before the Neanderthal species became extinct around 34,000 years ago in Europe. Also, the AA seem to have been isolated from other humans, for at least the last 35,000 years and their current ideas could well be the same or similar to those of the Neanderthals.

The Aborigines of Australia

Nobody seems to consider what these ancient people thought and believed, and their ideas were considered barbaric and can be dismissed without thought. All archeologists that I knew at the museums in London in 1970, considered the older species of humans were highly aggressive and fought with each other, and didn't mix, but I suggest it was otherwise. I think that they lived in herds, where they supported each other, and had intuition, and possibly they had different local sense abilities and also relied on intuition more than we do today. The fact that *Homo sapiens* interbred with Neanderthal people has been established and the first DNA evidence of this comes from Siberia from a cave in Denisova in the Altai Mountains. Here, there is evidence that the humans who lived there appear had made significant transits of many hundreds of kilometres suggesting the beginnings of business. The fact that Neanderthals (*H. neanderthalensis*) and Denisovians (*H. sapiens altai*) used eagles for hunting and made jewellery has only recently been discovered in different sites. It is certain that they AA swam in the sea and ate crabs and clams, and used clam shells as tools, and they brought dogs with them (now called Dingoes) to Australia.

Recent research has established that the AA people had been isolated from any other humans for tectonic reasons as their continent had been separated from all other land for 35 million years ago. and the oldest ancestral human-like creatures (*Australopithecus spp*) are thought to be some 3.8 million years old and found in East Africa. The AA were the first humans to appear in Australia, arriving there in some unknown way at least 75,000 years ago. They, and their dogs, were the first placental mammals to invade that continent. There were marsupial mammals in Australia at that time when it became isolated from Gondwana, where infants are born into an open pouch, and are very small and spend long time developing and lapping milk from their mothers skin in open pouches (*e.g.* kangaroos and koalas), while by contrast, placental mammals develop inside their mothers body being fed through a placenta, and were much larger and highly developed at birth.

I began toying with the idea of energy being one single entity that makes spacetime and the matter within it, when I was at high school. In my mind, in 1949, I imagined something wonderful, but which I couldn't hold on to, but I wondered if God had a mind, powerful enough to see the entire universe, and in which the universe writhes and changes as a continuing thought, or as an on-going consciousness. But thinking about the mind of God seemed to be dangerous and I tried to keep off this path. However, after an exchange of letters with Donald Hearn, which began in 1951, I began thinking about minds seriously. Don had been a close friend at boarding school (*Midhurst Grammar School, Sussex, UK*) until 1950, before he emigrated to Australia as a boy of 16, to work on a horse farm in Victoria.

There, he had close contacts with Australian aborigines, and had talked to them about their *Dreamtime*, and he discussed their ideas with me. Later I had the opportunity to discuss the creation of the universe with an aborigine in London in Australia House (embassy) and later again in the Eyre Peninsula where I later lived, and in the Flinders Ranges in South Australia, and later in the Northern Territory and in the Cape York Peninsula in Queensland where I also worked. These meetings happened between 1955 to 1962, and again in 1966. With help from Colin Thiele, a well known Australian writer and geographer (we had both taught at *Port Lincoln High School, South Australia*) and Richard Anderson (a student of mine), I made contact with a number of aborigines who spoke English. Their ideas, and their way of life had been passed on verbally from generation to generation, during which time they had been very likely isolated from all other human contacts. The fact that the aborigines had lived in northern parts of Australia for more than 75,000 years was discovered two to three decades later, and when this information was published in archeological journals, a new light was thrown on my ideas. The AA carried the oldest human ideas, ever, and we could still talk to these people about their code of life which their ancestors had practiced for 75 centuries!

The major problem we had was not being able to ask aboriginal people questions in English, we had to get a translator, and then it was very difficult to make him, as a farm hand, to understand the minutiae of our questions. Note: no Australian aboriginal that I knew at that time went to a western school. Later there was a young woman in Queensland who was the most understanding, and had worked for a group of British professional people, who gave me confidence in the replies to our questions. She laughed at me a lot, I never knew why, but it made a bond between us.

The oldest way of human life I know of is therefore of these aborigines. They knew so much more than I knew about the immediate world we lived in together. They didn't know the way that Linnaeus named different species, nor did they know what the word species is thought to mean. However, they knew more about the ecosystem we were in, than any scientist that I knew at that time. They saw how it all fitted together and they realised that they were part of it and shared its spirit, its own atmosphere. They were a part of it, living with it, because of it, and everything they did reverberated through it, with all the plants and animals together because they were all part of it, while I felt I was outside like an inspector. They didn't behave as though they were separate beings, but as though they were a part of *'The Living'* which engulfed all things, the animals, vegetation, mountains, lakes, rivers, sea and air and they often talked to other living species and they knew the animal's homes and habitats, and used their local names. The words, *'The Living'*, is what I understood to describe their understanding that they (and me) were inherently a part of the spirit that creates and changes the local environment. The sky, the clouds, the trees, the wind, the rain, the creek, animals, rocks, the ground itself, were tied together, but this was changing all the time, and we should understand that if we do something, anything, it will be recognised by the spirit of the environment, and has ongoing effects.

They believed being alive means having awareness of the creation, made by the Great Spirit who made every thing in concert. That is, all things, animate and inanimate, in one huge complex creation made in the creator's spirit. They said that in all material things the spirit is dormant, but that all material things were connected to everything else by the Creator's free spirit making the 'atmosphere' (my word to try to explain what I was told) and the creation is all one complex of spirit. They believe therefore that they are part of the Great Spirit still working. The idea of owning any thing was foreign to them because you couldn't own parts of the Great Spirit, *i.e.* parts of what you are part of. They believe that they must help each other, at all times, and sense each other in ways that we do not, because they are all part of the same dynamic thing. They regard all humans as one part of the awareness, or the *'The Living'*, and they see the world as an invisible atmosphere in which they occur and are closely integrated in, and always aware of it. They feel close to others, and the forests, lakes and mountains which are bonded together,

because they are made in the same spirit. They thought of spirit as one single thing, and the creation was inside this. This let me to think about a God who was outside of its creation, to a Spirit which surrounded its creation.

They thought that sub-spirits dwelt in large areas, *e.g.* a lake or a forest or creek, and these were always aware. There were many local, small spirits (or sub-systems), *e.g.* that cause thunder, lightning, rain, and they can be mobile and pass up valleys or cross over mountains. White men should not destroy the environment as it didn't belong to them. It didn't belong to anyone, it belonged to the Great Spirit. It was easy to believe that they and the forest, the land, flora and fauna, were disguises of the same thing, the Spirit. Everything sang of community, helping each other, understanding and compassion. We were all part of the Creator who made us, but more than that. It wasn't just 'one' creation, done and dusted and now gone, but one that is continuing today.

They see the environment differently from us because they always see they are part of it, and they know that what they do alters the balance of the whole environment. They seem to be highly aware of this, walking in it step by step, like an actor in a play holding onto a script. At times every thing was a prop, the bird up there, the lizard over there, and the man behind the rock, the fish in the river. There was a live continuity joining everything together, a realisation that we are all part of a single on-going living system. It is *The Living* which happens in the 'atmosphere' of the creator, who is alive and aware.

They do not farm, and they take food from the land, air and water. They do not make many tools and most of these are wooden. There was little anger and great calm. Their minds think of the big picture, to see its beauty, rather than having their minds being confined to their current job. I often thought they were dreaming, and remembered how I was shaken and slapped by an angry teacher at my first primary school, because I was caught 'day dreaming'. In fact I was looking out of the window and in my mind I was talking to a bird I saw. The aboriginals I walked with seemed to be in touch with everything, and I envied them. It is intuitively the way to go. This gives a different source code, which I hope is still working well in the native reserves in Australia. The control comes from seeing the whole picture. You can say it is primitive, but it is beautiful, and to me it is closer to heaven, than the hurry scurry, pushing and shoving, and the atmosphere of greed and anger in the streets of New York or London.

Living with what the Creator's environment gives you for free, or living for what men's technology gives you for money, is vastly different. You can be satisfied by the former, be calm, do not need to fight others, and need nothing more, but still you can think, whereas in the latter situation you have to fight and struggle to attain what man's technology brings, which always changes, deliberately, in ways to sell more.

It is true that the first white person to land in Australia was a Dutchman (Willem Janszoon) in 1606, and before that, we didn't know Australia existed. Janszoon arrived on the Cape York Peninsular (Queensland) to repair his ship (*the Duyfken*) from storm damage, and left promptly. Subsequently other seafarers had seen parts of Western Australia a few years later, but they did not colonise. It was the British who did this 182 years later in 1788, and it was another 100 years before a few aboriginals could speak English well enough to have an intelligent conversation with us. It was then close to 1900 when the British began to understand a way of human life which had persisted unchanged throughout the last 75 centuries, but then they began to destroy it in the cause of Christianity as taught in Britain. It appeared that Jesus' indication that people should not judge each other, and should help others as though they were brothers and sisters, and let them make their own decisions, and be forgiving, was forgotten. Instead the British brought rules and unforgiving regulations with them. The AA had no written language, nor do they still, while the British brought a new language, handwriting, persecution, and a highly inappropriate code of life

for Australia at that time. Nevertheless, what the AA told me was a new way of looking at human life drawn from 75 centuries of observation and it was stunningly good to me.

I asked people in England "What is the oldest religion on Earth?" My high school teachers and later my peers at university had suggested Hindu which was thought to be 7,000 years old. Most people had no answer to this question, nor do they know even now. But Don Hearn and I had been talking to people whose way of life went way back to before the Neanderthal humans became extinct 30,000 years ago, and whose ideas had been passed from generation to generation, and now they talked to us face to face. This provided a fount of pristine knowledge that western science had missed, and deliberately so, because these people were considered to be primitive, stupid, and were 'getting in the way' of western advancement. What Don and I told adults were laughed at, since we were young and highly imaginative. However, I saw a life without greed, which leapt from a one single piece of over-arching knowledge. It was that the *Great Spirit* had made everything within its own spirit in a single still running operation. This was magical. I pounced on the idea that the AA thought that energy lay dormant in all matter, but that all things are interconnected throughout all space and time by free energy. Isn't that what science says? I think so. Does this involve energy entanglement throughout the universe? Yes I am sure. Is the spacetime universe contrived, and quantized by God to make it more understandable to humans? If it were not quantized there could be no mathematics to count with!

Returning to science as it is still perceived.

Are we thoughts in a Great Creator's mind? Are all material things we see, *i.e.* the whole universe, an ongoing manifestation of energy in a great mind? This was a thought I had early on in 1946 when I wrote to Albert Einstein and my mind was giving me wild ideas which most people considered crazy, except my physics teacher at *East Grinstead Grammar School*. It was he, who suggested I should write to Einstein.

Clearly now, everything we see as material stuff is not really 'real', in the sense that the reality is with the energy which makes it. The energy itself is invisible and clearly more fundamental than the visual material. The reality is hidden in matter, and is with the entity which makes it, which is now called energy. So science, which relies on mathematics and material stuff, is not a fundamental endeavour for us. Although science tries to indirectly classify and measure the invisible energy that matter holds, it falls into a trap which is to think that we know all about energy, when we actually know only a few things that energy does, but certainly not all. We know only the aspects of energy which visibly react with material stuff, and we also assume that the outcomes of the same mix of materials, under the same conditions, is always the same, but that is not true! In fact, micro-particles temporarily dissolve and disappear into base energy to set their fundamentals together to react, and when the outcomes are looked at carefully, with quantum facilities there are inequalities in the outcomes which cannot be explained by any physics, demonstrated in 1964 by John Bell, and this observation continues in the macro world.

We people have lived, since Galileo and Newton's times, under the misunderstanding that science will lead to truth and reality, and our codes of life are still tied to this lie. Unfortunately today, our social atmospheres, or codes of life, require people to maintain the *status quo* or fall out of the warmth of their community, and the warning of Max Planck's 1900 quantum theory has never gained credence with the general public. Most people tend to dismiss the fact that many genuine observations occur which cannot be explained by science, and they do not say or do anything about this, since this information will damage political, economic or religious communities, or even their own lives. They are frightened they will lose status if they step out of line. Our governments and publics have backed the wrong horse in allowing this, because this has already led to enormous historic disasters. The idea that modern science cannot ever explain true reality just dumfounds people. They wanted it too, but it can't! If this is understood by the whole global

public, it will alter their way of life, but national governments and most lower-level communities don't want that, so they all take a blind eye to awkward observations, and force their members to toe the local line. It is dangerous for an individual to suggest that their society is moving towards disaster. This would make them outcasts in their communities, lose jobs and lower their status.

Minds and brains

I can see things in my mind at night with my eyes closed, and be aware of ideas, scenarios and thoughts, but these fade away when I switch over to my spacetime local senses and open my eyes. I then see darkness. So, with my eyes closed, I can see things in my mind that can disturb my personality and cause emotion, and the scenic energy inputs into my mind do not come from transduction from my brain, but from direct energy inputs into my mind I think.

The invisible parts of life can only be glimpsed in people's minds. They cannot measure what they see, and they are not from physiological chemical reactions in your brain. You cannot concoct chemicals that can be squirted into your body to make you see a particular scene, for example, 'a carpenter and a walrus walking together on a beach.' However, you can visualize it in your mind in phantom form, with your eyes closed. Then you can add and subtract different trees from the strand lines at the back of the beach, or put different clouds in the sky, and make it rain on that beach! You can imagine people on your beach, and converse with them, but the scene goes away when you open your eyes to let your local material senses take over. With your eyes open you see people in association with general material life, and all your material local senses are in play, but with your eyes closed and your auditory senses muted, you can talk to your mind without clashes of misleading information. People often close their eyes to concentrate their minds when making difficult decisions. You can imagine scenarios which are not real in spacetime, but can they be real behind spacetime?

Where do you see anything, with your eyes open or when they are closed? I suggest you see them in your mind, which is not in your brain. I suggest the mirror of your mind is beyond spacetime, and what you see with your eyes open come from the *transduction* (my word) of physico-chemical material inputs from your local senses to become free energy in your mind. I suggest that your body has tissue containing antennae which can *transduce* material into energy which you 'see' in the mirror of your mind, where energy meets other energy directly, to make you conscious of situations resembling your apparent environmental material situation. I think when you see a tree, when you feel its bark, when grip a branch, I think that your antennae transduce these senses to your mind, and but how our minds work, and where they are I have no idea. When you smell the fragrance of a rose, or taste something delicious, these senses are also transduced to your mind.

Since I am sure that human minds do not have an anatomical base in our bodies, and that minds are not held in matter, and the idea that minds are entirely ethereal and can exist in the engulfing energy of the universe I think is possible. From this situation, in energy outside of spacetime, a minds can control a human, and a nest of ants (see later). Both situations require transduction antennae, but then both minds are aware of the relevant environmental situations, and can control the responses of the physical beings. This can explain how invertebrates respond to situations suggesting they have minds, because they do! If minds, of all kinds, exist in the universal engulfing sea of energy, they may all be entangled in the one unbroken energy that is the universe, providing a way in which at least every living being is interconnected. This idea allows that other living beings, say plants and fungi, can have transduction tissues to feed different types of mind. Awareness and consciousness is developed in a high level in humans, but we are not the only living beings to be aware.

Saying what I have just said, implies that I think that energy is more capable than we can ever know, and that it can induce unexpected and unexplainable things to happen. I think we should

agree that amazing things do happen, and we should probe them, seeing all ways around them looking for an explanation and do not let the scientific man-made 'laws' of science get in the way. For scientists to demean and distrust ideas which describe things that their ideas of energy cannot permit, indicates that they are letting their weak knowledge of energy overrule the facts of life. So when Stephen Hawking said on a BBC TV broadcast which I saw, words indicating that 'if God exists he must use modern science methods in creating the universe', Hawking brings God down to human standards, and implies that there is no illimitable intellectual ability in this universe.

To clarify, our CNS can collect inputs from material things biochemically, but can then transduce them to energy in our minds, where they make sense. However, as mentioned in my prelude, direct energy inputs can also feed your mind from the energy cloak of the universe, and it is this which may provide intuition, unwanted or not, to minds, and not only to human minds. Invisible direct energy inputs come to people and to other living beings, willy nilly, and are inherent in our lives and are so common we dismiss them as nothing special. We do not recognize that all the invisibility of our world is wonderful and mysterious, for example, the fact that we can walk through space without disturbing it is mysterious. A spider with a web on an outside corner of a window in my house, spent time taking and throwing out all little 'logs' of vegetation caught in its web. It often cleaned its web. This is a material task, but what told it to do this? It has not got a brain as such, so what informed it, or told it to do this? Instinct or Intuition? (See later.)

We are now being told that there is so-called 'dark energy' and 'dark matter' in the universe about which we know nothing for sure, but just supposing them and their potentials, as science does, explains an otherwise unexplainable problem. However, now you can read articles indicating that dark matter is a fact, but in true fact, it is still only an assumption; albeit one that fits into science to explain what otherwise it cannot explain. Yet there are other ideas that explain observations that science can't explain, but these are not considered seriously by the 'big wigs' of science. There are other *avant garde* ideas, which I discuss later, which are not considered seriously, but why not? They also explain things that otherwise science cannot explain. Perhaps the big wigs in their own areas of science fear that their personal status can be damaged in their social world if they take new untrodden paths which might peter out?

What I am indicating here is simply that the 'assumption' of 'new' aspects of energy in a way heretofore never considered, to satisfy cosmologists, is in sharp contrast to the way that in other fields, scientists generally dismiss 'new' aspects of energy, even when they too provide explanations to common events otherwise not explainable by current science. In this category there are those who look only at the anatomy and physiology of brains, and see 'minds' as mere facets of brains, and these people are fearful nuisances. They do not want to consider that minds and brains could be something entirely separate, and work in different physical planes, *e.g.* minds work in pure energy, and brains in encumbered material chemical energy, and transduction is a process which allows brain-mind connection and *vice versa*.

Minds and their thoughts are invisible and cannot be measured by mathematics, and therefore are often dumped as being paranormal and outside of science, yet they operate with direct energy and provide us with consciousness, emotions and personalities. To squeeze minds into cellular brain anatomy fails badly. Looking for anatomical sites which contain antennas capable of transducing physiological information into aspects of energy, then seen on the 'screens of our minds' are not yet common. To reiterate, I think that what we see with our eyes goes through transduction into an aspect of energy which is visible in our minds, and our minds are in a level of intellect above ordinary matter. I think minds are part of the primordial energy, and cannot be described in usual scientific terms. They are rooted in the whole entanglement of energy in which the whole universe seems to exist. Note, that the universe, or aspects of it we see, may be seen differently from us by other living beings.

Trying to force things into classical or QM science is not letting the light in. Reaching out, with our minds, to try to contemplate the greater existence of a spirit/energy continuum is I think a way to see life and science very differently, and leads towards the existence of an illimitable intelligence that foreshadows everything, but this latter will not be human. The idea that human intelligence is supreme, and greater than any other intelligence, is clearly wrong. Science does believe that everything we can know about is created by an ethereal spirit called energy, but the arrogance here is that we behave as though we know everything about energy, but we actually put man-made restrictions on its possible manifestations! We are wont to dismiss new suggested aspects of energy which do not fall into the mechanical mathematical form that old science requires. Clearly there are other aspects of energy (all invisible) which do operate and do not directly disturb matter, and they are seen only in our minds. The understanding that our minds are ethereal, they are not attributes of matter, nor are they limited by spacetime, but they can exist separately from our bodies, and are not generally accepted by science as currently practised, is a major move forward in science, as Henry Stapp has indicated (later). Most neuro-scientists do not want to go down this new and possibly amazing path, because it will be a paradigm changer. Science as practiced now is incomplete, it avoids basic truths, but this knowledge if publicly accepted it could develop a different and more sustainable 'code of life' for all humans (later).

Space

This is one aspect of energy which you cannot see, nor measure directly, but the appearance of matter in space makes it possible to indirectly measure it. You cannot see it. You cannot buy a mile of space, but you can run a mile between two material points. You cannot buy a litre of space, but you can buy a litre of milk in a carton of the right size. The volume of space in the litre carton is 1,000 cubic centimetres, but the volume of space in the carton doesn't change if it is full of milk, or air, or sand. If you fill a bath to the brim with water, and then you climb into the bath as Archimedes once did, you will displace the same volume of water that your body takes up, and this tells us that matter can displace matter, but not space! This is because the volume of the bath is the same whether you are in it or not, or is empty, or full of sand. Invisible space permeates everything, you, your room, the walls around you, and the whole world. The distance between you and the windows of your room does not change, even if several people come and line up between you and the window. Space permeates all matter, but doesn't disturb matter. It goes through the earth, moon, sun and stars, and all living and non-living things. Space is an entity and is never empty, it is always full of space, and again, *Isaac Newton* new this:

All space is suffused with Spirit (i.e. Energy):

Space allows all material things to move and spin in it, apparently not disturbing it. This is because space is not made of matter, but it is a real silent mysterious entity, and a manifestation of energy.

When matter appears to move in space it does not displace space, but appears to 'light up' different parts of space in time, as though it is phantom matter. Space shows a person dancing when their movements are illuminated by different parts of space like a static canvas, as if they were different 'pixels' of space which light up and darken, but even to say 'pixel' in this context is wrong because pixel implies a material point, and space is not material. If you were able to see space, as a light bluish haze, and you sucked out all the air from a transparent vacuum flask, the light blue of space will still pervade the container, and in fact would pervade all the universe and all matter. It is tempting to try to understand space as a material thing, but it is not, it is an invisible manifestation of energy of some kind. As in the movies, if you turn off the projector the vision goes away, but the screen is left. In the case of space, the projector is radiation from outside of your body and this is felt differently if it comes through your eyes (you transduce it to mind) or if hits your skin (you tan or burn). The relationship between space and mind is a

fascinating and intriguing concern and not possible to understand in classical physical terms, but it appears rather magical!

Minds in Space

When you see something with your mind, when your eyes are closed, it is your mind that lights up and provides the screen, but your mind is not in your brain. Your mind is pure energy. To wonder where your mind is situated is not an appropriate question, because your mind does not have spatial co-ordinates. It is not an entity that is luminous in spacetime and does not therefore have the dimensions of matter, although many physicists will draw pictures to indicate invisible things in space. Your mind is accessible from any where in the universe, and is not anywhere imprisoned by material barriers. Probably it is part of another aspect of the energy of the whole universe, operating on a different 'plane' of energy than spacetime, and which we can intrude into only with our minds.

As I have said I think that areas in our bodies (could be in brains but not necessarily) can transduce information to your mind and go through a matter to energy transformation all the time. They are the body – mind connectors. Several scientists have begun to talk about the wave energy cloud which this will cause over our brains, as though transduction appears in brains. That might happen, but they write as though they can see the cloud! They can't because energy is invisible and does not have spatial and time attributes! Material brain activity can be seen mechanically, lighting up areas, but this is electrical and shows biochemistry, and this does not imply that your mind is in your brain, but it probably shows where some of the antennal areas are. If the entanglement of energy can occur throughout an energy cloud, which seems to be possible using QM case, it is theoretically possible that one single unbroken Energy entity could engulf the whole planet Earth or the whole universe as I mentioned in my play *Space, Magic and Mystery* in 1954, and hinted of in my prelude on p.4.

The Miranda Affaire

In 1953 I became concerned about ideas that were not given credence by science but that could explain several paranormal phenomena. I was particularly concerned about an event that I and several others were party too, and which suggested that mobility of information could come from connections between minds, or through a network of energy working as one universal single mind, which could be accessed by more than one mind instantly. The specific event took place in a railway carriage on an express passenger train on a service between Leicester and London, UK, when the train was running at speed, *circa* 60 miles per hour (96 km/hr).

Five of us, all students at the *University College of Leicester* which was part of the *University of London* at that time, entered an empty compartment, and took seats. There was a corridor on one side of the compartment and there were 8 seats, 4 each in opposite rows. I took a corner corridor seat facing the front of the train, and the adjacent seat to me was taken by a girl called Miranda. The two opposite seats were taken by Hannia and Margaret, looking towards the back of the train. Tim, the other male, took a kitty-corner seat, opposite to me. We were happy, talking and laughing, and we were all excited by going to our different homes for Christmas Holidays.

With no warning, Miranda shot up, tall and straight, as though she had been propelled like a bullet from a gun. She seemed to be stretching her body extremely, and hurtfully, and her mouth and eyes were open, but no sound came from her. Then she began to shiver, then to shake badly, and her face indicated she was going to scream, but she made no sound. Everybody was shocked waiting for the scream but it did not come, instead she fell like a ton of bricks to the floor at my feet, where she crashed with no indication of stopping herself. I thought she had died. The air hung silent over what had happened. Miranda was a bunch of clothes on the floor. I could not see her face and hands. I had risen, and the others too, but then she began to shudder and I bent down,

then saw her face, and she gasped as though striving for breath. Tim and I lifted her and laid her longways, on our seat, and I rolled my coat to make her a pillow, and then she buried her face and began to weep silently. She said nothing but sometimes looked ferociously into my face. She pulled her knees up to her chin while fiercely clenching her hands, and it took 5-10 minutes before her body relaxed and she tried to speak. When we had lifted her, I had seen the time on my watch. It was then 10.33 a.m. I wanted to know how long it would be before we arrived in London to get medical assistance. Stopping the train in the country by pulling the emergency cord (high up on the wall toward the cabin roof on all British trains) was not an option as we would stop in the country, but I considered this.

After some 10 minutes Miranda whispered '*it was Bruno*' (this turned out to be her dog). He had been killed, smashed down on the road immediately outside her house, which was in Swansea, in Wales some 310 miles away. He saw her, she knew, as she saw him and his face and his eyes and there was a communication between them. Bruno was telling her he was dying. She felt his pain. Her body convulsed while she began to talk, but then she seemed to be looking for something, in the air, but couldn't see it. Then she said '*it was the bakers van*' (that killed Bruno). It took another 30 minutes to get to *London St. Pancras* station, when we all left the train and found a telephone kiosk and bundled inside while Miranda called her mother. As they heard each other, I heard her mother say "*Bruno is dead, he was killed by the bakers van*" and Miranda said "*I know, I know, I know, I saw it.*" It had happened at 10.30 a.m. we established. There were four of us who witnessed these events. Three of us are still alive today I believe (September 2019). The dog was killed some 310 miles (496 km) away. There were no cell phones then. The train was at speed. No scientist believed my story, indeed nobody did. My family said please don't tell any one this because they will think you are mad. This event is better described in my autobiography, and I still want to know how Miranda knew and saw this event. This began an ongoing chain of thought in my mind.

How did this happen? I had always been fascinated by space, and began to think back through my childhood and my thoughts of space then. I remembered the way different areas, or volumes of space suggested that they had different attributes, good or bad, and that I felt birds also sensed bad space, which I mention in my autobiography. Also, I had several times, heard my father's voice calling quite clearly when he was miles away from me, and I knew that space carried his voice and held energy. Later, I knew that I could alter my perception of matter in space, by moving, but matter did not displace space. Yet the space in an object I saw, could shorten or extend an object, depending on the object's changing distance speed relative to me. I knew that the huge pull of invisible gravity which was radiated from a star could bend space, but this was from reading a physics book. I knew stars could make space curve! Now the *Miranda Affaire* as I called it, showed that space can allow transfer of invisible data, *i.e.* thoughts and pictures, from one mind to another mind. Bruno to Miranda. Dog to human. Space was mysterious, and knowing these things was serious knowledge. It means that we are living in a silent non-tactile pervasive atmosphere which goes through us; one which we do not visualise with our material senses, but one that can penetrate our minds. What does this knowledge imply? I shivered at the idea that it might open a Pandora's Box in my mind. Yet science doesn't know what space is, nor what energy is! The public looks at space as though it is not there, not special, and does not see it as a sea of magic!

I knew space was never empty (à la Isaac Newton). I realised that space had energy which could creep disturbingly into my mind. I thought about a blue haze of space if we could see it, and then thought it might be a fine jelly that was not materially tactile but might be disturbed by changes in its energy if some other energy got added to it. It might be that when Bruno died his energy might have behaved like a rain drop entering the smooth surface of a lake which shifted to make way for the new drop, and this disturbance might resonate with other parts of the lake of energy which

were closely connected together, but this was trying to see what might have happened in material dimensional terms which of course could not apply. However, the 'essence' of the space had to be disturbed by some thing, like a colour wave, or a love wave, or another sense jolt.

Space permits other forces of energy, *e.g.* gravity and the electromagnetic forces of attraction or repulsion, to occur in it, and these two forces can be indirectly measured by the way in which they react with matter. But this does not tell us anything about energy. The fact is that we live in an atmosphere of spacetime manifested by, or in, energy. But we don't know what the fundament, Energy, is, nor what other things it may manifest! Perhaps energy could weave other invisible fabrics in the universe within spacetime, or perhaps outside of spacetime, where in both situations it may show different interactions between entities we do not perceive. So much is masked from us I fear. To ask where energy originates is not an appropriate question, because this is a material question, and doesn't have an answer in material terms, because energy is more fundamental than spacetime and any material. It is the foolishness of man, to think that what he sees is all there is, and then for us to have founded science on matter which is certainly some steps up the ladder from the first primal beginning. Understanding that there is a fundamental mystery guarantees that science does not have a solid foundation and cannot predict with honesty.

Time

You cannot see time, you cannot buy an hour of time, but you can develop units of time, using materials, so a day is the time that this planet takes to rotate going latitudinally one time perfectly around an axis, and thus calendars can be made and divided into days, hours, minutes and seconds *etc.* Matter, using gravity, can shorten or stretch time! Space and time are both therefore mysterious and are considered one thing, but this is not a simple space and time connection as the term may indicate. The 'rate' of your time changes when you go down a deep mine or up a high mountain and this also involves gravity changes. However, like space, time requires the appearance of matter to make it apparent to our minds, and it has also become a part of our 'common awareness' and we do not usually think it is mysterious! We just don't consider it. It has been with us since childhood, and invisible.

Thoughts

Thoughts are created by, or with, energy in our minds. Thoughts are invisible, but unlike space and time, they cannot be seen or measured in any way by matter. However, as matter can disturb matter, and integrate and interact with other matter, so energy may similarly be able to disturb other energy, and interact and integrate with other energy. So it may be that a thought (made of energy) can disturb, interact or integrate with another thought. The 'power' or 'strength' of a thought could possibly change at distance, and this can be limited in some way as gravity and electromagnetism are limited. Those latter forces depend upon two material objects reacting on each other, but the strength of the force is mediated by the distance between them and their masses. However, minds are not material objects, and I think that minds and thoughts are free of the reins of spacetime. I think that one mind can 'radiate' a thought to another mind but the transfer might be instantaneous, not having had to go through spacetime, but with the entanglement of energy. I think that minds appear to be unitary features only because they seem to be attached to a specific unitary body, but in fact they may be parts of one single unbroken entity (à la David Bohm) or the Great Creator's Spirit (à la Australian Aborigines). I think that thoughts *per se*, are only recognized by minds, which have the ability to make them, integrate them, radiate them, and dissolve them, as if minds were factories which deal with unencumbered energy, while brains by contrast, work with matter which is encumbered energy. Minds are aspects of free energy and become the core of our invisible consciousness, awareness, and our personalities.

Although people's physical actions are motivated by their brains, using inputs from their minds, people do not automatically show a physical response to new intelligence created in their minds. A sudden awareness can shock a person's mind, and the physical outcome of this can appear on a person's face, but this is still under mind control. Good spies, are good at keeping blank faces and not responding physically to unexpected shocks. The fact that a shock to our minds can cause a change in our faces, or other physiology, does not indicate that our mind is in our brain.

Minds can generate things, thoughts, ideas and visions, which are not automatically radiated to other minds, and can be held secretly. Using a mind, a person can think an idea, generate a play in his/her mind, and then can travel thousands of miles in space, and many days in time, but all the ideas and scenes associated with the play can still be retained and added to, or edited, in the person's mind. Therefore minds provide a magnificent imagination ground for theoretical scientific and literal exploration. Minds can probe 'energy only' occult situations which may spread throughout the universe. My mind makes me conscious of everything I think and sense, whether I saw it, heard it, read it, or thought it and it is my collection and integration data centre. I think that what my mind sees and feels is not real, but illusory. Other minds may see the same event differently with different illusions. From a human perspective, there is never a definitive single reality.

The creation of the universe began before matter was formed, so working back to the first creation of matter, does not go back to the beginning of the universe, yet we being material bodies living in a material world where everything we see has shape, time and causation, tend to assume these aspects of logic go back to very beginning of the universe. However, the universe began developing before the creation of matter, so cosmologists say, and it happened with pure Energy (Spirit) where there was no shape, time and causation, and where spacetime was initially created by this primal energy. I think that we now live in an illusory world, but the public still thinks in material terms, where we can understand the creation by thinking backwards using the classical scientific rules which were established in the 19th and early 20th centuries. The idea of the full material determination of the universe and thus the predictability of science was accepted as a central tenet from the time of Pierre-Simon Laplace (died 1827) before Max Planck raised the beginning of quantum theory in 1900. It is foolish to think that the classical scientific rules of science can give us ways to work backward and find details of the creation of the universe as Stephen Hawking ² (Nobel Prize winner in Physics) told the public in a BBC broadcast, where he ended by saying:

God still had some tricks up his sleeve!

And this was a colossal understatement! Nevertheless our bodies are made in matter, and therefore we cannot help but think in material terms, and beginning and ending is a true happening for all material objects. Yet not for our real selves, our personalities, which are made of invisible energy, whose full manifestations are hidden from us. We are part matter and part spirit, and the latter does not crumble when our bodies die. I am sure that Albert Einstein saw this and knew that the playground of our minds was where we really lived. That is where a person's awareness and consciousness live, but in invisibility, when he said:

"Imagination is more important than knowledge."

and

The most beautiful thing we can experience is the mysterious. It is the source of all true art and all science. He to whom this emotion is a stranger, who can no longer pause to wonder and stand rapt in awe, is as good as dead."

He (Einstein) said in an interview published in 1930, after he had asserted he was not an atheist, but had then been asked, was he a pantheist, he answered saying:

"I do not know if I can define myself as a Pantheist. The problem involved is too vast for our limited minds. May I not reply with a parable? The human mind, no matter how highly trained, cannot grasp the universe. We are in the position of a little child, entering a huge library whose walls are covered to the ceiling with books in many different tongues. The child knows that someone must have written those books. It does not know who or how. It does not understand the languages in which they are written. The child notes a definite plan in the arrangement of the books, a mysterious order, which it does not comprehend, but only dimly suspects. That, it seems to me, is the attitude of the human mind, even the greatest and most cultured, toward God. We see a universe marvellously arranged, obeying certain laws, but we understand the laws only dimly. Our limited minds cannot grasp the mysterious force that sways the constellations."

To me, there is no doubt that our minds are the principal controllers of all the activities created by humans, and scientifically they are more fundamental than our physical bodies and our brains. Minds can do a marvellous thing by combining inputs from the material and spiritual worlds together, as one. Although thoughts in your mind, can control your brain, which then controls your physical body, the 'essence' of you, is your mind. But be sure however, that human minds are not the only minds. Minds being an attribute of the energy of our universe, there may be minds outside of humans. My association with cats and dogs indicate they have minds. I think it incredible that some religious sects believe that the advent of humanity on Earth was necessary to bring consciousness into being. This too I think, is a foolish assumption for anybody to make. In this context I think that other animals can find different attributes of energy in their intuition than humans do, and are better in telepathy than we are, but whether our ancestors had greater telepathic facilities which we have lost, is just a guess. Miranda saw Bruno dying, indicating dog mind to human mind occurs.

Einstein noted that minds were windows to the Creator of the universe, when he said that:

"My religion consists of a humble admiration of the illimitable superior spirit who reveals himself in the slight details we are able to perceive with our frail and feeble mind(s)"

The unity of minds ?

There is evidence that human minds can care for each other. This shows in the emotion of 'loneliness' which can occur, even in crowded societies, when a person (*i.e.* a mind) yearns for companions which satisfy his/her mental need to converse with other minds of similar intellectual interests. Loneliness is more common and destructive in western societies today as generally thought. Importantly, it is the same interests, but not necessarily the same work or backgrounds, that yearn to be together. My use of the word 'intellectual' is not in any way implying that people should be considered or segregated by the so-called 'calibre' of their intellect, as often embedded in the basic code of life of western societies (*cf* George Orwell's dystopian novel *Nineteen Eighty Four*. Secker & Warburg, 1949). The bond between two people does not depend on anything that can be measured on a scale from 0-10.

Even in the land of human separateness, humans often jump to the defence of another unknown human who is suddenly seen to be in serious danger, while risking their own lives. I have been in situations where others, coming out of the blue, save the lives of people and pets. Vertebrates, over eons, have increasingly evolved better local anatomical senses suited to the protection of individuals in different environments, and this is why I suggest, that we humans have become highly ego-centric. We think of ourselves as separate material objects, away from the human herd. Herd-living animals require information from the greater over-arching environment for immediate survival (*e.g.*, the ants I discuss on p.23), while humans are not intimately concerned with the survival of individuals of their own kind. However, it is a fact that when acute danger is clearly seen to threaten the life of a single unknown person by others, they often jump to the

rescue. The idea that all specimens of *Homo sapiens* are closely related deep in the energy of this planet is I think quite possible, and I think there are tendrils of thought in our minds to suggest this. This of course might upset our ideas of what a species is! There are any number of episodes where animals protect each other outside of the herd. Cats and dog's are known to protect each other, and elephants are known to die while trying to help each other.

Also, in this land of human separateness, I have personally seen several paranormal events that cannot be explained by science, but can be explained by the idea of minds existing outside of human material shells, and at these times there were always others present to confirm what we all saw or heard. These things are detailed in my autobiography ³ and appear in an essay, *Space Is More Than It Seems* (2016) on my own Wiki. This nevertheless, leads me to consider that a planet-wide primal mind, in free energy, probably exists and can deliver intuition to lesser minds. I think that during the evolution of animals, especially those with little or no CNS, life depends heavily on this 'ecological' mind. I also think that those species who had developed brains and acute local senses, became less aware of the primal senses and became more and more ego-centric, being dominated by their new secondary senses. Humans now look upon themselves as being at the top of the tree of evolution and think they are supreme separate beings, and generally they do not consider each other fondly. I am sure that the loss of the herd instinct has led to the way we live now, and I was delighted to find that Albert Einstein had a similar idea regarding the loss of the herd instinct. He wrote:

"A human being is a part of a whole, called by us, the universe, a part limited in time and space. He experiences himself, his thoughts and feelings as something separated from the rest, a kind of optical delusion of his consciousness. This delusion is a kind of prison for us, restricting us to our personal desires and to affection for a few persons nearest to us. Our task must be to free ourselves from this prison by widening our circle of compassion to embrace all living creatures and the whole of nature in its beauty."

Werner Heisenberg, one of seminal proponents of quantum theory, said in 1974:

*"In the history of science, ever since the famous trial of Galileo, it has repeatedly been claimed that scientific truth cannot be reconciled with the religious interpretation of the world. Although I am now convinced that scientific truth is unassailable in its own **field**, I have never found it possible to dismiss the content of religious thinking as simply part of an outmoded phase in the consciousness of mankind, a part we shall have to give up from now on. Thus in the course of my life I have repeatedly been compelled to ponder on the relationship of these two regions of thought, for I have never been able to doubt the **reality** of that to which they point."*

It is important to say that when Heisenberg says '**its own field**', the field in this context is science. The **reality** is that, creation of the world did occur, and from our point of view we do exist, even if we are hallucinogens in a greater supersystem. He went on to say:

*"Where no guiding ideals are left to point the way, the **scale of values** disappears and with it the meaning of our deeds and sufferings, and at the end can lie only negation and despair. Religion is therefore the foundation of ethics, and ethics the presupposition of life."*

Here, the **scale of values** for me, are the emotional aspects of life which indeed cannot be measured in any way, but nevertheless, are the true governing aspects of human life on Earth. You cannot assess levels of love, hate, fear, anguish or jealousy on scales or 0-10, but you can be brutally aware of them. And they can change instantly in a mind with an unexpected thought!

It is clear to me, that Albert Einstein to whom I wrote in 1946 when I was 13, believed that intuition comes from 'a collection of truths' (in a super-mind, my words) but one that needs another human mind to access it. I thought it was strange for Einstein to have said that:

“The only real valuable thing is intuition”

Yet he might have considered that there is a universal mind and one that is able to guide all life, not just human life, but all life, plants as well. I think that a universal mind could have been developing since the creation of life on earth. It appears to me that many invertebrate animals move and take actions together as though they are commanded, so the ants that I have also discussed in my essay (*An Appreciation of Science, 2018*) drove frantically to gather their eggs and dive into cracks immediately when sunlight bathed their nest. It was as though an 'outside of ant' mind, caring for the ants survival existed, and was aware and triggered their bodies to undergo instant survival operations, because there was no King ant to stand up and tell the other ants what to do. Normally these ants run happily on the ground in the light of day. I quote from my essay:

Quite recently I took off a black plastic sheet that covered some 20 square meters of flat brick pavement surrounding my swimming pool. The bricks are a light sandy colour and have 20 x 22 cm faces. Lifting the cover in one sweep I saw the entire area below the sheet was covered with black ants and their white eggs. They were so dense on the ground that treading on any part would have killed hundreds of ants. I had a wristwatch with a second-hand timer. I estimated some 500,000 ants were there in total by taking pictures of ant covered tiles. The whole area was cleared in 144 seconds (2.4 minutes). There were 871 tiles, and 574 ants per tile (estimated later) so 1.3 ants per cm² and 4 cracks adjacent to each tile. This indicated some 143 ants needed to dive into each crack in 144 seconds at a rate of 1.00 ant/per crack/per second. As soon as the sunlight hit the ants, a huge frenzy of activity hit them and every ant clutched a white egg and disappeared down the cracks. They all began to move instantly and their speed and activity surprised me. It was as though there was an invisible 'out of ant' mind in touch with them, which sensed their danger and instructed them accordingly.

Instinct and Intuition

Things that happen in a living being that occur when ecological factors in or around the being, combine to instigate a stream of biochemical and physiological activities to develop in that being, which are the basis for changes that may be considered 'instinctive'. This is to say the key to this change in the life of the being, is already in place in the genetic basis of that being. So, if a certain situation occurs, then a sliding stream of biochemistry develops, caused by the situation, and no thought is apparently involved. This is a simple pre-charted material exercise.

Intuition, by contrast to instinct, is generally thought of as getting 'direct access to unconscious knowledge' (Wikipedia) which implies that a person's mind does not have this knowledge, but suddenly gets it. So where does it come from? To understand knowledge implies an 'awareness of information in free energy format' or 'thought format' in a persons mind. It is often suggested that intuition comes from unrecognised pattern recognition, so where does this come from? Not from cells in a brain. Wherever this comes from, it still implies the use of a mind, or an ethereal thought format. Not a chemical format. I suggest it comes directly to peoples' minds, from another mind, but that other mind may not be a human mind. It could be a very ancient mind which began to develop when the living of beings began. It was the beginning of the '*Living*', to borrow a translated idea from the Australian Aboriginals. It is an open awareness mind in the energy that engulfs the spacetime part of the universe.

The movement of a herd of animals to a new area is distinctive, but uses more than simple chemical instinct patterns. The territory that an emigrational animal goes to is not precisely the

same in every migration of that animal, and of course millions of animals of different kinds make their first pristine migration over geography they have never crossed before, where the route is therefore uncharted for them. All these animals appear (we assume) to become aware of a complex of information from the random changing environments as they pass over and move forward as they migrate, and this indicates their minds are involved. However, this does not necessarily indicate that each animal has a separate individual mind to organise the physical journey.

As in my ant story, just previously discussed, there are many instances where vast numbers of invertebrate animals appear to do similar things like what vertebrate animals do, and for similar outcomes. I could say for 'similar reasons' rather than 'similar outcomes' but this would only be appropriate if we believe the outcomes are 'known' to be beneficial to the species concerned, i.e. they have minds. Since invertebrates have no brain *per se* most biologists believe that invertebrates do not have unitary consciousness, because they think reason requires a brain, and believe that what the invertebrates do is chemically instinctive. But what if the invertebrates are controlled by 'an out of animal' mind? Perhaps all minds, including human minds, exist independently from all living creatures? Suppose the antennae transducing chemistry to pure energy and *vice versa*, are not always associated with nervous tissue.

Suppose all living creatures can have intuitive access to an 'outside of animal mind' at different levels of acuity, and the lesser, older, existing species have less acuity than the more recent evolved species. Then, the spread of the sensory networks in all living things led to the development of more powerful local nervous systems ending in centralised local nervous (CNS) systems, where an animal's local senses became dominant over the 'out of animal' senses, as is the case in humans. The move to more powerful local sensory networks in higher vertebrates is clear. The ability to transduce local chemical inputs together with direct energetic inputs to their minds was a vast step. This is no doubt the reason that most humans believe their minds are in their brains, but they are not. But great minds need great brains to connect. Our brains have developed a great antennal cross connection to our minds, but these are not necessarily the best, rather, just the best for our situations. This has come with dropping most intuitive knowledge. Other animals may have dropped less, and have different facilities to deal with other environments. It is crucial I think, that science must not consider minds in material terms any more, and seeing what they really are. Invertebrates could also access an equivalent mind, as our species does, in fact it may be the same one mind, in the same unbroken energy, accessible by any living being.

As total trivia, "*one mind to bind them all*", rather like the "*one ring to bind them all*" in *The Lord of the Rings* by J.R.R.Tolkien, William Clowes & Sons, London, 1954.

Different types of living beings will have different facilities and abilities to marry knowledge inputs from both local material and direct mind energy senses. The ability to communicate between different minds, may be possible if all unitary minds access one Central Mind working as a Mind Exchange (cf telephone exchange).

(This is how my Cypselia Personal Health Record (CPHR), Cypselia Personal Profile Data (CPPD) and Cypselia Information Research Centre (CIRC)⁸ system works by giving multiple access to a specific patient's file to their approved family physicians and specialists -17, in different countries, in different languages, at the same time.) See HEALTH in this WIKI.

Several animal species can clearly transmit information to each other over vast differences in air or sea and this is not simple acoustic calling, and I think multiple minds must be involved. Bruno and Miranda found this (pp.17-18), and tropical fruit bats (flying foxes) fly far and wide at dusk, but when one finds fruiting trees, the whole herd finds them quickly.

In the case of the ants (p 23) and the spider previously mentioned (p.15), where no brain is available, their immediate awareness of territory and situation seems crucial. The idea that the survival information can be given to multiple invertebrate animals at the same time, causing similar instant material activities in them, from an external mind, seems possible based on the idea that they are accessed by one single mind. This idea can explain many other situations that science can't still explain. The way in which humans, and other animals, become aware of prescient changes in the environmental atmosphere through intuitive direct energy inputs to their minds is one.

The idea that 'Instinct' is something passed on generation to generation, and the fact of cloning purely in biochemical ways hidden in genes which can be automatically opened to work by ecological circumstances, is an idea which does not explain 'intuition.' The latter requires awareness and the consciousness of a mind to solve the combinations required by the 'right being, at the right time of need.'

Early Support for my ideas

Albert Einstein was my earliest 'invisible' mentor. Although I never met him in person, I had a written correspondence with him from 1946, and among many erstwhile things he said, there was:

"Reality is merely an illusion, albeit a very persistent one"

To say this, and other things mentioned later, he must have been thinking of a different understanding of our universe than that which science currently had. One in which fundamental energy could be the principal entity, the reality, rather than the matter based science we have used as the primary source of classical physics for several hundred years. The important thing here is that what we think of as reality in our minds is but a manifestation of energy, and one that can be seen differently by a different mind. What we see now is a temporary phase in an explicate view of an implicate series of events (à la David Bohm) made in the cloud of invisible active energy making this planet. Thus an explicate reaction (e.g. a meeting with two friends) is part of other reactions (implicate reactions) as the two friends separate and move on further reactions. This ongoing activity twinkles in and out of pure energy and matter all the time. This is what the oldest human ideas, those of the Australian aborigines, say, *i.e.* that creation was not one single thing where all the pieces were left alone on the table is wrong, and there is ongoing activity in the Spirit of the Creator which never stops. So they cannot predict anything. Wow, and they have known that for 75,000 years!

Community code again 2

The USA kicked David Bohm out the country because 'they' thought he was a communist, and he lost his job at Princeton University, using unverified ideas in a wonky code of life. Nevertheless, he got to Britain via Brazil, and in the 1970s he had recognised that brain cytochemistry could move local material sense inputs into thoughts and scenes in our minds, which were then non-localised and distributed *i.e.* not confined in any material anatomy of a brain, and were therefore separate from the brain. This process is what I called transduction, being the passage of information back and forth between body and mind. Bohm made the mistake of regarding the brain as the primary centre (as most neuro-psychologists still do) and did not see that minds (or One Super Mind?) being invisible were nevertheless fundamental entities of energy, and thus the core of human life. So we see only what the fundamental source of energy (*i.e.* the Great Spirit of the AA) weaves in our *ken*. We are ourselves visible temporary marvels inside a mysterious invisible atmosphere of energy which pulls our strings. While our bodies suffer from the wear and tear of spacetime, our minds maybe a porthole to transcend death, and a way to peek into a higher, non-matter, unquantized level of the universe.

So, going back now, to my statement that unverified ideas enter our codes of life and deceive publics. This happens in two different ways, by politics deliberately misusing scientific ideas; and when science itself is sometimes 'barking up the wrong tree' *i.e.* dismissing important observations as paranormal events and I give a hypothetical example of the first of these that I hope all readers will understand, or have evidence of this taking place in nature. False ideas from one person can spring up all over the world and spread quickly and cause significant misunderstanding.

If some specified type of event happens, and happens that way again and again, its outcome is still **not** predictable since no event is always exactly similar. The codes of life seldom consider the vagaries of human life, and are based on assumptions that can be easily extracted from historical human experience. Yet, if the community does not consider how often the outcomes of a regular situation are good, because it only checks the bad outcomes, and cannot, or will not, check the good outcomes, which incidentally may be the vast majority, that community is likely 'to shoot itself in the foot' by preventing all of these situations. Bad financial outcomes of situations are easily extracted from accountants, banks and taxmen, but these are ones that cannot tell you about all the good outcomes of similar situations, because they only log the bad ones. Civil rules and regulations are often determined locally, but interpretation of these can differ and change in intent to suit the authorities of the community imposing the local code rather than the public. This can lead to personal dissatisfaction.

For example, a person (A) sees another person (B) doing some thing, which A **assumes** that B is doing for a reason, and the reason is one which A does not like. A, then behaves towards B with hostility, but doesn't verify what B wants to do. Then A may escalate his/her unverified ideas to others which may lead to the development of a 'hate B' group within the local community. This can happen without B ever giving any evidence that he/she was trying to do something which might appear to have untoward consequences for the community. Yet the assumption that A makes is taken from the code of the current conduct of life in that community, which indicates that to do this 'thing' in 'this way' is always evidence of misconduct. A, may see B in false colours. Yet B's ideas or intents are never discovered. It is assumed that if B behaves in this way, or expresses a particular idea, it can only mean that he/she is tending to rock the boat of the local community.

There is also an automatic adjunct assumption saying that the local community code is true, honest and the best, and this complex code is understood as 'common sense' in the community concerned. The community may be a bank, a city council, a college, a club, a corporation, a university, or a government. Thus everybody in that community will know the only possible reason for B's actions is what A fears, and the local code 'righteously' motivates A. However, the assumption used by many authorities can be false and based on bogus data or ideas, and are extracted from civil and financial organizations where only bad outcomes are recorded but good ones are not. Specific cases are seldom verified and are seldom treated separately, and the assumed outcome is known to be 'common sense'. I have seen these types of situations occurring at the highest levels in universities, governments and in civil services, with unfortunate loss of life and well being, for individuals and their communities, and these I have discussed in my autobiography.

I do not like 'common sense' as it can often lead to wrong or bad conclusions. Neither did Albert Einstein when he said:

"Common sense is the collection of prejudices acquired by age eighteen."

and

"The only thing that interferes with my learning is my education."

Public prejudices can lead to widely accepted assumptions, accepted differently in different communities, *e.g.*, Jesus Christ was good, and Adolph Hitler was bad, and if you say, or even breathe something that could be thought of as contrary to this opinion, you may become an outcast, depending where and when you say this.

When I was quite young I met some people in Asia that I had been instructed to talk too, to indicate that *British is Best* in everything. My commanding officer in the British Army wanted me to do this. I was amazed to realise that the recipients of my talk did not know who Jesus Christ or Adolph Hitler were, nor even that WWII had actually happened. They were in Nepal and had been totally isolated from the world. The war had not impinged upon their daily lives. Their code of life was so different from that of the British, that using English terminology as examples, I could not explain to my audience that our code of life was the best for them, and of course, it wasn't! Their way of life had been established before United Kingdom of Great Britain had come into being, and it went with their situation and ecology. However, my commander was foolish in believing that our community was an aspect of the very best community in the world (the apex being the British Army) and he put me on a charge for saying he was foolish. He insisted that the code for my way of life said clearly, British officers were always right and non-commissioned officers (NCOs) are always wrong if they disagreed with an officer. I could not say he was foolish! It was against our code. He was an Officer and I was an NCO.

I tried to explain to him that he wanted me to try to change the way of life of the locals, and this was trying to force colonisation. I said it was much better for all, if people looked at how we behaved and decided to try it for themselves, if they liked it that was good. Forcing ideas on people will anger them. I said whether anybody is right or not in any argument, depends on facts alone, and not anybody's status, and our code of life was ruining western countries. I stopped, I thought I had gone too far, but he smiled tore up the charge, bought me a drink, and had me promise to not say he was foolish, and I should agree that British is Best but only for Us. I agreed to this, but knew it was rubbish and I had always thought nationalism was wicked and I liked what Einstein had said in this context, but decided not to tell my commander. Einstein said:

“Nationalism is an infantile disease. It is the measles of mankind.”

Nevertheless, I find it regrettable that nationality creeps into science, and how often do you read of an American, British, French, German, Russian other national scientist has done something great, as though their nationality was important to their work? The media are expressly involved in 'talking up' someone who is going to give a lecture or write a paper by telling us his/her background, saying that he/she worked at IBM or NASA, or held a post at Oxford or Harvard University, as though their ideas are great because of their illustrious backgrounds. This is sad, because only the facts they uncover, and how they string their ideas together, should be the only things that are relevant to their work.

Community Code 3, Misunderstanding of minds

Under the banner of 'barking up the wrong tree' there are deeper and more profound assumptions, where science misses observations that may explain what science cannot currently explain. There is an overriding assumption among almost all people wherever they live on this planet, that all humans are separate and different from each other as previously mentioned. The primary assumption of separateness comes together with a sub-assumption, that all humans are subject to the same anatomical architecture (à la Immanuel Kant) in which the same system is embedded and which unravels and operates the different local 'codes of ways of life' in the same way in all people. Very few of us challenge these assumptions.

Yet, despite how persuasive these assumptions appear to be, the idea of human separateness is not satisfactorily verified for me. Although it may be seen that people show separateness in their

bodies, we cannot see their minds. I also think that minds are not necessarily unitary entities, and they only appear as much, as they appear to require a unit body to open them. We think each mind is attached to a particular single person, but a single person's brain may be able to open different minds, although perhaps not at once. This facility explains why some people can show different personalities as they hook on to different minds and switch between them as is well known in psychology. As Henry Stapp ⁴ has suggested, a person could theoretically open the mind of a person whose body is dead, as in spiritual possession. Amazing though this idea may be, it is within the bounds of quantum theory, and there has been evidence of this through hypnosis, where *e.g.* some people can remember things that happened to other people before the hypnotized person was born. In their hypnotized minds, memories of what they now see, had happened long ago in a now 'dead' person's mind, and some cases been proved to be correct.

It is difficult, or impossible, to try to explain the facilities and attributes of energy in spacetime terms, where all the usual terms cannot be used to study or describe some things that have no shape or mass, so that geometry and mathematics fail. I suspect that the idea of 'quanta' of energy which can be counted is a misleading idea. I do not believe in quanta of thought for example, and I am led to believe Einstein, who said:

"God does not care about our mathematical difficulties. He integrates empirically."

and

"I want to know God's thoughts; the rest are details."

I think that people's bodies attach to minds which 'contain' (spacetime term) and conjure up thought and become, for each person, what is often thought of as their 'consciousness'. When, as a child, I had to make a decision, my grandparents were always asking me, 'what did my conscience tell me?' This implied searching for intuition which comes to people ethereally, and not from any material additives to their bodies. In 1951 the local vicar in my parish in the UK said intuition came from God, but a local doctor was more precise, saying it came from God's Mind, and he said I should research this when I grew up. However, I spent many hours thinking about whether God had a mind or not, long before I left high school.

This idea was rather beautiful. An over reaching Mind which would understand and control the universe was a good idea. The Mind of God could think things and they would happen, because that mind controlled all spirit (*i.e.* all energy) empirically being outside our quantum world. How God did this was clearly an inappropriate question, like asking Einstein's hypothetical child in the huge library, how to make a universe. But with this idea, *i.e.* there was a universal mind, a Great Mind; a burning flame was lit in my mind. I can create things in my mind, but I am not sure how I do this, and they do not persist in quantised matter. No doubt because the only stuff I can physically work with is matter, and I cannot consciously transduce my thoughts back into matter. Yet I became aware that the Creator of the Universe might have the one primordial mind (*or might be that primordial mind*) that could work directly with energy and thus make matter. But for us, we can at least approach that Great Mind with thoughts and questions, when searching for intuition. This Great Mind, if it exists, could certainly underlie a planet-wide ecosystem.

We humans are now divesting our use of this primordial entity, intuition, and are relying more and more on our secondary local material senses. This is why we have become highly ego-centric, and have steered our lives away from the herd of others. This is why humans are arrogant and force the continuation of the classical science *status quo*, taking away the idea of an overall energy controller. And again, Einstein knew this as he said:

"We can't solve problems by using the same kind of thinking we used when we created them."

In the scientific world, simple assumptions can cause great misunderstandings. If we find that X combines with Y, to make Z by an equation ($X + Y = Z$) our classical science regularly assumes that X, Y, and Z the only things in the equation. As an example, Albert Einstein's duality equation, $E=mc^2$ shows the duality of visible mass and invisible energy. Since c^2 is a constant, energy and mass are the only changeable entities and are linked to each other by this equation in which E is energy, m is mass of matter in grams, and c^2 is the speed of light squared. Since we see this equivalence every time we look for it, science regards it as a law and works on this premise. However, energy and matter are different things. We can measure mass in mathematical units because we can see the things we are measuring, but we can't measure energy because it is invisible. The only way to assess energy is indirectly, by seeing how it reacts on matter, and then measuring the disturbance it causes in different aspects of matter. Then we can concoct indirect units of energy. There are many ways to do this, but one is to find how much energy (force) is required to move 1 kg of mass, 1 metre, in 1 direction, opposite to the force, in a vacuum, and we can call this a unit of energy. In fact we call this a 'joule' of energy (*after James Joule, a physicist*). But this doesn't tell us anything about energy.

We cannot buy a bottle of energy, and we can't measure it directly. However, because we are aware of those manifestations of energy which disturb matter, our science assumes that there are no other invisible manifestations of energy involved because we can't see any. But this is just an assumption. Because science cannot see any other invisible manifestations of energy, we cannot truthfully say, that there are none, but only that we do not know of any. We cannot imply that we know all the manifestations of energy, and if there are any more, they are likely to be invisible. Maybe there is an invisible catalytic energy component involved in the equation $E=mc^2$ which binds free energy into matter, but this is not seen, and why would it be seen if it were invisible and only a catalyst. It will be the feature of energy that catalyses and sets up and dissolves matter but does not itself otherwise disturb matter. If it occurs, it is another type of energy.

There might be more manifestations of energy that we can't see in a spacetime vision of the universe. It is possible that other living beings, other than humans, may see the same energy in different ways from what we do. It may be that there are different energy types that while, invisible to us, paint a very different universe for other beings to see or understand. Certainly energy can manifest quarks of different types. There are quarks that make visible matter (protons, neutrons and mesons) and others that do not occur naturally on this planet but are seen in distant stars (how?), or they are made in high energy cyclotrons. Maybe there are other types of energy making other manifestations that we cannot see because we do not have the apparatus to see them? These ideas are hypothetical, but current science doesn't look for evidence of any of these ideas, and still does not look for what underlies common events that science cannot explain. However, there is so-called dark energy and dark matter (p.15) about which we know nothing for sure. They are still hypothetical, but if they exist, and have to have the *avant garde* properties they need to have, to explain the fact that galaxies exist with gravity in a conversely expanding universe.

I think that our 'minds' may be able to see or feel different aspects of energy more closely, or more intimately, than we currently can by using our local material senses. We must begin to clamber up the tendrils that dangle in our minds, for they may lead to the fundamentals of life. It has always been known that people intuitively know that they have minds and brains, and these are not the same thing, but it is easy to dismiss the invisible part, the mind.

When your local physical senses are closed, as when you close your eyes, you can lie in bed in the dark and see things, faces and scenes, but which disappear if you open your eyes because you switch on your local visual senses and these are dominant. Then you can see only darkness. In my case, if I close my eyes again, the pictures, in black, white or colour, can come back again. In my 'dreams' I can communicate with people (phantoms) in my mind. They might be unknown to me

in daylight life, or even known to me in daylight reality, but in my dreams they can appear and calm or upset me, and this emotional disturbance can continue when I wake. I do not make any sound in communicating with people in my dreams, if I do, I wake up. I can move in my dreams, but my body doesn't move, but I can be in other places than in my bed. I can be back at high school, or lecturing at university, or in a tropical forest listening for the morning call of gibbons. Who has not found emotional upset in his/her dreams and has found him/herself to be in other places in dreams?

In my dreams I can return to the same place, and be aware that I have not been there for a long time, and know that last time I had left an important object there for safe-keeping, and I ask for it to be returned to me. This can happen, and in my dream I know where this place is, in a street in a village I know well. However, in daylight reality, I do not have the object concerned, and when I go to that street, the building is not there. I ask local people what has happened to the building since there has been 40 years of renovations, but they say nothing has changed. I remember the name of the store, but nobody knows this. In daylight reality I am worried because it isn't there. My wife assures me it never was there. So, how many other things that I remember so clearly, are just phantom things? I know that this type of phenomenon has happened to other people. The power of this illusion is frightening.

Minds hold awareness. I think that I can be aware of things that do not come from my material senses, but from energy directly in my dreams, and in daylight thought, I can see things that transfer my mind to other geographic places in my mind. I see that minds could well transcend death of a material body. The mobility of minds permits an understanding and explanation of a number of well recorded events, which are currently denied by science. Minds house the incredible powerful facility which appreciates and understands the invisible emotions that humans and other vertebrates certainly bow too. In this context, Henry Stapp wrote about souls being:

“A personality independent of the brain and the rest of all the other human body parts”

and

“Strong doubts about personality survival based solely on the belief that post-mortem survival is incompatible with the laws of physics are unfounded.”

and

“That the personality of a dead person may attach itself to a living person, as in the case of so-called spirit possession”

The idea that only humans have minds, as some religious and scientific sects believe, excuses people who treat nature as their own, and allows them to deal with the ecosystems of this planet with contempt. Over the last 140 years big business and wicked politics has led to huge damage and climate change. However, this disaster is now being talked about with urgency world wide, and publics are beginning to understand how crucial it is for them, as publics, to take power from the few. The salvation of *Homo sapiens* is now in public hands. It is the global public alone that is hurt by wars, it is the public alone that is hurt by climate change, and it is only the public that can force things to stop, like the deforestation of this planet, and the incredible pollution of the atmosphere and seas. It is because the global public behaves as billions of individuals, rather than a huge integrated force, that it can be manipulated into individual greed by the evil few. Being more of a herd is a thing that has to happen to prevent the climate disasters to desist.

The possibility that minds are not tied exclusively to humans is likely to be accepted by the general public, with the understanding that other vertebrate minds could provide communication between different organisms *e.g.* mind to mind, human to human, dog to human, human to horse,

cat to cat. The connection of minds with other minds with energy entanglement may be instant. Clearly there is an on-going continuous interaction between energy and matter in the commune of planet Earth. The idea that all specimens of *Homo sapiens* are energetically and invisibly related through their minds is quite possible. I think there is evidence to consider this but this is not a current concern of science, hence the apparent separateness of humans concerns very few scientists. It is the closeness, the concern and compassion for each other, which I feel needs to grow back.

Humans at least, have the ability, in some small way, to connect with the greater part of the universe's primal energy and we can 'consider' and visualise possible events that might happen in the future, *i.e.* using our minds to imagine possible scenarios and their outcomes even when none has yet happened, and then make decisions about these. Seeing forwards to find what may happen is exciting, while finding out how this did happen is necessary in science, but can lead to the bad assumption that it will always happen in the same way with the same outcome. This is classical science and it does not lead to the ability to predict outcomes of any energy based reaction.

I think minds are subject to smooth seamless integration with other energy without showing any visibility. I think that this apparent simplicity shrouds incredible details of energetic manifestations for which we use the word 'mechanics' (of QM) to explain, but that word is inappropriate in a full energy (or spirit) world because we cannot see any of the mechanics, and magic might be a better word. If we were able to see more of the greater universe more clearly, I think we would not see ourselves as separate entities, but part of a bigger thing. My mind boggles at what might appear in this kind of spirit world, where the idea of shapes, sizes, colour and smell can not be appropriate and comes inherently to us from our classical scientific education which we still accept. At the moment the idea of a great energy 'cloud' can be regarded as one single thing, and that multiple minds are part of that one thing and can interconnect in that. I think that there has been mind to mind connection several times in my life, which I discuss more fully in my autobiography, and in several of my other essays.

The idea of looking at a whole system like a jig saw puzzle (*where each piece is a subsystem*) is a simple idea where connections are made in 2D topology, but expanding this into our minds with multiple dimensions, greater than 4D, which are all invisible and have to be intimately connected to concoct emotions is a difficult concept to grasp. Easy to say, as I just did, but difficult to envisage in my mind. This is where I see dynamic glimpses that I cannot hold. Emotions I think, will exist only in more dimensions than those of spacetime, which cannot be measured directly by us because they do not impact the material spacetime we live in, *i.e.* they do not ring any bells in the sub-part of the material world in which our bodies are infested, and inherently dominate our local senses. But the invisible fundamental energy cloud appears wraith like, in our minds which sometimes, and very temporarily, mirrors glimpses of the reality of a greater supersystem. This may begin to bring light to us on the idea of the emotional aspects of life, *e.g.* the depth of 'love' (a connection) between two minds. This may require multiple intricate connections in a string type theory, to occur in the auras of two people in the unbroken cloud of energy. David Bohm & Basil Hiley (1974) and several others, including some remarkable Asian philosopher's, have also considered similar ideas. Auras extend beyond the crude ends of things that seem to us as lines of definition of material things.

Multi-dimensional connections could be looked for in a greater engulfing energy cloud (*the supersystem*) that can contain lesser multiple cages (*i.e. systems and subsystems, where spacetime is one sub-system*) and all of which could overlap or underlay, to different extents in different areas of the supersystem's dimensional breadth (if it has dimensions as such). Saying this is to try to convey my ideas of superior aspects of awareness in spacetime terms. More intimate complex connections might therefore be made wherein different levels of life, not necessarily materially based, could exist to different extents, and connect or co-operate with each other.

Ethereal entities like thoughts, could operate dynamically together within different spiritual attributes of pure energy, where time is non-existent, and the universe is much more complex than we think. Dimension is probably an inappropriate 'material' term. The trouble in explaining these ideas which I fleetingly see in my mind, in literary terms, is that they are from ghost like mind areas which appear to move, merge and separate continuously. That this happens continuously is at least still in line with QM.

Religions, Regulations and Rules

Werner Heisenberg (p.22) had indicated that religion has a place in examining life, saying that:

"Religion is the foundation of ethics, and ethics is the presupposition of life."

And Albert Einstein said:

"Science without religion is lame. Religion without science is blind."

I think therefore a consideration of religions is appropriate, yet the ability to develop a written language, making different simple strokes in wet clay, each indicating a sound, is some 4,600 years old. Most religions began before writing was possible. Once a religion has been written however, it can be clearly specified and circulated, the first text can be edited. Knowing this is important to understand religions, and how and why different editions of a religion have been made.

Hand writing it is very new in the history of human life. The first written language began in the fertile crescent between the Euphrates and Tigris Rivers, now in Iraq. The oldest book so far found on Earth was written by a Sumerian woman who signed her name, Enheduanna, and the date, and her book, is remarkable for its intellect and poetry, and its intention. Enheduanna died 2,250 years before the birth of Jesus Christ, and 979 years before the birth of Moses, *i.e.* 4,270 years ago today. The important thing here is that only from those times, could a person's thoughts, ideas, wishes, be seen after that person's death. Hand-writing is roughly 4,350 years old. Verbal language is much older.

I am dismayed at seeing TV programs which tell us of complex and integrated life styles of human populations, indicating they are fact, and implying they are known from text, while they are not, and they are just assumptions. In one hour of TV broadcast, millions of people can be educated into thinking things that are true, but in fact they are only the imagination or assumption of one human mind.

All the major spiritual religions now practised on Earth, except Islam, began before hand writing was widely established. More importantly, the major ones, Hindu, Jainism, Zoroastrianism, Judaism and Christianity have not had original written texts until quite recently. The oldest complete Hebrew bible is dated AD 1008 and it is in Russia, in St Petersburg and called the *Leningrad codex*, but other fragmented Hebrew texts are older *circa* 800 AD. There are written texts from the Dead Sea Scrolls going back to 300 BC, but these not religious. The oldest Buddhist documents are dated from 300 BC to 100 AD and are in the *National Library of Britain*, in London. There are Islamic writings on goat skin dated back to AD 740 which was when Islam began, and when it began to take the place of Zoroastrianism, which had previously been the official religion of Persia. Christianity has been rewritten so very often, and often rewritten specially for the needs of different sects.

The general assumptions today, are that all primal spiritual religions accept the idea of a Great Creator, but as an entity who sees and judges what individual humans do, and this latter idea maybe a misunderstanding of the Creator because this was not originally so. In fact, the oldest religions originally indicated that the Great Creator gave humans free will and wanted them to make their own decisions based on thinking good things, saying good things and doing good

things, to make the world always a righteous place. The oldest indications come from Australian aboriginal (AA) peoples, whose ideas have lasted over 75,000 years, but similar ideas are found in Jainism and later in Zoroastrianism. It was much later some 3,700 years ago when priests appeared and diverted the free will of our ancestors, by deceiving them into learning from the priests exactly what God wants from them as individuals. The priests then gave rules that their subjects must abide by to achieve salvation. They said the rules came from God, but whether there is evidence of this or not, the rules were certainly edified by the priests who warned of dangers lurking in an after life unless a person lived a life co-ordinated by what the priests preached.

This of course is to take away the free will given by the creator, and this was what the priests wanted their 'flocks' (like sheep to follow their leaders without thinking) to accept, *i.e.* unarguable rules which did not consider the different situations of individual persons, but were found in the codes of ways of life. This gave dictatorial power to priests, which varied depending on the set of rules a particular religion has, but nevertheless giving priests the illegitimate power of a Creator to set up rules for salvation. The different sets of rules then caused religions to strive against each other to bring fear, anguish, and anger among the people, leading to damage, despair, war and evil to this world. Fighting for invisible spiritual religious ideas was for the priest's status and power and has caused more wars between people on this planet than anything else. This is by stark contrast with the calmness of letting people judge for them selves, using their own intuition, which I think is at the base of all genuine religious spirituality. It is of crucial importance that religions are understood as being prominent in codes of the way of life for communities today.

It is clear that each modern religion that has appeared in the last 5,000 years, believes that it is the 'best' or only true religion, although all their *pros* and *cons* have changed with time. It is also clear that some of these religions have gone to vile extravagances to arrogantly educate the so-called 'less-wise.' This was shown when the *Roman Catholic Church* allowed the execution of thousands of people in South and Middle America for not bowing to their religion, and it destroyed the Andean peoples in totality. In later days when spiritual religions were still dominant, it was becoming apparent that science was going to be unhelpful to the spiritual religions. In this context, Nicholas Copernicus and Galileo Galilei both suffered from the Roman church. Copernicus waited until his imminent death before he published his work, and Galileo avoided execution by recanting his agreement with Copernicus' ideas, but still had to live the rest of his life under house arrest.

From the earliest Hebrew days, endless murders and other ongoing acts of wickedness took place throughout Israel, *e.g.* King Saul offered to give his daughter Michal in marriage to the young David who had just killed Goliath the Philistine, but only if David would kill another 200 Philistine men. So David went out with party of soldiers and slew 200 Philistines and brought their foreskins back to show Saul. Then he married Michal. Wow! These terrible violent backgrounds are usually forgotten, and are excused because they were carried out against 'primitive' people who didn't count. Wise western modern humans generally think '*it won't happen any more*' but it does, all the time, but not in their back yards. Spiritual religions, tied to nationality are behind almost every war in the last 2000 years.

For general interest - some facts that most people are not aware of.

Homo sapiens (our own species) mixed and cross bred with *H. neanderthalensis* 50,000-40,000 years ago in Europe and Siberia (*e.g.* in Denisova), but *H. sapiens* had already reached Australia some 35,000 years before this, and before the Neanderthal humans became extinct *circa* 30,000 years ago. So this implies that the Neanderthals may have mixed their skills and ideas with the *Homo sapiens*, and some of their ideas may have crept into the aboriginals of Australia. Ideas are energetic (*i.e.* spiritual) and they come as thoughts, and were passed on, generation to generation,

way before the ability to hand-write first occurred. Further, because DNA can survive in fossilised bones it is likely that a full DNA typology of *H. neanderthalensis* is close. Making a face from a skull has been practiced a lot, and how this can happen is graphically illustrated in a movie (*Gorky Park* - MGM, dvd, 1983) and has now been done for a Neanderthal skull in the USA. We know now some pre-historic humans, at least 45,000 years ago, buried their dead, used tools, made ornaments, used dogs and eagles in their lives, had fire, cooked food, could swim, cross seas, lived in groups, travelled significant distances, made paintings, and had verbal languages and codes of ways of life. Fossils of *Homo sapiens*, over its huge range, show it had varieties, e.g. *Homo sapiens altai* (for the ones first found in a cave in Denisova which is in the Altai Mountains of Siberia). This whole species had an enormous spread from Africa via Europe to Asia, Polynesia and to Australasia before 75,000 years ago.

The first human species appeared in Africa some 2.3 million years ago, called *Homo habilis* (a handy man) and specimens were short 4-4'5" ft and not fully erect, but made stone tools and could make fire. This is the oldest human to be given the genus *Homo* and it existed on Earth for some 900,000 years. A fully erect species of a human was *H. erectus* (standing man) evolved from the former species and existed 1.9 million years on Earth, and was concurrent for the last 500,000 years of *H. habilis* existence. *H. erectus* became extinct some 143,000 years ago. *H. erectus* was much stronger and grew up to 5'9" ft. There was an evolution of three new species between 800,000 to 600,000 years ago. The first of these, *H. heidelbergensis* (man from Heidelberg) appeared before 650,000 years ago and the first fossil was found near Heidelberg in Germany. This species probably evolved from *H. erectus* in Africa but spread to Europe and established there. Both *H. neanderthalensis* (man from Neander Valley) and *H. sapiens* (a wise man) may have come from *H. heidelbergensis*, or directly from *H. erectus*, also around about 600,000 years ago. Little is known of *H. heidelbergensis*. A lot more is known of *H. neanderthalensis* and this species was concurrent with *H. sapiens* for some time and was mixing sexually with them at least 50-40,000 years ago (so may be the same species). *H. neanderthalensis* became extinct some 30,000 years ago. There was another *Homo* species that was some 2 million years old, which escaped from Africa and established in Asia. Specimens of this were very short 3-4 ft, and they used stone and fire, and existed in Southeast Asia until 17,000 years ago, when that species became extinct in Flores Island in Indonesia. It is named *Homo floresiensis*, and the loss of this species left the genus *Homo* monospecific. *H. floresiensis* probably existed for 2.4 million years and left Africa early on and established in Asia. It had the longest existence of any species of *Homo*.

There are so-called hominid (pre-human) species from Eastern Africa, dated back to 3.85 - 2.85 million years ago, assigned to a genus *Australopithecus*. They were very like chimpanzees and lived in trees and on the ground. *A. afarensis* was a very important find in the Afar area of Ethiopia, because it was a fairly full skeleton of a young female, now called Lucy. This name was adopted by the group which found her because they were singing the Beatles song, *Lucy in the sky with Diamonds* at celebrations in the evening at their camp on day they found her. Similar specimens of *Australopithecus* have are found in Kenya and Tanzania, and possibly in South Africa.

Science as a religion

Spiritual and non-spiritual religions are now embedded in our western 'minds' very early on, but all these religions now breathe in the atmosphere of another religion which is science. Science provides a basic background of life regardless of any spiritual religion, be it Islam, Christianity, Judaism, Communism or other. Science pervades all these, and the countries in which they are rife. Most people now accept science in their basic 'code of life' as it creates a scientific atmosphere that all other spiritual religions accept. To join the religion of science you must behave, think, and subscribe to rules and laws of science to get anywhere, but classical science

has taken God out of the scientific way of life by replacing the Creator's Spirit by Energy. So there are no scientific rules to fear about in the afterlife, yippee! But in fact there never was. This has ever been a man-made lie to frighten and coerce people to bring loyalty to priests or kings.

The current rules of science are gathered by men from past scientific work, and are put before the public by the 'big wigs' of science from their clubs and societies, *e.g. The Royal Society, The Linnaean Society of UK*, and *The National Academy* of the USA, and the Ivy Clad universities of this world. The editors of journals, *e.g. Nature, Science* and *The Lancet*, and many more journals restricted to smaller sub-fields of scientific endeavour, are also in situations to alter public understanding of science.

There are many steps to climb for a young person to rise in the firmament of science and to get her/his ideas published, but if that person knows the right people and the quirks of the world of science, he/she may even become a big wig. Most of the very biggest of wigs, are keenly concerned about their own public stature and do not often like ideas that are contradictory to theirs, and they sometimes damn new ideas without seriously considering their possibilities. While rising in stature, if you are just a new post graduate student, the little wigs who supervise your work can be very helpful to you, or the opposite. There are any number of wigs you have to deal with in your life in science. Any one of these can slant your work, and can even deride your ideas without honestly understanding them. I have seen this happen so often in my 35 years in universities. I am therefore saying that science can change its mind as its aristocratic power changes from above, and one should never forget that the current laws of science are made by humans, and both men and women can be deceitful and suffer all the pressures that their local atmosphere, in college, university or country, can use to coerce them to change or slant their ideas or projects.

From the beginning in my early life I had expected to find scientists to be humble, true and honest people, but I am so often shocked by some scientists who are arrogant and seem to have lost curiosity for the truth. The truth has come to be 'what they say themselves'. say. To climb upwards in life, tainted by greed, lust and power, to increase individual status is a human feature that requires you to see yourself as a separate being. People frequently say that how we live is determined by human nature, and they assume that the idea of human separateness has always been inherent in the lives of *Homo sapiens*, but I don't think this assumption is correct.

In localities where powerful cultural assumptions persist, people are regularly, but indirectly, controlled by governments who organize different aristocracies of politicians, doctors, lawyers, teachers, taxmen, accountants, businessmen, scientists, priests, and the general public. Their governments can become dictatorial, although one single presidential dictator does not have to exist. A so-called democratic parliament can exist where its historical past has organised the way that new members of parliament are considered and enrolled to continue the *status quo*. Yet regardless of the type of parliament, a country's public will have a general awareness of the local social atmosphere, and people will try to climb stairs to get greater status. So I think we should consider the scientific assumptions underlying human lives in any country and see whether they are true, honest and wise or not.

Science and the new codes of 'ways of Life.'

It is clear that the wide spread and quick development of science in the last 400 years has had a significant effect on most 'codes of ways of life.' It took away the stabling presence of God, and emphasized the singular separateness of humans, which in turn gave the idea of human supremacy and arrogance, *carte blanche* to run riot.

It is a fact that extinct species of humans lived in concert with each other for millions of years, and for example, *Homo erectus* lived for at least 1.9 million years on this planet, where several

other types of humans, including *H. sapiens* and *H. neanderthalensis* lived concurrently with it. It seems that the aggressiveness and unthoughtfulness seen in people today, promote the idea that our historical ancestors were similarly aggressive and this assumption is carried forward in many writings of archaeologists, but I do not think this is necessarily so. We tend to use current ideas, using current words, to fit the world of our ancestors. Most people I know, imagine that primal humans were more insensitive to others than we are today, and that we have only recently learned compassion, but I fear that idea is wrong and quite the opposite is true.

Reading Enheduanna's writing we see poetry, intellect and compassion. Her writings are very important because her **book is the oldest book on Earth, and is in Arabic script, written and signed by her before her death in the year 2250 BC.** This is more than 4,370 years ago. However, hers was a time in which 'kings' of men were building armies and fighting and conquering other peoples along the borders of her father's (Sargon of Akkad) expanding empire, and her intent is made clear in her writing, and it was to bring all conquered people who used different verbal languages, to be able to talk to each other in the new forming empire. Her book is the earliest ever written description of human life on this planet and tells about the Middle Eastern situation long before Moses was born, who incidentally, is the most important prophet in Judaism, Christianity, and Islamic religions. Rabbinical Judaism gives Moses death as 1271 BC, which is 979 years after Enheduanna's death in 2250 BC. She tells us about things that were going on way back in the infancy of the Hebrew religion, almost 1000 years before Moses came with instructions from God. Other historians date Moses's death differently being older to 1571 BC (James Ussher) and in 1592 BC (Jerome) which were still 679 and 658 years consecutively, after Enheduanna's death. Regardless of when Moses death took place, her book with poetry and hymns, was many hundreds of years before Moses. We have quite a lot of information about Enheduanna, who worshipped the Goddess of the Moon (Inanna) and the God of the Moon (Anna), and the God of the Sky. She wrote hymns, and poems, and we have a picture of her, drawn in calcite, and her importance in those days led to her life, and several myths of her. These are remembered and written 300 years after her death. She was heavily revered and lived in Ur, a Sumerian city, now in Iraq. She tells of the way in which she was deposed from her position and later recovered it. She tells about her life and her thoughts at that time, and begins some sentences with the words "*I, Enheduanna ...*" in the earliest written language on earth in a remarkably intellectual way, in the earliest hand written script known. That she could do this, and that her intent was shown, and that it was allowed, at least tells us that concern and compassion for others were apparent in human life more than 4000 years ago.

Nevertheless, Enheduanna's life was quite recent in human history and most of the world then was not as sophisticated as that of the Middle East. Throughout Europe, Africa, America and Asia, reaching back to the evolution of *Homo sapiens* some 600,000 years ago, humans 100,000 to 40,000 years ago did not have the ability to make metal armaments and their tools were mainly wood and stone. The people appearing then, in fossilized skeletons, in different places in the world, seemed to have lived in small groups and supported each other, rather like those I met in Australia in the 1950s, whose way of life goes back to 75,000 BC. Living in caves, and adorning walls became widespread, but some built shelters where the vegetation allowed this (tropical regions) and archeological information suggests they had ceremonies and buried their dead and lived in societies, at least the 50,000 - 40,000 years BC remains indicate this, and herd instinct was then clearly dominant. They later began to build in stone, and early technology began to separate people into groups and individuals with special abilities. The ways to build homes in stone are seen in Britain (Scotland, Orkneys) and Africa and Asia, and much later to build pyramids and vast statues *e.g.* the Sphinx. Infant science had appeared in Enheduanna's time, and with a centre in the Middle East, but was fast tracked in the last 400 years, as it leaped into spiritual religions and soon lost its foundation in the idea of a God, and eventual its integrity.

Today, so called 'primitive' ancestral humans are still found in aboriginal groups, in Africa, America, Asia and Australasia, in isolated or delimited geographical areas and where generally, the local population has not suffered westernization. Because they do not have a modern religion, modern parliament, and classical science, they are expected to be stupid. This is a wide-spread, but misguided, assumption and I think Barbara Kingsolver's book (*The Poison Wood Bible* - Harper Collins, 1998) eminently brings this to light.

Western public life works on the knowledge that we know more than our ancestors, but I think the problem is more about 'what' things our ancestors knew, and 'what' other things we know now, and 'what' things we have lost. Our ancestors knew a lot about their ecology than we do now, as we continuously change the ecology of our planet for the very worst. In the last 375 years ago the priests of spiritual religions did not like science, but knew it would spread as the basis of business, and this was when attempts to try to take God out of science began, and was easily achieved because it drew on human ability to let others make decisions, for them, and the priests of religions became the priests of science and politics. Losing God to the arrogance of man seems to me the most foolish of human stupidities.

Since the fundamental entity creating the universe was, until that time the invisible Spirit of God, the invisible entity was easily dismissed as it was suggested that there was no God, but that man can do it himself. Science can explain everything and thence we do not require God anymore. God's *Spirit* (full of magic), was changed to *Energy* (not full of magic). Thus two problems were wiped off the blackboard to free men from fear from above. You don't have to fear energy, because you think our science understands it, and thus the reality of everything.

Science has now become a super-religion that breathes over all other religions and thus controls the ways that all countries govern their people. All countries on this planet use science regardless of any spiritual religion. Governments do not need to bow down and adore God, and do not admit there might be an intelligence greater than that of humans. In the UK the monarch is now the fount of God, but whatever he or she says, it is in effect directed by the parliament of the UK. In the USA people like to think that God Blesses America, regardless of what 'America' does to its own people, or those of the rest of the world, and America accepts whatever their President permits, or orders. The communist countries began without God. So, all these countries have replaced the idea of a real God with human intellect, even if they hide behind the idea of a real God which some theoretically acknowledge, yet indifferently leave the stage open for infighting and human greed. Also, they do not look for a foundation for science, and it trundles on without one. This arrives at the *status quo* that the priests of science and politics work to maintain.

Education and the attitude of different people

When talking to people who have been educated by a westernized community, it is difficult for them to think that all material things around, including themselves, are in some way made by invisible spirit, which can be called energy. They find it difficult believe that a gram of matter can be turned into energy, and disappear, even those who were alive when science has shown this is a fact with the nuclear bombs dropped by the USA on Hiroshima and Nagasaki to end WWII. They think of energy as a roaring force, but this in itself is wrong. What was seen when the bombs were detonated is what a person there would see and feel, the wind blowing down buildings, and the light striking their eyes, but these are caused by excitement of material made by the spirit which has been released from matter. The radiation of electro-magnetic particles, spreading at the speed of light, have energy to transfer to you, to burn you. But the people who you tell this to, do not want to believe that a vast amount of energy is hidden in every gram of matter, whatever it is. They look around, everything is stable, nothing is going to blow up, they can see matter, but they cannot see the spirit that is in it, nor the invisible network with other engulfing spirit causing space and time. They cannot see the myriad reactions happening in everything all the time; in the

path they are standing on, in the air they breathe, in their bodies, all reacting within the one unbroken spirit of the universe. This is happening, but they do not know if they can believe it. The idea is foreign to them.

When I talked to high school students in Africa, brought together from many different countries, in the United World College of *Waterford Kamhlaba*, in Mbabane in Swaziland, and in lectures I gave in the *University of Natal in Pietermaritzburg* in South Africa in 1980-1986, and in other colleges in Senegal, Cameroon, Tanzania and Uganda, the students attitudes were very different. All the students were born and educated in Africa. They didn't have any problems to understand spirit and the fact that the matter could dissolve into spirit, and they could understand all the information given in my prelude to this paper. They had no difficulty in understanding that their brains and minds were different entities, and one entity was invisible. They could easily believe in ghosts because your spirit is invisible and it could be around after you had died. Teaching them what western science found difficult, they found it exciting, and it opened so many doors to them. Entanglement was easy for them. One wrote to me later and sent this paper:

Arndt M. *et al*, *Wave-particle duality of C₆₀*, Nature 401 (6754) pp 680, 1999.

This showed that wave-duality can happen now with molecules of matter (*e.g.* C₆₀ 'bucky balls') which can be made to dissolve and disappear.

Larger things do not seem show this wave duality, and this it doesn't appear to happen in general matter, when using your local senses, but try it in your mind! You might make a person disappear from your view. Your mind is made of energy and can imagine things that cannot happen in the world of matter, but you can see them in your mind. If a person can imagine a phantom ghost, and also allow their mind to see a picture from a normal transduction from local senses at the same time, the ghost can appear to move through walls. It is a case of your mind seeing two things at once, and lighting up two different scenes of the same area in one mind, at the same time. Then that person could see two scenes overlaid twice at the same time, or they twinkle in and out of sight alternately so quickly you see both together. Your mind provides the screen. Or you can use two cine-projectors and one single screen, and you can do this.

Alternatively one person could access two minds at once (but this is doubtful). Certainly there are people who have access to multiple minds, and most of these are treated with drugs or electric shocks by psychiatrists, but these treatments fail to get to understanding that a persons brain may be able to contact more than one mind. Mind problems are never going to be cured by brain problems, but physiological and anatomical brain damage can inhibit connections (transductions) to your mind.

The worst thing that science can do is to hide its limitations to explain things that happen all the time, and sweep them under the carpet of knowledge, and just go on with things it can explain, and more importantly, to deny other events saying they do not happen. This is what happened to me when I talked about Miranda and Bruno. Science denied the event. They said under the laws of science this cannot happen. But it did! Neither, science nor the public, believed me. This type of event happens to others, and so much so, science says these events are now 'paranormal'. What this means, is that an event which cannot be explained by mathematics and the laws of science is not scientific, so it is not science's problem! This of course is an admission that science as practiced now, cannot find solutions to everything in the world, and therefore cannot get to reality.

However, I think that looking in your mind we can see farther than man made laws of science because they do not deal with free energy (spirit) and are uncountable. The magic of your mind is

that it can receive information from different sources and integrate them instantly because spacetime is left behind when transduction takes place out of spacetime. As Albert Einstein said:

"The distinction between the past, present and future is only a stubbornly persistent illusion."

I, as a child, threw out the wooden blocks and marbles given me to play with, and preferred 'plastocine' to make things, because you could shape much more with it, and it showed me the power of using a continuous substrate. I was sure that if I knew this as a child, the creator of the universe would know this too. I thought that God could produce spirit as a continuous stream or just one single ever expanding thing (expanding is spacetime thinking) and could cut it up into chunks when necessary. I discussed this with my science teacher at *East Grinstead Grammar School, UK*, and the headmaster of that school when explaining my thoughts about atoms and electrons in 1946 when I was 13. They, and many others, *e.g.* Stephen Hawking, seemed to think that if God existed, he must have created the universe with tools and ideas dreamt up by man. Yet I never understood why any human, scientist or not, did not understand that a **God**, being a **God**, had illimitable power and would never have to use human mechanics to create the world. A God could do it in its mind! Even I can do things, and show things in my mind that I cannot do with material things. So if you think about a **Creator of the Universe**, it is foolish and arrogant, to think that such a creator has to use human ways to do the job of a God! Humans cannot make universes. It was incidentally, the meeting at that high school in 1946, that prompted my letter to Einstein.

I think that the universe we see is not everything there is, but this is not to imply there is anything outside the universe. I think that the universe is illusionary, spacetime is illusionary, and if the curtains could be pulled back, we may become 'aware' of other parts or aspects of it created by a pure energy immersing situation, where we would shed our futile efforts with mathematical and scientific rules. We would see how we are integrated into a one unbroken Energy. In that situation there is no measurable thing, no object, and measurement is unnecessary. As Einstein said:

"God does not care about our mathematical difficulties. He integrates empirically."

Right now, at our low level of intellect, we have designed and accepted a code of life, but the progress of this is held up by road blocks and accidents by our own regulations which among other things, insist on the blindness of science to paranormal events to maintain the *status quo*. The way forward is through our minds which continuously see what science does not want us to see, and this disaster is forced upon us, often for personal petty reasons of a big wig. With our minds we can be compassionate to each other, and deal with terms and ideas that science shies away from. The fact that love can radiate within and between different species, from cats, dogs and humans, and shows powerful connections between species which can persist at distances in space and time, is not considered by science. Science cannot bring itself to try to consider the energetic emotional connections between humans and the whole environment that we are given to see. This is aided by the powerful miss-apprehension of the public to consider a creator who only thinks like a frail prejudiced human. During WWII I often heard people say there was no God.

"Well where was God when the bomb went off?" or the like.

God didn't plant the bomb, or drop it, a human did! It is groups of humans themselves that create endless wars, and the separation of humans. God doesn't do this. It is crazy humans who have no concern for others and wreak incredible hurt, despair and loss of life on millions of other humans. Those who suffer and pray to God to stop it all, do not see that all wars are caused by humans in direct opposition to a God who gives free will to all humans. It is we who fight, for others' gain. We should not do this.

Although we think we have free will to make our own decisions, most people let others lead them, and it is then that misguided majorities form and become sub-religions with rules. It is a terrible way that humans see themselves as separate, and try to struggle up the ladder of separateness. This means taking control of others and denying them of free will. To stop these things, and to regard others with hope and compassion, and show a general fondness to others, has to enter the 'code of life' for most people on earth. To reiterate, to survive, *Homo sapiens* as a single specific genus, has to change the *status quo* of community life, and this can only flow from public roots. It is necessary for individuals to ensure that science tells everybody, tells the public, tells the truth all the time, and says that science fails to find reality, and what it promised to do in the past, it knows it cannot! We cannot rely on science as the figure head of our lives and codes of life. This is the path along which psychology must lead. However, governments want to control scientific understanding, and also often deny the fact science it is not the entrance to the Garden of Eden.

If universally, publics could be better educated to understand that science cannot lead to the truth of reality, but that an illimitable intellect is actually inferred by science, a very different attitude can arise and swell in the minds of the people on this planet. Science can lead to technological successes, yes, but these can be endlessly mishandled by humans and governments. Science can never lead to true reality, which is Spirit (which is called Energy for deception purposes, because using the word energy takes away the glory and total misunderstanding of what energy is). People don't bow down to energy, they don't worship it. They behave as though they know it, it is their friend, they can control it, yet this an almost universal misinterpretation. The different codes of life are now generally corrupt and are based on unverified ideas and deceptions.

Mathematics

To delve into the mathematics of quantum mechanics is not appropriate here, but Einstein once remarked:

“As far as the laws of mathematics refer to reality, they are not certain, and as far as they are certain, they do not refer to reality”

The use of mathematics can be misleading, and they are important in our current codes of life. Numbers are nothing unless they are tied to material objects. So, for example the number 4 on its own, means nothing. You can't buy a 4, or see or touch a 4. It has to be a 4 of something to make sense! Let's say 4 apples. We believe, that half of 4 is 2, and doubling 4 is 8. But physically and scientifically, half of any 4 apples, is never a perfect 2 of these apples. No apple is identical to any other. So giving any two of any four apples to one person, and the other two apples to another person, does not perfectly scientifically share the 4 apples between two people, neither chemically nor topologically.

Think of a thousand people who go through the turnstiles at a railway station or an airport every day. Let's say a railway charges \$1 per person to go through the turnstile. It uses them to number people and collects \$1,000 from a thousand people. This is a good way to count money but a crude way of measuring people. Some who went through the turnstile were women, some were men, and some were single, others married, some were young and others old, some were children, some were black and some were white, some had blue eyes and some had black eyes, and some had different religions, but maybe they were all women soldiers. We wouldn't know from the turnstiles. Most governments or businesses and all countries can count them as 1000 people, and they do this as though they are all identical. They use the number of people in their business, simply as a number, even if the details of everybody is important to their business success. Even if the government wants to know how many men there were, it couldn't get the answer. I have

taught at least 12,000 students at university, and one government education authority noted that I had taught 6,000 women, but this is very unlikely to be true, and a futile assumption.

There are many 'inequalities' of nature which can be cloaked by mathematics, and this has ever been present in human history. Using mathematics in science is only valuable if it is carefully qualified, but it is generally used very crudely *i.e.* to accept money to buy an apple or to enter a cinema. How many people die of malaria each year? The number of these, held by the World Health Organisation (WHO) of the UN, does not tell you that the vast number of these are under 5 years of age, or their sex, or which country they lived in. How many people have Ebola today? The numbers are collected by WHO. But do they know how, from where, when, what ages, what genders, how many children, what vicinities, what food, what water, what houses, what schooling, what drugs, what education, what altitudes, what climates, *etc* were included in a number? No they do not. Mathematics is often used to cloak differences, and to suggest crude ideas that people easily swallow. Using maths without extreme precision can cloud science, but to try to measure the amount of energy in the universe, as some scientists have tried, is a laugh. Just not appropriate. It is like seeing what love, or the smell of a rose, looks like. Maths only works with quantised things.

Quantum Theory

While considering the foundation of quantum theory, John Stewart Bell, a mathematician working at CERN (*Conseil Européen pour la Recherche Nucléaire*) in Geneva, published a paper with an extraordinary powerful theory (Bell's Theorem 1964 ⁵). What John Bell found was a theorem which could be easily tested classically, and is now well written about. Briefly he found inequalities in simple tests, where classically, logically, you expect a certain mathematical outcome, but you in fact do not get this. You expect a quality, a level of some sort, but you get an inequality. These are Bell's *inequalities*. The fact that they occur, is a fact. Proof of these inequalities took a long time to prove, because to take out all the loop holes was difficult, but this was finally done in 2018. At all levels, nature shows inequalities. Despite what QM tells us, most scientists and the majority of politicians continue to use classical physics as the *de rigueur* of our lives. Most physicists still regard Bell's theorem with indifference, and go on with their own splinter of work, but a few think it was far reaching, and Henry Stapp thought it had enormous implications and was:

"the most profound discovery of science"

John Bell's work clearly shows the advancement of science into quantum theories will not lead to true reality, and western publics seem to care little about the truth of modern science. They are wowed by its technology, and science is now more 'science for money' than 'science for truth' of all things. Albert Einstein knew modern science would not lead to the discovery of fundamental reality much earlier than John Bell, as he lamented:

"There is no logical way to the discovery of these elemental laws. There is only the way of intuition, which is helped by a feeling for the order lying behind the appearance."

It is with our free minds that we can imagine and try to access the bigger picture in which our material bodies are caged. It is still publicly thought, or hoped, that science can lead us forward, but this is only in the technical areas and especially so while public and parliament cling to outmoded science. The tools and terms of the latter are misleading, because of the inequalities and the inability to predict. In the primal atmosphere of pure energy there is not likely to be space and time, and that is probably the invisible fundament our universe, and what we see is indeed illusionary, but we should try to make the beauty of illusion work with compassion. Looking at the big picture rather than the micro threads of particle physics was the understanding of Bohm

and Hiley ⁶ which they explained in 1975 by saying that quantum theory leads to a canon, reading from left to right:

SuperSystem to System to SubSystem

This suggests that looking at the supersystem may show how the sub-pieces fit together, to look for Einstein's order. I understood this when I was 28, and had an epiphany. I saw a broken mirror on the ground in a woodland in Sussex in England. It was spring, and a bright morning. I was under the young leafing canopy of hazel and oak trees. On the ground there were carpets of bluebells, and between them bright green bracken shoots, and on the ground were clumps of yellow primroses. I had trodden on the pieces of the shattered glass, and stopped jogging, and saw that the splinters individually showed parts of the vegetation in patches of shadow and splashes of brilliant sunshine, and the blue sky above. So I looked around and saw the whole beautiful woodland, and heard tiny birds twittering, and pigeons 'whoo whooing.' It was wonderful and I hadn't seen it, only the path under my feet while I was jogging. I stood and stared, and inhaled the view. I was stunned by the beauty of it. It all seemed to reverberate. Energy was moving and showing itself. The woodland was happening, changing, all the time. I saw this. The woodland was breathing, hearing, together, and was just a picture of sheer beauty made by the flowing of energy and it was shivering and I thought I saw this. Birds and bees were flying, squirrels were chattering at me, a great mass of energy was interacting, I was seeing *The Living* and I was *living* with all things around me, I was part of it! I felt my heart pumping, I could see around me, I talked to a blackbird who came and perched, and it looked at me and flew off and I remembered the Australian Aborigines (AA) and blessed them. They see this every day.

Each splinter in the crashed mirror, if it were put back together, would show a greater picture of the woodland, but it would have been frozen. I wanted to take a picture but I didn't have a camera, and a day-long video would show me more. Who could say what it would show me? What would happen to the squirrels and the blackbird? The inability to see what would happen throughout the day, told me that science could never be able to predict nature, and this was because everything I saw were parts of one thing, a magical painting made by energy that was never static. In this 'mind-painting', material objects seem to be merging in and out of spirit, and then they seemed to have murky edges, but this latter may have been to do the fact that there were tears in my eyes. And then a poem I learned from school came to mind :

What is this life if, full of care,
We have no time to stand and stare.
No time to stand beneath the boughs
And stare as long as sheep or cows.
No time to see, when woods we pass,
Where squirrels hide their nuts in grass.
No time to see, in broad daylight,
Streams full of stars, like skies at night.
No time to turn at Beauty's glance,
And watch her feet, how they can dance.
No time to wait, till her mouth can
enrich that smile her eyes began.
A poor life this, if full of care,
We have no time to stand and stare.

Leisure - William Henry Davies

If there is no space and time in primal energy, probing our minds may provide glimpses of a very mysterious atmosphere, but I felt it might be a warm one, and perhaps one of divine beauty. Then I thought that further evolution of my mind might well be happening as I stood looking, since I was part of the energy that made the woodland and this was changing all the time, materially but energetically too, so why not me, even my mind. It is attached energetically to my environment, always. We simply forget that the energy of everything is continually reacting. We tend to behave

like police inspectors at a crime scene and forget we are part of it. We don't suck the joy out of things, we look at things as though we are not part of them! We are often totally indifferent to what nature shows you are part of. But *Homo sapiens* is surely not at the end of evolution. Woe to those who think that what we know now, is the end and it is static. It was clear to me that energy is always changing the transfigurations of all things, material objects and ethereal things like thoughts of love, hate, and joy. I was convinced that everything in that wood, the spiders, centipedes, earth worms, trees, birds and me were an intimate part of a fully interacting energy situation, and this was just a tiny part of the planet itself. What I did physically, or thought mentally, would alter the energy of the planet, as it did with all other living things. The magnitude of this filled my mind with awe, and I thought of the billions of interactions that were going on in every string of implicate events. I was shocked at my never seeing this intricate complexity which was all around me, and I thought of the illimitable intellect that it indicated. I did not know what to do or think, and I was aghast, frightened, but thankful. I knew that whatever I thought, the spirit would know, and this was because my mind was a part of everything, and The Great Spirit is everything and where intuition lies.

However, before I conclude this long rigmarole, I think I should explain one more about QM.

Magic of Energy

To help understand quantum theory's inability to predict, I give a simple hypothetical example. If particle A gets close enough to particle B, both particles dissolve in a small cloud of energy, but this new cloud of energy is then back in the sea of engulfing energy where it is influenced by other close-by parts of energy, and the cloud itself then produce new particles, and lets say it does and they are X and Y, but not always! If you do the experiment a hundred times, and you can get A and B together under the same circumstances every time, you might find you get (X and Y) 91 times, but (X and Z) 5 times, and (Y and Z) 2 times, and (Q and P) once, and something else once. This gives you the chance to say that if we do it yet again, it is most probable that the outcomes will be X and Y (with a 91% chance of this), but there are other possibilities and we can never predict exactly what the outcome will be.

When A and B are the same each time, the background the sea of energy into which the new small AB cloud of energy merges into, is not necessarily the same, and this is something we can never see or control. However, we do know that energy, even in particle form, is strongly influenced by its micro-environment, and we do know that we can't ever see the mechanics that lead to the appearance of any particle - thus quantum mechanics can suggest only probabilities, and can never predict the outcome of any one particular energy + energy interaction. QM can be precise in seeing the incoming and outgoing particles, but cannot see the 'clockwork' that occurs in the collision cloud. Despite its name, quantum 'mechanics', it cannot see the 'mechanics' that goes on in the invisible collision cloud of energy and David Bohm called the process Quantum Non-mechanics, but I think Quantum Magic is nicer, and easier to say. It rolls off a person's tongue rather well.

The outcome of any decoherence may be dependent on other close-by energy or particles, because it is now understood that one particle cannot be fully independent of closely surrounding particles, or put another way, energy is always interacting with energy (or within itself if it is one single whole). So what a theoretical local 'amount' of energy shows now, may change all the time as it's larger engulfing area changes. This is the magic of energy. The universe, and certainly this planet, is made of magical stuff. The root of everything, the creation, of the universe is based on magic. Of course this was well known by the Magi of Zarathustra, who are mentioned in roman catholic books.

It is sad to see that many scientists even today, write about the predictions of QM when their words can be misunderstood. QM predicts probabilities. It cannot predict what will happen in a

hockey or soccer game, or even the final score until the game has been completed. Probabilities of QM in the microsphere can cause inequalities in the macrosphere, and importantly I do not think that you require great force to smash particles together in cyclotrons for this to happen in nature. I am sure that 'particle to energy and back to particle' is the basis of all chemistry and this is also the way how prions bend and fold without changing their polypeptide sequence, and how enzymes work. And this is how transduction occurs in our body to mind facility to cross the matter/spirit barrier, and how our minds control our bodies and lives. We don't see the billion interactions happen because they occur where there is no space and time involved.

Conclusion

We should admit publicly, globally, there is illimitable intelligence in the continuum of spirit in the world we see, and I think that we can consider that, the Great Spirit or God. It will only be when that truth becomes glaringly obvious to all, that a huge epiphany can occur, wherein all people begin to exercise their free will again. We can save our species only when our publics replace politics with an overturn of the out-dated deceitful scientific current code of human life, to one which allows everybody to see that our material separateness simply shadows the fundamental closeness of our minds.

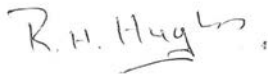
To go back to my Prelude, reality is in the *Universe of Spirit* which has no shape, form, time, beginning or end, and this is hidden from us of by being masked in material stuff. It is difficult to consider this the reality, while buried in the misinterpreted code of life we suffer, but I believe it is so. It is our old classical scientific atmosphere which bewitches us to want to be separate with little concern for almost all other living beings, which is the problem. The reality is that living is real, but it is hidden or shown by illusory ways. Material things, in their essence, are temporary things. Our souls or spirits are beyond this spacetime world and enlightenment of our situation can only come when we can unmask our spirits.

Most publics shelter under the assumption that their leaders put the public's well-being ahead of everything. Yet this is not the case, and most of us know this. The general public allows the *status quo* to continue because they believe they cannot do anything about it, and as individuals alone, they can't. However, if billions of individuals were joined in a huge herd, working as one, they could! Most people probably know this too, but don't think it possible to bring that many people together under one political yoke, and so they still let the *status quo* continue. But what if the 'code of human life' changes, because people learn about how the energy of this planet really works, and then they don't need politics to bring us all together, because the code of life shows that all of us are integral parts of the same one thing, *The Living*. They all understand we are bound in energy. Modern science brings this into the open, and explains that there is an illimitable spirit controlling force of the universe, but this is not spooky and frightening. We do have free will, and inherently we live for each other, because we are part of one single thing, *The Living*.

In this essay I have tried to show how the engulfing wonders of space, time and energy are beyond human understanding. However, I want everybody to learn about the facts that science now brings, and the huge implications they have. These are way more important and stunning than new technology. I want all people to be aware that understanding minds, which are made of fundamental energy, will bring us closer to reality of life and will open arenas of thought and understanding that will amaze us. As Einstein said:

"The important thing is not to stop questioning. Curiosity has its own reason for existing."

Robin Howard Hughes



The ideas of a number of physicists have slowly developed over many years in their lives, and much of their work indicated here, is collected together in Wikipedia, and is best discovered there. Most important are David Bohm, Basil Hiley, Henry Stapp, John Bell, Werner Heisenberg, Albert Einstein, and Max Planck.