

The Battle for Human Survival Technology

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Abstract

Scientists are correct to assume that asymmetrical first principle logic is scientifically carcinogenic to prevailing 'tribal' science. However, the opposite is actually true when 'tribal' science is transmuted into a science representing the human species. This information is crucial to governments in order for them to comply with the 1978 UNESCO Proclamation that humans belong to one single species. That conjecture represented the philosopher, Plato's invisible spiritual mathematics residing in flat plane geometry. For over 2000 years philosophers of science attempted in vain to understand the true significance of Plato's ethical mathematical science. The eccentric artist, Salvador Dali, became the first person to visualise the truth of Plato's ethical mathematical genius. During the 21st Century, Dali's discovery has been upgraded by Science-Artists as the physics basis for the workings of a living holographic universe.

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Since Neolithic times human intellect has evolved by tribes developing weapons for conflict with each other in accordance with the survival of the fittest paradigm observed in nature. In 1978 UNESCO proclaimed that humans are a single species (UNESCO, 1978). A species harming itself can be considered to be infected by a neurological disorder requiring a medical antidote. Dr Warren Lidz at Bentley College's Department of Philosophy and other philosophers have pointed out, "Greek philosophy can be adequately understood only if one recognizes that it arose in conjunction with ancient medical theory, with which most educated Greeks were familiar" (Lidz, J. W., 1995). Their observation defines ancient Greek philosophy as a medical science from which the antidote for the human species' compulsion to harm itself is obtainable.

The relevant human survival medical mathematical antidote theories belonged to an ancient Greek champion wrestler called Aristocles, nicknamed Plato for his athletic physique (Notopolous, J. A., 1939). He was the founder of the Athenian Academy and is considered to be one of history's greatest philosophers. The secret to his mathematical genius lay hidden from philosophers of science for well over two thousand years. During the 20th Century the eccentric artist Salvador Dali, critical of the mathematician and philosopher of science Descartes' status as the *'Father of modern medical philosophy'* discovered the invisible spiritual mathematical secret hidden in Plato's understanding of medical science.

Plato argued that plane geometry contained an invisible ethical spiritual message belonging to the workings of an infinite living universe. He argued that if civilization understood this message it could become part of the universe's healthy existence and thus avoid the extinction of life-forms recorded in the Earth's fossil record. Dali became convinced that this message was a 3D holographic one that could be found hidden within the surface of a flat painting. Although Leonardo da Vinci wrote that this is impossible (Hands, P. and Jenny C. A., 2017) Dali's pioneering genius proved him wrong. His 3D art exhibition now on show at the Dali Stereoscopic Museum in Spain requires two paintings placed side by side with high-tech equipment in order to depict this 3D phenomenon.

Today this evolution of human stereoscopic vision can be seen in single paintings when viewed through appropriate glasses. Cancer research scientists are now investigating the intuitive ability of some artists to paint complex interlocking 3D planes on a flat surface. This faculty of the mind also echos the ability of flat plane membranes on the surface of the cerebrum to create emotional thought forms transferable into mechanical energy within a physical reality. This flat plane mathematics is too complex to be defined in this paper. However, the reader can realize that it opens incredible doors to the future by knowing that NASA research scientists, reasoning outside the limits of 'tribal' physics have calculated that the universe is a flat plane evolving to infinity (NASA website, 2014) and other scientists have made the same calculations.

It is generally considered in Western science that Descartes' 'First Cause' for existence being '*I think; therefore I am*' upholds the fundamental structure of medical science. For example the Stanford Encyclopedia of Philosophy portrays Descartes as "a creative mathematician of the first order, an important scientist and an original metaphysician" (Hatfield, G., 2018). However, Dali had good reason to criticize Descartes' influence upon medical science.

In the January 2018 issue of National Geographic, section '*The Science of Good and Evil*', Descartes' '*First Cause*' principle is compared "to the way a psychopath must think about right or wrong while the rest of us *feel* it" (Bhattacharjee, Y., 2018). Antonio Damasio is Professor of Neuroscience, Psychology and Philosophy at the University of Southern California. His book '*Descartes-Error*' concerning Descartes' 'First Cause' principle in medicine has been acclaimed by the Nobel Laureate David Hubel as warranting classification as a classic neurological treatise on the workings of the human brain (Damasio, A. R., 1994). Damasio wrote about the emotions of sociopaths willing to inflict pain and suffering upon others.

Descartes's "*I think, therefore I am*" "...in one way or another remains influential in Western science and humanities" and is recognized as "...perhaps the most famous in the history of philosophy" (Damasio, A. R., 1994, p. 246). However, Damasio stated that "Taken literally the statement illustrates precisely the opposite of what I believe to be the truth about the origins between mind and body" (Damasio, A. R., 1994, p. 249). Therefore it can be considered that the sought for antidote for human survival does not reside within 'tribal' medical science.

We can be grateful that Albert Einstein and his fellow scientists were able to construct the atomic bomb before Hitler's psychopathic Nazi regime could use it to implement its planned thousand year enslavement of global civilization. Nonetheless, Einstein's worldview is now legally and morally in contempt of the UNESCO proclamation that humans are a single species because Einstein's 'tribal' science, by necessity was opposed to a science existing for the survival of the entire human species.

Although the nature of the medical '*Antidote*' has been derived from ancient Greek science, primitive 'tribal' science remains unable to reason about that discovery. However, global military commanders are now responsible to reason that the protection of the tribes under their command also applies to the human species. This conundrum can be quickly resolved. Both diseased tribal science and human survival science belong to the process of human evolution. Therefore, they can be entangled together mathematically within a computer program governed by relevant antidote information so as to generate human survival blueprint simulations. Plato's medical science understood the need for military commanders to police his medical science in the name of global security so that civilization could avoid the extinction found in the earth's fossil record.

Once global military commanders fully realize that survival blueprints represent access to sustainable power and wealth well beyond tribal comprehension then they can negotiate between themselves accordingly. No treasonable interference with their survival of the fittest 'tribal' responsibility to prepare for war is involved. However, they do need to understand that the development of the survival blueprints represents sustainable mathematical information upholding an overpowering 'First Cause' scientific principle that is essential for the survival of the human species. The mathematics of that crucial 'First Cause' medical principle belongs to Plato, not Descartes.

Dali's discovery has been developed into a 'Science-Art Creative Physics' research project by the World Fund for Arts in 2017. Its President, Roberto Denti, founder of the International Quantum Art Movement, sought to reconcile science and art in order to overcome the mechanistic system for a new Renaissance. In January 2018 artists from 20 different countries were involved in the '*Antidote and Human Survival*' art competition involving the Science-Art Research Centre of Australia's cancer research project in conjunction with the Medicinal Chemistry Department of Pavia University, Italy (Denti, R. 2018).

Plato's reference to infinite spiritual mathematics has been outlawed by both religious and secular persuasions. Although the ancient Greeks knew about infinite fractal logic (Grujic, P. V., 2001), 'tribal' science's access to infinity required permission by warlike vengeful Gods. During the 1980s research methodology using ancient Platonic ethical bio-mathematics was instigated by the Director of the Science-Art Research Centre in Australia, the author of this paper. This research methodology used the lost Platonic mathematics to discover the optical mathematical nature of the life-force governing seashell growth and development through 50 million years of space-time. It was reprinted in 1995 by the world's largest technological research institute, IEEE, as an important mathematical optical discovery from the 20th Century literature (Illert, C. 1987). This discovery was placed alongside such names as Louis Pasteur and Francis Crick. Plato's ethical spiritual mathematics has since been re-examined to upgrade the seashell life-force discovery to include the human species. As is explained herein, the need for a coherent understanding of Plato's ethical, spiritual mathematics, now visible in plane geometry, is basic to survival information requiring humane policing by the military forces of the world.

The control geometry for healthy seashell growth and development simulations was inscribed by life-forms into the seashell fossil record, documenting their mathematical evolutionary journey through space-time. The Platonic '*Artistic Mathematical Optics*' governing the evolution of seashell life-forms also relates to the process of human evolution. It was found that if the mathematics upholding the structure of quantum mechanics was used to generate futuristic seashell life-forms, then only geometrically distorted simulations could be obtained (Illert, C., 1992). Therefore the mathematics belonging to 'tribal' science was considered to be carcinogenic. Quantum mechanical mathematics is well known to obey the laws of symmetry. Many scientists consider that asymmetry is a form of cancer, which is correct when applied to the structure of 'tribal' science, but it is not carcinogenic to the evolution of seashell or human species.

The Nobel Laureate in Medicine Szent-Györgyi, co-founder of the American National Foundation for Cancer Research was fully conversant with Greek medical philosophy. In his 1972 '*Letter to Science*' he wrote that modern science's peer review system was innately carcinogenic because it had isolated itself from ancient Greek intuitive human survival artistic reasoning (Szent-Györgyi, A., 1972). That concept is reasonable when the peer review system is compared to the intuitive discovery that revealed '*Artistic Mathematical Optics*' governed seashell evolution over a 50 million year period. Szent-Györgyi in his '*Letter to Science*' held that "The problem is a most important one, especially now, as science grapples with one of nature's mysteries, cancer, which may demand entirely new approaches".

In his book *The Crazy Ape*, Szent-Györgyi argued that although man "the more he progresses technologically, seems the more to regress psychologically and socially, until he resembles his primate ancestors in a state of high schizophrenia" and "most of scientific research that is done to elevate human life serves in the end to destroy it" (Szent-Györgyi, A., 1970). It does appear obvious that modern 'tribal' science is carcinogenic as it is governed by what Einstein called the '*Premier law of all the sciences*' the '*Second Law of Thermodynamics*' that demands the eventual extinction of all life in the universe. This is in contradiction to the workings of Plato's non-carcinogenic '*Artistic Mathematical Optics*' used to discover the mathematical physics governing seashell evolution, now applicable to the evolution of the human species.

During the 17th Century Sir Isaac Newton agreed with Plato's concept of an infinite living universe, thereby precluding worldviews such as Einstein's which demands the destruction of life. In Newton's 28th Query Discussions he wrote that ancient Greek science provided authentic '*First Cause Principles*' demonstrating that "scientists who stated that the mass of objects in space caused

gravitational force were pretentious and illogical (Brown, K., 2017). This incredible statement from Newton, completely contrary to our understanding of modern science, was considered to be extremely blasphemous within the Christian Church's 'tribal' science educational system. Whether Newton was right or wrong is not the point. What matters is that quantum mechanics was based upon the false assumption that Newton considered that the mass of objects in space caused gravitational force. During Newton's Century the Christian Church burned Giordano Bruno alive for teaching pagan Greek scientific ideas, implanting its ruthless dictum into Western 'tribal' science's legal system. Bruno is now known to have been a likeable gregarious person and surely deserves an epitaph for his scientific heroism made in the face of fanatical religious sadistic cruelty involving imprisonment and torture. Although deeply religious, Newton, in disgust, "finally defied the church by refusing last rites when he died" (Christianson, G., 1984). This was his heartfelt protest that the science of his day was based upon crucial false assumptions.

In his paper 'The role of symmetry in physics' the Nobel Laureate in Physics, David Gross, states that "Einstein's great advance in 1905 was to put symmetry first, to regard the symmetry principle as the primary feature of nature that constrains the allowable dynamical laws." He argued that symmetry principles "serve as the guiding principle in the search of further unification and progress" (Gross, D. J., 1996)". Einstein's 'tribal' scientific world view now appears to belong to the development of science that Isaac Newton considered to be pretentious and illogical. During the 21st Century a discovery was made seeming to completely discredit Einstein's so-called great advance which placed symmetry first.

The structure of Einstein's mechanistic 'tribal' science has collapsed.

On the 21st of March, 2013, the Planck Space Observatory recorded in detail that the 'First Light' created in the universe was 'Asymmetrical' (NASA Jet Propulsion Laboratory, 2013). Consequently all following 'First Cause' principles governing the dynamics of reality can be explained by creative syntropic law but not the law of entropic extinction.

In Plato's *The Republic* he anticipated Einstein's mistake as belonging to people untutored in his *Theory of Forms*. Plato's artistic asymmetrical geometries were grounded in a living reality and Einstein's worldview was locked into a lifeless mechanistic geometrical reality. Plato believed that human 'Thought Forms' were created by the existence of magnetic properties, thought to exist because of the mineral lodestone. He held this substance had the power to act as a spiritual evolutionary magnetic compass (Morton, T., 2012). Be this as it may, Plato's concept of geometrical thought forms was unquestionably electromagnetic and that property was integral to his living ethical mathematics. His idea that the human mind participates in the structure of reality, is now considered by eminent scientists to be fundamental to the workings of a holographic universe.

Modern day electromagnetic field theory had its origins in 18th and 19th Century science. During that time scholars were well aware of the geometrical differences between asymmetrical biological force-fields and the functioning of symmetrical mechanistic electromagnetic fields. Today electromagnetic fields are about making money for the rich from mechanistic technology and the mass manufacture of information and communication devices responsible for the global pandemic of dysfunctional information.

The philosopher of science, Immanuel Kant is a central figure in modern philosophy. He used Plato's artistic ethical spiritual mathematics to separate unethical symmetrical (carcinogenic) aesthetics from asymmetrical ethics. Since Kant's time his ethical philosophy has been central to a "deeply divided" philosophical understanding of modern day ethics" (Editors of Encyclopaedia Britannica April, 2008). With the collapse of Einstein's symmetrical worldview Kant's ethics are now demonstrably correct

and the prevailing religious and secular ethics are shown to be mathematically incomplete. The ability to use Plato's ethical mathematics to measure the seashell life-force being compared to mechanistic mathematics being a form of cancer underlies the deeply divided philosophical understanding of modern day 'tribal' ethics.

Kant's understanding of Plato's ethical or cancer-free electromagnetic '*Thought Form geometry*' meant that a geometrical point or dot being created from the mind would instantly be affected by its electromagnetic environment. On the other hand people like Einstein, untutored in Plato's electromagnetic '*Theory of Forms*' held that a point was a dot having no size, so no width, no length and no depth, and as such cannot possibly be affected in any way by any naturally occurring aspect of the environment. Einstein's symmetrical universe now appears to belong to the mechanistic symmetrical illusion of reality that Plato had written about.

The 19th Century molecular biologist, Louis Pasteur, living during that period of history, was aware of Kant's concept of life being associated with the geometrical forces of an asymmetrical electromagnetic environment. He recognized that living dots of life under his microscope obeyed well understood electromagnetic environmental mathematical directives. Pasteur declared "...asymmetric molecules; I could not point out any more profound distinction between the products formed under the influence of life and all others" (Pasteur, L., 1974). In 1857 Pasteur declared that movement of the earth induced asymmetrical life "endowed with optical activity" in concert with a completely asymmetrical living universe (Dubos, J. 1950).

For well over two thousand years philosophers of science were unable to reason coherently about Plato's evolving electromagnetic ethical spiritual message hidden in plane geometry. Immanuel Kant and the philosopher of science Emmanuel Levinas agreed that it belonged to an asymmetrical electromagnetic field evolving within the creative artistic mind. The difference between this evolving artistic wisdom and unethical 'tribal' science's understanding of aesthetics, is now seen to be a carcinogenic problem and is also a complex emotional issue. Although Emmanuel Levinas agreed with Kant on his ethical artistic electromagnetic field concept he argued about a technological difference. In the book *Kantian Imperatives and Phenomenology's Original Forces*, this criticism is expressed as "Thus infinity is the proper dimension of ethics for Levinas, as it makes genuine [evolutionary] transcendence possible". "With the infinity of alterity comes the asymmetrical relation of self..." (Wheeler, C. R., 2008). Levinas's alterity was about "a transmutation of the idea of transcendence, rather than its eviction".

Recent scientific discoveries beyond Einstein's symmetrical reality have acclaimed Ralph Waldo Emerson's understanding of 19th Century electromagnetic 'Thought Form' "Mind over matter" reality as being an integral part of a 21st Century Renaissance (Emerson, R. W. 2010, p. 1.). His mentioning of Faraday's advances in physics being used to express the "profound identify of the Natural History of Intellect and the history of material atoms" has become crucial information. (Emerson, R. W. 2010, p. 13.). Emerson considered that it is "the property of [*Plato's artistic*] imagination to detect Faraday's force, which is the foundation of matter" (Emerson, R. W. 2010, p. 15.). Emerson had described the artistic imagination revealing a biological aspect of Faraday's electromagnetic research.

In 1781 Kant's *Critique of Pure Reason* was published and became known as Transcendental Idealism. Emerson became the leader of the American Transcendental Movement. His involvement with ancient Indian Vedic mathematical art-forms led to his belief that they transcended Western science with a living message about a technology associated with the structure of infinity (Agius, M. 2018). Science-Art research considers that Vedic mathematical art information matrices can be constructed with standing waves using a variety of conventional technologies demonstrating that modern commercial telecommunication frequencies and wave-forms, from Plato's worldview, are medically unethical .

It is difficult to discuss the nature of an antidote to 'tribal' science's contempt of the UNESCO proclamation that humans belong to a single species. We are living within the present accelerating pandemic of dysfunctional information now generating carcinogenic global chaos. We are bombarded with endless mathematically derived persuasions telling us how to think as excitable adherents to a

electromagnetic consumer society that is plagued by perpetual debt. For example, in Australia mathematics programmed into poker machines are accompanied with aesthetically pleasing sound and colour electromagnetic wave-front vibrations. This can induce heroin-like addictions leading to financial and moral bankruptcies. As a result vast sums of government revenue are collected annually from poverty stricken districts. Plutocracies posing as democratic governments wage similar stock market stratagems cloaked in meaningless aesthetic jargon to bring about trade-war bankruptcies during constant conflict with their plutocratic rivals.

From Szent-Györgyi's perspective the unethical neolithic social cancer was necessary for tribal humanity to evolve intellect, but for the human species this is no longer acceptable. He wrote in his book *'The Crazy Ape'* stating that modern science had inherited a "schizophrenic" carcinogenic disease from our simian ancestors (Szent-Györgyi, A., 1970). Attempts to upgrade the Science-Art Centre's seashell experiment to obtain human survival blueprint simulations was made impossible by 'tribal' science. That science is governed by the carcinogenic nature of what Einstein called the 'Premier law of all the Sciences', the Second Law of Thermodynamics, which he was convinced "will never be overthrown" (Klein, M. J., 1967). Einstein's worldview cannot allow the linking of the life process to any infinite fractal logic that ancient Greek science had reasoned about (Grujic, P. V., 2001).

The Molecular Biologist, C P Snow during his 1959 Science-Art Rede Lecture at Cambridge University lectured about Western science consisting of two separate cultures, science and the humanities. This separation was preventing solutions to global problems. He argued that our understanding of science was being governed by what he called a neolithic edifice, the Second Law of Thermodynamics. He later wrote "So the great edifice of modern physics goes up, and the majority of the cleverest people in the Western world have about as much insight into it as their neolithic ancestors" (Snow, C. P., 1959). It is now important for the general public to know that their daily lives are being mathematically controlled by nothing less than an obsolete religious devotion to an ancient Mesopotamian warlike death cult, which evidently serves the interests of a ruling plutocratic elite.

Paul Davies is a gifted tribal science spokesperson for the National Cancer Institute and his association of cancer with evolution is astute. However, his New York Times article (Davies, P. 2007) inferred that science is considered to be "the most reliable form of knowledge about the world because it is based upon testable hypothesis. Religion, by contrast, having belief without evidence is regarded as a virtue" This can be seen as an example of the carcinogenic confusion innate in 'tribal' science medical dogma. Western 'tribal' science does indeed embrace a fanatical religious belief system, championed by the psychopathic *'Descartes' Error'*. The Nobel Laureate, Bertrand Russell extolled the worship of extinction belonging to Einstein's understanding of the Second Law of Thermodynamics. He wrote that "The Second Law of Thermodynamics makes it scarcely possible to doubt that the universe is running down, and that ultimately nothing of the slightest interest will be possible anywhere" (Russell, B., 1902-14). Russell's beliefs led to his "A *Free Man's Worship*" (first published as *'The Free Man's Worship'* in Dec. 1903). It is considered to be Bertrand Russell's best known and most reprinted essay" (Russell, B., 1902-14). This religious aspect of prevailing science appears to belong to the puppeteers of society having the prisoners in the cave referred to in Plato's *Republic'* willing to put to death anyone attempting to set them free from their illusory existence (Rouse, 2008).

'Tribal' science's cult-like mathematical carcinogenic nature was associated with the ancient warlike Neolithic Sumerian culture's worship of their goddess of sex and war, Inanna. The Babylonian Kingdom's compulsion to wage continuous war to ensure its tribal evolution was written into a deceitful mathematical financial legal system. It appears modern day economics has inherited this model of control. Babylonian priests developed the preceding Sumerian astrological mathematics, which enabled them to predict eclipses. A baked clay tablet exists, written by a priest advising the King of Babylon when the 673 BC Lunar eclipse would take place. Their gods they claimed, demanded that this event be used to terrorize the populace. The worship of Ishtar, their goddess of prostitution and war, was used to whip up a desperate sexual lust for war in order to expand the boundaries of the Kingdom (Koch-Westenholz, U., 1995).

The preface of the book *From Eudoxus to Einstein: A History of Mathematical Astronomy* describes the theories of planetary motion that have been developed through the ages. “From the homocentric spheres of Eudoxus to Einstein's general theory of relativity” and “It emphasizes the interaction between progress in astronomy and in mathematics, demonstrating how the two have been inextricably linked since Babylonian times” (Linton, C. M., 2004). Einstein’s mathematical interaction with unethical Babylonian mathematics carried forward the extinction neurosis inherited from our neolithic ancestors, as was observed by Szent-Györgyi.

Both asymmetrical and symmetrical realities following the moment of creation must become entangled to allow for Szent-Györgyi’s evolution of material consciousness to occur. We know that asymmetrical electromagnetic light is the ‘First Cause’ governing the dynamics of living and physical reality. Einstein’s insistence that the Second Law of Thermodynamics is the ‘First Cause’ governing the living process by condemning civilization to symmetrical entropic extinction at the very moment of commencing its path toward an asymmetrical infinite destiny, is ludicrous.

It is crucial that modern day scientists understand the electromagnetic mathematical nature of the visual evidence relevant to obtaining the medical antidote to this problem. Plato’s axiom that ‘*All is Geometry*’ included his conviction that plane geometry contained invisible artistic ethical spiritual information of greater importance than mechanistic science. Today, artists are unconsciously producing paintings containing invisible 3D images that reveal the existence of holographic planes. These planes when viewed through patented ‘*Asymmetrical Electromagnetic Stereoscopic Glasses*’ reveal that prevailing ‘tribal’ science, while incredibly brilliant, is nonetheless medically inadequate.

Plato’s artistic mathematical optics discovery is surely the key to a new age of scientific thinking. Professor Timothy Morton holds a Chair at the prestigious Rice University in Texas and describes our wilful destructive existence on the planet is being caused by our Neolithic identity as “We Mesopotamians”. He is well conversant with Plato’s electromagnetic theories and Morton’s ‘*Art in the Asymmetric Artistic Age*’ (Morton, T., 2012) can be considered to be an apt portrayal of an emerging new age of asymmetrical Science-Art thinking. Dr Morton’s ethical and unethical electromagnetic wave-front emotional ‘Thought Form’ activity within mind has now been associated with the evolution of stereoscopic functioning echoing planar membrane brain activity. The human ability to create holographic artistic interlocking plane images is seen to correlate with emotional flat plane thought processes emanating from the surface of the brain. It can be deemed imperative that scientists should no longer ignore the discovery that the evolution of stereoscopic vision contains crucial information concerning human survival. This Science-Art information is without doubt one of the most important scientific discoveries ever made.

A mathematical explanation of the complexity of the evolution of human stereoscopic vision associated with flat planar optical membranes is beyond explanation in this paper. However, the unconscious artistic creative ability to reveal Plato’s flat plain ethical spiritual reality can be seen for what it is, an intuition associated with evolving stereoscopic vision. From an understanding of electromagnetic ‘Thought Form’ interaction with the electromagnetic environment it can be anticipated that some astute scientists will begin to recognize the existence of other bio-mathematical occurrences consistent with Pasteur’s 19th Century observation of a living dot enfolding in accordance to natural electromagnetic law. The artistic drive in our children need no longer be supervised by a primitive education system that is fundamentally indifferent to the healthy evolution of the living process.

Evolving stereoscopic vision appears to be functioning in concert with the flat plane membrane cerebral mechanisms creating emotional thought on the surface of the cerebrum during the painting process. Visual movement between the interlocking 3D planes within some paintings echo a resonance with bio-motor protein torque forces active during that procedure, indicating the basis of ‘*Holographic Universe Technology*’. The biologist, Dr Carlos Bustamante, in his paper ‘*Of torque forces and protein machines*’ states that “This area of research can be rightly called *mechanochemistry*” (Bustamante, C. 2004). The artist Robert Todonai, a Board Director of the Science-Art Research Centre of Australia constructed his ‘*Ozpainter*’ robotic artistic painting system in order to coordinate mechanistic functioning with the Centre’s discovery of the biological life-force

governing seashell evolution. His invention was placed in the 2018 top ten USA Robot Art Contest (Robotart.org, 2018).

While pioneering research is beginning to be carried out regarding a new '*Asymmetric human survival technology*', as Szent-Györgyi advised in 1977, "it is impossible to explain its living structure by starting from the entropic laws of the macrocosm" as "This is one of the paradoxes of modern biology: the properties of living systems are opposed to the law of entropy that governs the macrocosm" (Szent-Györgyi, A., 1977). He referred to the law opposing entropy as syntropic law.

It is now apparent that the 'First Cause' principles' emerging from asymmetrical electromagnetic light obey the law of syntropy and are responsible for the dynamics of living reality. They decide the fate of humanity and common sense science can construct why and how Emerson's transmutation from 'tribal' science to human survival science functions. We can use computer science to readily generate the transmutation antidote necessary to obtain rigorous survival blueprint simulations. Descartes' unethical influence over 'tribal' science' must be declared null and void in order for the antidote to become effective. An asymmetrical Cantor fractal controls symmetrical cellular functioning and it is now considered essential to further develop models in science and medicine to understand that the dynamics of stem cell interaction with each other exhibit (infinite) time-dependent fractal expressions (Bogdan P, Deasy B M, Gharaiabet B, Roehrs T and Marculescu, 2014) instead of obeying Descartes's carcinogenic symmetrical meaning of life.

The Italian mathematician, Luigi Fantappiè, wrote about the asymmetrical syntropy law governing the living process. An article by O'Connor and Robertson, quotes Fantappiè's own words regarding his idea of syntropy which is dual to the concept of entropy, stating that "The properties of this new law, opened consequences which were just incredible and which could deeply change the biological, medical, psychological, and social sciences" (O'Connor, J. J. and Robertson, E. F., 2010). The article considered the existence of two complementary forces, one visible obeying the law of entropy and the other "an invisible plane of reality" obeying the syntropic law of life. Fantappiè calculated "that the entropy energies move forward in time while the predominate asymmetrical energy moves retro-causally". We now know that the syntropic invisible plane of reality belongs to the evolution of human stereoscopic vision made visible through the artistic creative mind. This phenomenon, reflecting Plato's flat-plane, thought-form brain bio-motor activity appears to be relevant to Fantappiè, Kant and Levinas' futuristic ethical artistic asymmetrical electromagnetic technologies. Medical scientists schooled in the functioning of Plato's ethical asymmetrical electromagnetic mathematics researching a cure for cancer could surely utilise the fundamental 'First Cause' information needed to develop future human survival blueprint technologies.

The aforementioned pandemic of dysfunctional information has become a global crisis. Fantappiè predicted this situation. "Since entropy is the tendency towards death, whereas syntropy is the tendency towards life, living systems in order to sustain themselves need to minimize entropy and to maximize syntropy" and "When entropy is high crises are experienced. When entropy is low crises diminish and wellbeing is experienced" (Di Corpo, U & Vannini, A. 2014). The late astrophysicist Peter Kafka of the Max Planck Institute for Physics and Astrophysics published '*Six Essays on the Principle of Creation and the Global Acceleration Crisis*', in which he attacks science for letting itself be governed by entropic chaos laws devoid of any real understanding of the complexities of 'Time'. The final paragraph of his six essays reads "But as we approach the climax of the crisis, more and more people will not feel satisfied. The wriggling will increase as more and more of the ugliness of our age becomes visible and felt. We can be sure that beautiful attractors are near" (Kafka, P., 1976 - 1974). The reference to these attractors belong to the aforementioned time reversal fields associated with the workings of the asymmetrical syntropic information system.

Szent-Györgyi used asymmetrical syntropy information entangling with entropic chaos to explain the evolution of universal consciousness. He wrote that "The law of entropy does not govern living systems" (Szent-Györgyi, A., 1977). The asymmetrical 'First Cause' principle's participation within the universe, from the medical perspective of Platonic flat-plane electromagnetic 3D stereoscopic dynamics appears linked to Fantappiè's 'Syntropic law'. This acts out the 'First Cause' principle fulfilling Plato's vision of our future ethical (non-carcinogenic) role in the universe. In contrast to Descartes's psychopathic worldview, the stated intention to develop '*Symmetrical Time Crystal*

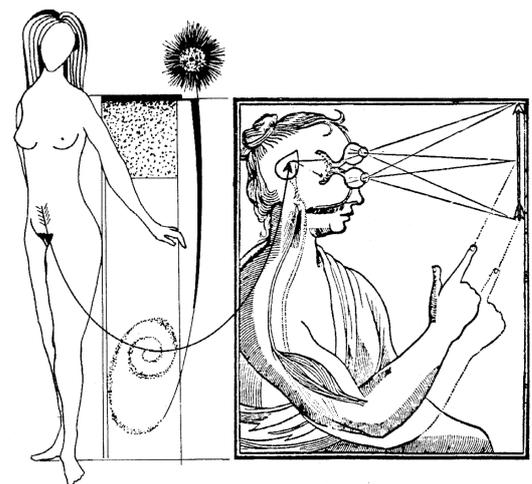
Technology’ for artificial intelligence is now a nightmare prediction of global chaotic destruction. That idea is being developed under the erroneous assumption “That the laws of physics are spatially symmetrical” and “not only symmetrical in space but in time” (Emerging Technology from the Air Xiv, 2016).

In quantum biology cancer research healthy information is known to flow in the opposite direction to the energies of chaos. In his paper *‘Cybernetics And Society’* Norbert Wiener, the Father of Cybernetics, insisted that living information entangled itself with the energies of chaos in defiance of Einstein’s understanding of the Second Law of Thermodynamics. Wiener’s *‘Progress in Physics’* opposes the law of chaos and holds that an extremely small amount of living asymmetrical information energy, perhaps just information as a ‘First Cause’ principle, controls the dynamics of a living universe rather than the symmetrical laws of entropic extinction (Weiner, N., 1954).

In 2017 two American Universities created time crystals with scientists noting that the experiments have the potential to suspend the laws of physics indefinitely, in particular its prevailing governing Second Law of Thermodynamics. The potential suspension of the symmetrical ‘First Cause’ principle of ‘tribal’ science’s governing law is a most confusing issue. When coupled with the scientific observation "*Whereas normal crystals can be asymmetrical in space, time crystals are asymmetrical in time*" (Perry, P., 2016), Szent-Györgyi’s diagnosis of ‘tribal’ science being schizophrenic now enters into a more deadly medical state of disease. Military leaders need to be able to think like psychopaths in order to counter psychopathic enemy intent. The weaponry associated with time crystal functioning is being used for the development of a completely new form of weaponry involving the ability to nullify anti-missile technology. We can consider that ‘tribal’ science is being accelerated into a psychopathic, schizophrenic state of existence requiring some form of an upgraded medical science to instigate its antidote.

From the perspective of the Plank Observatory’s discovery of ‘First Cause’ reality, Descartes’ prevailing dominance over Western medical science and culture belongs to Einstein’s sterile concept of reality. Damasio considered that it is possible that Descartes was serving a clever purpose of accommodating religious pressures that he was aware of. In that case he was a willing servant for the Church’s fanatical compulsion for military conquest. Be that as it may, Damasio reproached Descartes for “having persuaded biologists to adopt, to this day, clockwork mechanics as a model for life processes” (Damasio, A. R., 1994).

Szent-Györgyi’s argument that creative artistic intuition can be more scientifically relevant than the existing peer review system is not difficult to demonstrate. The Nobel Laureate David Hubal has advocated that Damasio’s *‘Descartes’ Error*, published in 1994 be given the status of a classical peer reviewed medical treatise. In 1989 the Science-Art Research Centre of Australia specifically corrected Descartes’ optics associated with his *‘I think, therefore I am’*, to read *‘I feel and think, therefore I am’*. That message was presented within the book *‘Two Bobs Worth’* (Pope, R. and Tondonai, R., 1988) to the City of Los Angeles in 1989 by the Hollywood Thalian Mental Health Organization. This book was launched to the City of Los Angeles in order to present the Australian Science-Art Research Centre’s ‘Creative Physics’ theories to the American public. It contained art work on page 111 depicting Pope’s measurement of electromagnetic life-forms he observed under the microscope during his 1986 Artist-in residence at the University of Sydney. It depicted sexual feeling being added to Descartes’s sterile ‘I think, therefore I am’ coinciding with Pasteur’s more balanced optical theories of living reality.



During his Science-Art residency at the University of Sydney in 1986, Robert Pope working with a team of cancer researchers was involved with the creation of polymer slides under microscopic observation. He realised that he was observing living asymmetrical information consistent with Louis Pasteur’s conviction that the Universe was a living asymmetrical reality.

The reason for the 1989 presentation of Creative Physics in America was because influential scientists including Australia's Atomic Physicist, Sir Mark Oliphant, helped to prevent it being featured in New York as part of the 1988 Australian Bicentenary Celebrations. The same scientists publicly ridiculed the Science-Art Centre's research that in 1979 was included by the Science Unit of Australian National Television into its eight part series screened internationally as *'The Scientists - Profiles in Discovery'* (Pope, R. 1979). They also complained in 1986 that the Science-Art Centre's seashell research was a disgrace to the scientific reputation of the University of Sydney. However that discovery was later reprinted by IEEE, the world's largest technological research institute, as incorporating one of the most important optics discoveries from the 20th Century literature.

The attacks upon the Centre's Science-Art theories were so virulent that the Dr Calvin Miller, the Science Writer for the Australian Medical Observer investigated the scientists' hostility and published a feature article in that journal to the effect that the hostile scientists were not asking the right questions relevant to the potential structure of a new Renaissance (Miller, C. 1988). As a result the Director of the Science-Art Centre, the author of this article, was awarded the 1989 Dorothy Knox Award for Distinguished Persons by the Dunmore Lang College: Macquarie University.

The main Science-Art question that scientists need to ask is about the prevailing belief that the Second Law of Thermodynamics belongs to a 'First Cause' of reality based upon Descartes' Cartesian geometry. Many scientists have argued that our understanding of that law is incomplete. The discovery of time crystals being symmetrical in pace and asymmetrical in time contradicts second law logic causing it to be referred to as an illusion of reality. That observation, in association with the Plank Observatory mapping a 'First Cause' asymmetrical universe rings a sombre note. Prevailing time crystal understanding is that it relates to a symmetrical 'First Cause' law demanding human extinction rather than to human survival but also indicated incredible new infinite fractal logic technologies. It clearly stresses the urgent need to research the functioning of a holographic universe in order to anticipate and develop completely new sustainable technologies before this global social symmetrical cancer goes terminal.

Archytas is recognized for providing the most convincing cosmological reasoning of ancient philosophy concerning the infinity of space. His friendship with Plato has been recorded but confusion exists about their philosophical differences (Stanford Encyclopaedia of Philosophy, 2016). Advocates for an infinite holographic universe give credit to Plato for holding that the living universe is infinite, which under 'tribal' scientific law is impossible. The Nobel Laureate, Frank Wilczek, familiar with Plato's geometrical theories wrote that "From a modern scientific perspective, of course, Plato's mapping from mathematical ideals to physical reality looks hopelessly wrong", referring to Plato as a "beautiful loser" (Wilczek, F. 2011). However, Plato's mathematical ideals related to a medical philosophy associated with the evolution of human stereoscopic vision rather than to Wilczek's symmetrical world view. He specifically wrote that this electromagnetic spiritual reality was more important than physical reality.

Wilczek was correct that visual evidence exists to show that Plato employed symmetrical information to describe modern tribal science. However, as Kant and Levinas pointed out, Plato's spiritual science was about an asymmetric electromagnetic field evolving within the creative artistic mind. As Norbert Wiener pointed out, the slightest amount of asymmetrical information changes Wilczek's understanding of the *'Progress of Physics'*. The slightest amount of asymmetrical information in contact with human cerebral flat plane symmetrical membrane functioning eventually must become asymmetrical, as is evident in the syntropic workings of human thought processes. The book *'The Asymmetrical Brain'* explains scientific research concerning this cerebral asymmetry (Iris E. C. ,Sommer and Kahn, R. S.,2003).

There is no doubt about Wilczek's observation that Plato's utterly mistaken theory anticipated the spirit of modern symmetrical theoretical physics. However, Wiener's 'First Cause' principle is the one that ultimately dominates future reality. Wilczek is obviously a great scientist but appears unfamiliar with the concept that ancient Greek Science is fundamentally a medical structure. Scientific American in 2012 published *'Time Crystals Could Be a Legitimate Form of Perpetual Motion'* (Cowan, R. 2012) written by the highly awarded Science Writer, Ron Cowen about Wilczek's idea that perhaps "A time crystal would spontaneously break what he calls "the mother of all symmetries"- the symmetry

of time”. According to Wilczek “such a crystal would represent a previously unknown state of matter and might have arisen as the very early universe cooled, losing its primordial symmetries”. However, it now appears that the very early universe was in fact asymmetrical but with some ironic luck, his breaking of the ‘*Mother of all asymmetries*’ might place him as the greatest philosopher scientist of all time. However, this may entail Wilczek’s reeducating himself in accordance to Plato’s reference to scientists untutored in his ‘*Theory of Forms*’.

Pasteur observed through his microscope that asymmetrical ‘First Cause’ forces were formatting electromagnetic dot geometry into various living structures. This would also apply to the living dot process creating seashell life-forms that express the geometric direction belonging to the physics law governing evolutionary seashell direction over time, the 4th dimension. Plato’s evolving infinite spiritual 3D information, previously hidden within plane geometry and associated with his harmonic geometries (electromagnetic wave-fronts) belongs to a medical science associated with the physics of time reversal. If such is the case, in order to explore a technology associated with Wilczek’s brilliant time crystals free energy speculation, Plato’s electromagnetic ‘*Theory of Forms*’ mathematics must be applied. Such research methodology eclipses the attempt by scientists unfamiliar with such mathematics as they intuitively attempted to reconstruct Schrödinger and Einstein’s concept of geometrical point functioning associated with the fusing of 3D and 4D reality. This simple methodology using Plato’s ethical mathematics appears relevant to answering “Schrödinger’s qualms about the ability of the present laws of physics to make sense of the living”, as put forward in the paper ‘*The free energy principle and autopoiesis: Comment on answering the question: A free-energy formulation*’ (Bitbol, M. and Gallagher, S. 2018).

The argument that Wilczek’s worldview needs modification is no real affront to his scientific genius. Kant’s universal ethical asymmetric electromagnetic field concept, derived from Plato’s research, led to his conviction that an asymmetrical electromagnetic field was evolving within the creative artistic mind. The mathematician, Georg Cantor is acclaimed to be one of the greatest mathematicians in history but was also the most despised by scientists employed by Christian universities. His conviction that science was infected by a mental disorder as, “a form of myopia that destroys the possibility of seeing the actual infinite” and “occurs all around us and even inhabits our minds” (Wayne M. 2005), is analogous to Szent-Györgyi and C P Snow’s condemnation of prevailing ‘tribal’ science.

THE FUTURE SURVIVAL ROLE OF INTERNATIONAL MILITARY ORGANIZATIONS

Although Plato’s ethical spiritual plane geometrical mathematics is about a future medical science belonging to some future truly democratic government, he was aware that at the appropriate time in our evolution, a military science would be needed to protect its existence. Therefore, military forces are now needed to preempt this future realization for the safety of the human species. There can be no argument that with the survival information of asymmetrical ‘First Cause Winner Dynamics’, put at their disposal, they would act accordingly. However, prevailing global military ‘tribal’ science cannot instigate such research because it is based upon entropic laws governing macroscopic reality. In particular they will need to ensure that relevant Science-Art institutions come into existence to generate rigorous humans survival computer simulations in order for them to be able to reason in accordance with the 1978 UNESCO proclamation.

During the period of March 31 to April 2nd, 1998, the theme of the U.S. Army War College’s Ninth Annual Strategy Conference was entitled ‘*Challenging the United States Symmetrically and Asymmetrically*’ and it considered that “War will remain predominately an art, infused with human will, creativity, and judgment” (U. S. Army War College Strategic Studies Institute, 1988, p.12). From the prevailing military perspective, the functioning of the inevitable asymmetrical first-cause principles is the correct arch enemy of all tribal science. That tribal worldview denies the possibility of utilizing the antidote to a global military nightmare. Plato’s asymmetrical medical science ‘First Principle’ instead of protecting the human species will remove it from the planet when it enters into its entropic terminal state.

From the viewpoint of global security, responsible governments must, at the earliest possible time, have the scientifically rigorous computer antidote solution at their disposal. With the information

concerning human species survival as the ultimate winning ticket they will be able to negotiate between themselves in a way that is now impossible. By jointly protecting governmental administrations providing access to the dynamics of human survival they will ensure both national security as well as global security. It is clearly a case of all winners or all losers. The winning objective necessitates a completely new understanding about the nature of '*Asymmetrical-Symmetric First Cause*' principles governing the dynamics of the survival of the human species.

The American '*Asymmetric-Symmetric*' military conference in 1998 perceived that "While the Western military struggles for a decade on average to acquire new weapons, a country with commercially available computer equipment and less rigorous democratic and accounting processes could field new systems within a few years. It is the stuff of military nightmares" (U. S. Army War College Strategic Studies Institute, 1988, p. 9). The potential destruction of billion dollar battleships through cyber-warfare discussed at the conference toward the end of last century, is now a bigger concern. The form of warfare which is now creating international chaos within a fictitious peacetime supports unproductive human logic. The conference also noted that the distribution of weaponry from a major power to poverty stricken allies, absolutely determined to uphold their emotional illusory tribal values or perish, can be used by cyber-warfare to nullify the public concept of war being predominately an art, infused with human will, creativity, and judgment. The traditional spirit of camaraderie generated within the citizens of a superpower over its ability to inflict a higher ratio of kills than the enemy, as seen in the Vietnam War, can be used as a cyber-warfare instrument by the enemy to inflict serious emotional disillusionment. Every attempt to extradite ourselves by using entropic symmetrical engineering solutions can only accelerate that nightmare.

Linking 'tribal science' to symmetrical aesthetics is no longer scientifically viable when the winning ticket employs Wiener's asymmetric '*Progress of Physics*' utilizing asymmetrical '*First Principle*' information to protect the human species. This may appear to be utter nonsense to an astute military mind coping with 'tribal' science's psychopathic-schizophrenic reality. However, genuine attempts to comply with the 1978 UNESCO proclamation will be seen by the general public as an attempt to gain a genuine moral high ground. From that high ground the military can readily obtain no-nonsense human survival information from computer programmed to generate human survival blueprint simulations, in particular Szent-Györgyi's cure for cancer. The sooner the general public become aware that such genuine ethical research has been endorsed by governments, the better.

The '*First Cause*' workings of the existing global economic system is based upon symmetrical theories where "We find that at its mean efficiency level, the average utility produces about 25 percent less under asymmetric versus symmetric information" (Wolak, F. A., 1994). That factual symmetrical evidence appears common sense until, as Szent-Györgyi points out, the more 'tribal' science progresses the more it serves the destructive process. The symmetrical economic system now bears the mathematical hallmark of an imminent global catastrophe, economically, socially and environmentally. From the atomic Doomsday Clock's few second's away from global catastrophe the human survival Science-Art blueprint simulation information project needs to be a priority. Linking science with aesthetic values may appear to be acting responsibly. But from a Platonic medical perspective it is just another form of artistic evil perhaps requiring some more moderate form of explanation. The sadistic art forms used for centuries at the Colosseum in ancient Rome to excite unspeakable enjoyment at the spectacle of men, women, children and animals being systematically tortured to death is but an extreme variation of governments obtaining billions of revenue dollars from poker machine enjoyment destroying the well being of family life.

Galleries and museums need to come into existence containing art work with paintings revealing readily visible stereoscopic images representing ethical emotional storytelling rather than what Dr Timothy Morton, in his '*Age of Symmetrical Art*' describes as demonic aesthetic artistry. It needs to tell of a future free from 'tribal' science's demand for the destruction of all life in the universe, in compliance with the relevant UNESCO proclamation. This is particularly important for Australia. The World Fund for Arts awarded the Australian Science Writer, Dr Katherine Doyle, its 2018 Scientific Literacy award for her research with Indigenous Australian artists. That very young Indigenous children are able to see stereoscopic images in paintings without viewing them though asymmetric electromagnetic glasses was an important and very humane discovery concerning the betterment of the Australian culture. After gallery maintenance costs, further tourist revenue would become the self

funding for advancing Szent-Györgyi's initial cancer research to obtain an antidote to the cancer creating the present pandemic of global disinformation.

During 2016 Szent-Györgyi's Science-Art theories together with stereoscopic artwork, won a First Prize Award at the RUSSIAN ART WEEK International Contemporary Art Competition under the auspices of the World Art Fund. In 2017 that organization established a Science-Art Research Project to further research the artistic antidote for human survival. In 2018 artists from 20 different countries were involved in the CREATIVITY AND ANTIDOTE FOR HUMAN SURVIVAL, 2nd Quantum Art Competition (11). From this initiative the nations of the world can unite to ensure their future survival.

References

Agius M. (14 May 2018). Human Life Architecture [online] https://www.academia.edu/36637091/Human_Life_Architecture [accessed 15 May 2018].

Bhattacharjee, Y. Jan (2018) The Science of Good and Evil. National Geographic. p. 131.

Bitbol, M. and Gallagher, S. 2018. The free energy principle and autopoiesis: Comment on Answering question: A free-energy formulation. *Physics of Life Reviews*, 24: 24-26.

Bogdan, P., Bridget M. D., Gharaibeh, B., Timo, R., Marculescu, R. (April 28, 2014) Heterogeneous Structure of Stem Cells Dynamics: Statistical Models and Quantitative Predictions. *Scientific Reports*. Vol 4. [online] <https://www.nature.com/articles/srep04826#abstract> [accessed July 2018]

Brown K. (2017). Reflections on Relativity. 8.2 Newton's Cosmological Queries. [online] <http://www.mathpages.com/rr/s8-02/8-02.htm> [accessed 20 April 2018].

Bustamante, C. (Nov 2004). Of Torques, Forces and Protein Machines. *Protein Science*, *Protein Sci.* 2004;13:3061–3065. [online] <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2286589/> [accessed June 2018]

Christianson, G. (1984). *"In the Presence of the Creator"*, The Free Press (Macmillan), p. 576.

Cowan, R. (Feb 27, 2012). Time Crystals Could Be a Legitimate Form of perpetual Motion. *The Sciences*. *Scientific American*. [online] <https://www.scientificamerican.com/article/time-crystals-could-be-legitimate-form-perpetual-motion/> [accessed July 2018].

Damasio, A. R. (1994). *Descartes' Error - Emotion, Reason, and the Human Brain*. Avon Books. New York.

Damasio, A. R. (1994). *Descartes' Error - Emotion, Reason, and the Human Brain*. Avon Books. New York. p.246.

Damasio, A. R. (1994). *Descartes' Error - Emotion, Reason, and the Human Brain*. Avon Books. New York. p.248.

Damasio, A. R. (1994). *Descartes' Error - Emotion, Reason, and the Human Brain*. Avon Books. New York. p.249.

Davies P. (November 24 2007). Taking Science on Faith. *The New York Times*

Denti, R. (2018). Creativity and Antidote for Human Survival. MAQ - Quantum Art Movement. [online] <http://maq-quantumart.org/> [accessed May 2018].

Di Corpo, U & Vannini, A. (2014). Syntropy and sustainability. 58th Annual Meeting of the International Society for the Systems Sciences, ISSS 2014.

Dubos, J. (1950) Louis Pasteur - Freelance of Science. Little, Brown and Company, Boston. p. 111.

Editors of Encyclopaedia Britannica April (2008). Teleological Ethics. Philosophy. Encyclopaedia Britannica Online. [online] <https://www.britannica.com/topic/teleological-ethics> [accessed July 2018].

Emerging Technology from the Air Xiv, (October 4, 2016) Physicists Create the World's First Time Crystal. MIT Technology Review. [online] <https://www.technologyreview.com/s/602541/physicists-create-worlds-first-time-crystal/> [accessed July 2018].

Emerson, R. W. ed. Tharaud, B. (2010). Emerson for the 21st Century - Global Perspectives on an American Icon. Newark: University of Delaware Press. USA. p. 1.

Emerson, R. W. ed. Tharaud, B. (2010). Emerson for the 21st Century - Global Perspectives on an American Icon. Newark: University of Delaware Press. USA. p. 13.

Emerson, R. W. ed. Tharaud, B. (2010). Emerson for the 21st Century - Global Perspectives on an American Icon. Newark: University of Delaware Press. USA. p. 15.

Grujic P. V. January (2001). The Concept of Fractal Cosmos: I. Anaxagoras' Cosmology. Serbian Astronomical Journal 163(163):21

Hands, P. and Jenny C. A. (July 2017). True Stereoscopic 3D Cannot Be Simulated by Shifting 2D Content off the Screen Plane. Science Direct. Vol 48. p. 35. [online] <https://www.sciencedirect.com/science/article/pii/S0141938216301664> [accessed July 2018]

Hatfield, G. (Summer 2018 Edition). "René Descartes", *The Stanford Encyclopedia of Philosophy* Edward N. Zalta (ed.), [online] <https://plato.stanford.edu/archives/sum2018/entries/descartes/> [accessed July 2018].

Illert, C. (1987). The New Physics of Ultrathin Elastic Conoids, *Il Nuovo Cimento*, and Formulation and Solution of the Classical Seashell Problem II Tubular Three Dimensional Seashell Surfaces and II *Nuovo Cimento*, (1989), The Science-Art Research Centre...selected from the World literature for reprinting in *Spie Milestone Series*, Vol. MS 15, Selected Papers on Natural Optical Activity, pp. 12-23 and 24-33, section 1. Chirality and Natural Optical Activity, 1990.

Illert, C. (1992). Foundations of Theoretical Conchology. *Hadronic Journal Supplement* ISBN 0-911767-54-1. See abstract.

Iris E. C. ,Sommer and Kahn, R. S. (December 2003) The Asymmetrical Brain. *Brain*, Volume 126, Issue 12, 1 December 2003, Pages 2773–2775. [online] <https://doi.org/10.1093/brain/awg258> [accessed July 2018].

Kafka, P. (1976 - 1974) *Six Essays on the Principle of Creation and the Global Acceleration Crisis* p. 119. [online] <http://www.gegen-den-untergang.de/texte/pkafka-6essays.pdf> [accessed July 2018]

Klein, M. J. (1967) Thermodynamics in Einstein's Universe, in *Science*, 157, p. 509.

Koch-Westenholz U. (1995). *Mesopotamian Astrology - An Introduction to Babylonian and Assyrian Celestial Divination*. CNI Publications. University of Copenhagen, Denmark, p. 12.

- Lidz, J. W. (1995). *Medicine as Metaphor in Plato*. The journal of Medicine and Philosophy 20 : 527-541. Kluwer Academic Publishers. Printed in the Netherlands.
- Linton C. M. (2004). *From Eudoxus to Einstein: A History of Mathematical Astronomy*. Cambridge University Press. p. x.
- Miller, C. (22 Jan - 4 Feb, 1988) *A New Renaissance?* Medical Observer. pp. 14-15.
- Morton T. (2012). *Art in the Age of Asymmetry: Hegel, Objects, Aesthetics,*” *Eventual Aesthetics* 1, No. 1. p. 135.
- Morton, T. (2012) *Art in the Age of Asymmetry*. *Eventual Aesthetics*.
- NASA/ Jet Propulsion Laboratory, March 21, 2013, *Best map ever made of universe's oldest light: Planck mission brings universe into sharp focus*. ScienceDaily. Online world wide web url: <https://www.sciencedaily.com/releases/2013/03/130321084221.htm>
- NASA website. (2014) *Will the Universe Expand Forever?* National Aeronautics and Space Administration. [online] https://map.gsfc.nasa.gov/universe/uni_shape.html [accessed June 2018]
- Notopolous J. A. (April 1939). *The Name of Plato*. *Classical Philosophy*. The University of Chicago Press. Journals. Vol 34 No. 2 pp. 135 - 145.
- O'Connor, J. J. and Robertson, E. F. (2010) *Luigi Fantappiè*. [online] <http://www-groups.dcs.st-and.ac.uk/~history/Biographies/Fantappie.html> [accessed July 2018]
- Pasteur, L. (1974). "Recherches sur la dissemétrie moléculaire des produits organiques naturel," p 333 v 1 *Oeuvres de Pasteur*, ed. Pasteur Vallery-Radot, 1922; cited in *The Spontaneous Generation Controversy from Descartes to Oparin* by John Farley, The Johns Hopkins University Press, p 101.
- Perry, P. (2016) *Discovery of time crystals could radically change our understanding of the space-time continuum*. Big Think. [online] <https://bigthink.com/philip-perry/discovery-of-time-crystals-could-radically-change-our-understanding-of-the-space-time-continuum> [accessed July 2018].
- Plato. Rouse, W.H.D., ed. (2008) *The Republic Book VII*. Penguin Group Inc. p. 376.
- Pope, R. (Sept 2, 1979) *The Scientists - Profiles in Discovery*. (subtitled) *Pope the Catalyst*. Australian Broadcasting Commission television documentary.
- Pope R. and Todorai, R. (1988) *Two Bob's Worth*. The Bonum Research Centre Pty Ltd. NSW. ISBN 0 9595604 5 9. p. 111.
- Robotart Contest. (2018). [online] <https://robotart.org/> [accessed July 2018].
- Russell B. (1902 - 14). *Has Religion Made Useful Contributions to Civilisation?* *The Collected Papers of Bertrand Russell, Contemplation and Action*, London, 1985; now published by Routledge.
- Russell B. (1902 - 14). *A Free Man's Worship*. *The Collected Papers of Bertrand Russell, Contemplation and Action*, London, 1985; now published by Routledge.
- Snow C. P. (1959). *The Two Cultures*. Cambridge University Press. p.15.
- Stanford Encyclopedia of Philosophy. (23 Aug. 2016). *Archytas, 5 Cosmology and Physics* [online] <https://plato.stanford.edu/entries/archytas/> [accessed 15 April 2018]
- Szent-Gyorgyi A. (1970). *The Crazy Ape*. New York: Philosophical Library.
- Szent-Gyorgyi A (1977). *Drive in Living Matter to Perfect Itself*, *Synthesis* 1977, pp. 14-26.

Szent-Gyorgyi A. (2 June 1972). Letters, Dionysians and Apollonians Science, Vol. 176, Issue 4038, pp. 966 [online] <http://science.sciencemag.org/content/176/4038/966.1> [accessed 15 April 2018].

UNESCO. (1978). UNESCO Declaration on Race and Racial Prejudice [online] http://portal.unesco.org/en/ev.php-URL_ID=13161&URL_DO=DO_TOPIC&URL_SECTION=201.html [accessed 20 April 2018]

U. S. Army War College Strategic Studies Institute. Ed. Matthews, L. J. (July 1988). Challenging the United States Symmetrically and Asymmetrically: Can America be Defeated? p. 12. [online] <http://www.strategicstudiesinstitute.army.mil/pdffiles/PUB230.pdf> [accessed June 2018].

U. S. Army War College Strategic Studies Institute. Ed. Matthews, L. J. (July 1988). Challenging the United States Symmetrically and Asymmetrically: Can America be Defeated? p. 9. [online] <http://www.strategicstudiesinstitute.army.mil/pdffiles/PUB230.pdf> [accessed June 2018].

Wayne M. 2005. Quantum Integral Medicine: Towards a New Science of Healing and Human Potential. IThink Books. p. 40.

Weiner N. (1954). The Human Use of Human Beings: Cybernetics and Society. Houghton Mifflin, University of Michigan. p. 38.

Wilczek, F. (29 Dec 2011). Beautiful Losers: Plato's Geometry of Elements. The Nature of Reality. [online] <http://www.pbs.org/wgbh/nova/blogs/physics/2011/12/beautiful-losers-platos-geometry-of-elements/> [accessed July 2018].

Wheeler C. R. (2008). Kantian Imperatives and Phenomenology's Original Forces. Volume 36 of Cultural heritage and contemporary change: Culture and values. The Council for Research in Values and Philosophy. p. 204.

Wolak, F. A. (1994). An Economic Analysis of the Asymmetric Information Regulator-Utility Interaction. *Annales Deconomie et de Statistique* - No 34. p. 16. [online] <https://pdfs.semanticscholar.org/1898/22182b26e68d4851c102d884da2519af0e26.pdf> [accessed July 2018].