

The Great Debate Toward Conceiving the Fundamental Laws of The Universe, Revelation Against Experimentation

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ABSTRACT

Exploring the intricate relationship between revelation and experimentation in understanding the fundamental laws of the universe is a mission that must be confronted in the current era. Through historical debates and modern scientific we discuss examples, which contrasts the materialistic approach of contemporary science with insights derived from spiritual revelation. The discussion emphasizes the limitations of human perception and highlights the need for an integrative approach that combines empirical investigation with spiritual wisdom, ultimately aiming to uncover deeper truths about existence and the cosmos.

Keywords: Consciousness, Revelation, Experimentation, Thunderstorm Philosophy.

INTRODUCTION

Since the early dawn of human civilizations, the new creature who found himself on this incredible planet starts to question the secrets of the universe around him. The stimulus for this instinctive feeling was both the great demand to make life easier and to transcend the spirit from the limits of physical boundaries to the exhalation space. Allah almighty ranks the human species at the top of the pyramid of all creatures. This is evident in the creativity of the human creature physically, psychologically, and spiritually. The grand precious gift that ranks humans as a matter, the highest creature on Earth is the consciousness and mind. Consciousness and mind are not synonymous. The mind is everything that is experienced. On the other hand, consciousness is the experience of everything that is experienced. The consciousness process of humans is the most familiar but the most elusive experience for human beings. It encompasses the mind as part of its spectrum. The mind is defined as the totality of psychological phenomena and capacities, encompassing, thought, perception, sensation, feeling, mood, motivation, behavior, memory, and learning. We define consciousness in a unique and comprehensive definition getting closer to exploring its intricate complexity. We define it as a state of alertness and being aware, active, and vigilant of the self and surroundings with volition, based on memory and personal identity. This state is ineffable and intrinsic and expresses itself in the presence of the soul through the activation of different sensing and perceptive body organs but may pass through lighter densities and variable dimensions in quantum nature if the soul leaves the body. (1) This definition is not only comprehensive but its significance extends to open channels to endless horizons of knowledge beyond the human mind's capabilities toward conceiving an integral conceptual understanding of the fundamental laws of life. It is doing so as it involves two critical components in human consciousness

definition: the human soul and activation of different sensing and perceptive body organs. Human soul exaltation is a miraculous path toward transcendence and exposure to the unseen domain. The sensing organs' involvement as a cardinal component of human consciousness is an unambiguous announcement of the great limitation of the human consciousness in understanding everything on the planet and the endless universe. The human perception spectrum of light that are within the seen spectrum of retina rods and cons falls within approximately 380 to 750 nanometers and red. Different creatures have different windows of visible light, For example, mantis shrimp, a type of marine crustacean, is able to see colors that are invisible to humans.

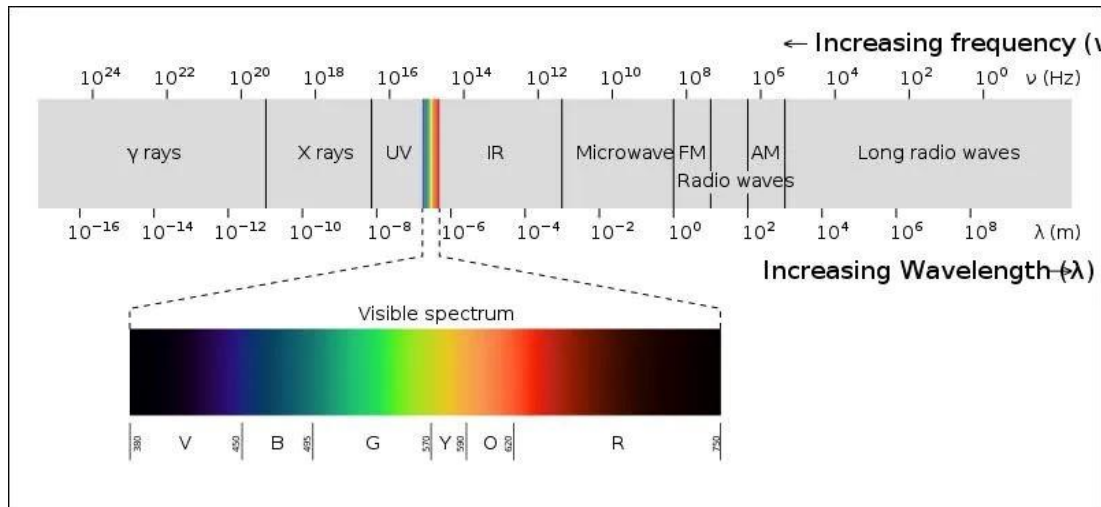


Figure 1: The visible spectrum of light makes up only a tiny fraction (<1%) of the total electromagnetic spectrum

The visible spectrum of light of the human species (Figure 1) makes up only a tiny fraction of the total electromagnetic spectrum, which includes everything from radio waves to gamma rays. The Human Eye Can Only See 0.0035% of Reality: The electromagnetic spectrum is just one aspect of reality that we're limited in perceiving. When you consider all of the other phenomena that fall outside of our sensory range, the amount of reality that we can perceive becomes even smaller. On the other hand, humans can detect sounds only in a frequency range from about 20 Hz to 20 kHz. As a matter of fact, the upper limit in average adults is often closer to 15–17 kHz. (2) It seems that the auditory structures of small mammals, are better resonators for high frequencies as some species of bats are sensitive to tones as high as 200 kHz, with a lower limit of around 20 kHz. Close examination of the visible-light spectrum from our Sun and other stars reveals a pattern of dark lines—called absorption lines. These patterns can provide important scientific clues that reveal hidden properties of objects throughout the universe (https://science.nasa.gov/ems/09_visiblelight/ rse) The matter or energy that exists beyond our current understanding of physics reflecting dimensions of space-time that we're unable to access with our current technology.(3) The possibility of “higher” forms of life that exist in these other dimensions, sometimes referred to as “aliens” or “hyperdimensional” beings is always there. The capabilities of human consciousness including its mind to experience the self as well as the close and the far environment in the endless polyverse are very limited but can be accessed through exalting soul and higher spirit. From a philosophical perspective, the

limitations of human perception raise questions about the reality of the whole life process and in the same time emphasize our extreme limitation to comprehend biology and the universe around us.

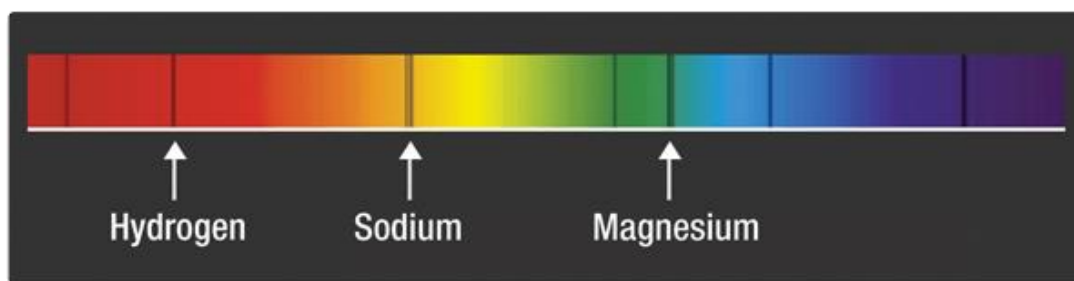


Figure 2: Absorption lines are patterns that can provide important scientific clues that reveal hidden properties of objects throughout the universe

DEFINITIONS

Experimentation refers to the systematic process of conducting scientific investigations, tests, or trials to explore, observe, and gain new knowledge, understanding, or insights about a particular phenomenon, hypothesis, or research question. Experimentation starts with hypothesis foundation followed by experimental design in preparation for data collection. When data is available statistical management with data analysis and interpretation will follow. In today practice we adopt repeatability and reproducibility to ensuring that the experiment can be replicated by other researchers. refinement and evaluation of what has been done and collected is a final step based on the insights gained from the experiment. Revelation on the other hand is often but not always denotes religious and theological source, and is best defined in its highest level as disclosure or communication of divine or sacred knowledge, truths, or guidance from a supernatural or divine source to human beings. It is a fundamental concept in many religions, as it is believed to be the primary means by which Allah (God), the divine, or the higher power reveals himself or imparts knowledge to humanity. Revelation in its highest form belongs to Allah (God's) prophets and messengers. Lower levels of obtaining knowledge from supernatural sources include intuition with its derivatives like clairvoyance, precognition, Déjà vu, and premonitions which describe certain people with special capabilities to forecast the unseen and express insight into future events. In many cultures revelation is a higher exalting experience thought to be of divine guidance and enlightenment experienced by selective individuals.

WHAT IS THE WISDOM DICTATED TO UNRAVEL THIS PERPLEXING CONCEPTUAL DILEMMA

One of the most important debates in the history of science discussing the most ancient questions on mind and matter and what the true path to wisdom, is it exalting wisdom or experimentally testing our environment, took place in the 12th century between two major scholars: Sheikh Muhyiddin Ibn Arabi (1164-1240 AD), an Arab Andalusian Muslim scholar, mystic, poet, and philosopher, extremely influential in humankind philosophy, and Ibn Rushd (Known in the west as Averroes, one of the most prominent pioneers in the history of philosophy, theology, medicine, astronomy, physics, psychology, mathematics, Islamic jurisprudence and law, and linguistics, (1126-1198). Ibn Rushd's (Averroes) philosophical

works include numerous commentaries on Aristotle, for which he was known in the Western world as The Commentator and Father of Rationalism. Sheikh Muhyiddin Ibn Arabi (Figure 3) narrated the historical debate with ibn Rushd (Averroes) (Figure 4) by himself:



Figure 3: Sheikh Muhyiddin Ibn Arabi (1164 - 1240)

"One day I entered Cordoba aiming its judge, Abu al-Walid ibn Rushd, as he wanted to meet me when he heard and was informed of what Allah had opened for me in my seclusion, so he was astonished by what he heard; So my father sent me to him in need, intending to meet me, as he was one of his friends, and I (at that time) was a boy with no signs of manhood and my mustache was not grown. When I entered it, He rose from his place to me with love and honor. He hugged me and said: Yes! I told him: Yes! He became more happy with me because I understood him, then I sensed what made him happy, so I said: No! He contracted and changed his color and doubted what he had, and he said to me: How did you find the matter in revealing and divine emanation, is it what He gave us looking? I said: Yes and no, and between yes and no, souls depart from their material and necks from their bodies! The famous judge, physician, and philosopher Abu al-Walid ibn Rushd, was shocked and his face turned yellow".



Figure 4: Ibn Rushd, Known in the west as Averroes (1126 -1198).

This historical debate (<https://youtu.be/NtplYE-PIME?si=UkMSi4edkuv1hOcT>) is an eternal narrative and chronicle that transcends eras and is a lasting record of the great historical debate which is valid for all ages. Reminiscences of this debate in the twentieth century are the Solvay

meetings started in 1911 and the famous debate between Niels Bohr and Albert Einstein. (Figure 5) Niels Bohr championed the Copenhagen interpretation of quantum mechanics, which held that the quantum world operates according to inherent uncertainty and probabilistic behaviors. Bohr argued that at the quantum level, particles do not have definite properties until they are measured, challenging the classical notion of objective reality. In contrast, Albert Einstein was deeply uncomfortable with the probabilistic nature of quantum mechanics and the idea that particles could exist in "superposition" before measurement. Einstein famously stated "God does not play dice with the universe", rejecting the inherent randomness of quantum theory. The debate is explicitly purely materialistic but implicitly it is experimentation confronting revelation. In the revelation, an extremely concise statement covers the whole debate: "You humankind are not welling but your well is bound and tightly conditioned to Allah's well "(Surat Almursalat, verse 30). This means a full degree of choice has been given to humankind with no obligation so humans will be responsible for their choice. But at all times what happens is Allah's eternal decree.

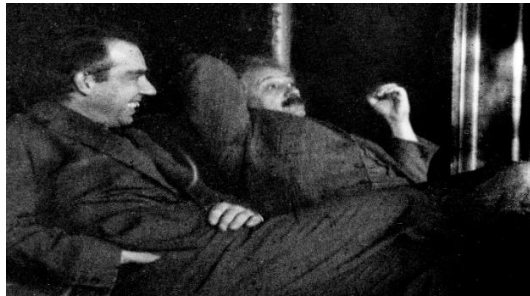


Figure 5: Albert Einstein (right) to Niels Bohr (left) "God does not play dice with the universe", (December 1925)

Reviewing the human historical landmarks in science in the last 15 decades discloses two critical observations each is a reflection of the other: first, we have been too materialistic, second the spirit of revelation was dealt with as taboo or in best scenarios considered as pseudoscience. As a matter of fact we in the scientific community have been suffering from egregious oppression, especially in publication to high-rank journals. Even a hint of religious language is sufficient to dismiss the research regardless of its scientific merit. This perplexing conceptual dilemma deprives humanity of the wisdom needed to approach closer to the absolute facts and laws of nature. The instances are innumerable but prominent examples are the theory of evolutionary biology by Charles Darwin, the Big Bang theory of universal evolution, and others. The refute of human-made theory especially if it's considered as milestone in science with thousands of citations is enough to create stripping of confidence and creating chaotic scientific environment.

At all times the philosophy of interacting with this historical conceptual dilemma in different cultural backgrounds presents a binary choice. The first is related to believers of prophets and religions, second is related to disbelievers of prophets and religions. For believers, it is supremely prudent to follow the scientific indicators mentioned in holy books because the greatest creator who creates everything with extreme creativity must know the details of his creator. For this reason, it is prudent and wise to adopt the creature indicators into our scientific experimentation to reach the deep secrets of biology, space, and all nature. For

disbelievers, it is supremely prudent to adopt scientific indicators mentioned in the holy books as ancient wisdom which has been known for the human species for hundreds and thousands of years of human history compared to the product of a single human mind's thoughts and theory. (4)

THUNDERSTORM MYSTERIES BETWEEN REVELATION AND EXPERIMENTATION

What Does The Experimentation Reveal

thunderstorm, also known as an electrical storm or a lightning storm, is a storm occur in a type of cloud known as a cumulonimbus characterized by the presence of lightning and the majestic acoustic effect on the Earth's atmosphere and planetary biology known as the thunder. Thunderstorm in its simplest form is huge electrical terrestrial event compared to our daily live standards. A typical lightning flash is about 300 million Volts and about 30,000 Amps. In comparison, the household current is 120 Volts and 15 Amps. The temperature is 30,000 K equivalent to five times the temperature on the surface of the sun but it lasts for only 30 microseconds (0,00003 seconds). A typical strike delivers about one billion joules of energy. Some of the most persistent severe thunderstorms, known as supercells, rotate as do cyclones. While most thunderstorms move with the mean wind flow through the layer of the troposphere that they occupy, vertical wind shear sometimes causes a deviation in their course at a right angle to the wind shear direction. In 1989, a huge and brief optical and electrical phenomena occurring over thunderstorms in the upper regions of the Earth's atmosphere was described, although it was predicted in 1920. ⁵ It is called Transient luminous events (TLEs) and was said to occur in association with high energetic lightning activity (Figure.6).



Figure 6: Transient luminous events (TLEs), we know its lower limit but its upper source is in an invisible, unseen domain within the Almighty Omnipotent creator who is the Sovereign of the seen and unseen.

The different colors observed in transient luminous events (TLEs) are primarily due to the excitation and emission of different atmospheric gases at the high altitudes where these

phenomena occur. (Figure 6) The specific colors of TLEs are influenced by the altitude, atmospheric composition, and the energy levels of the excited and ionized gas molecules in the upper atmosphere. The study of these color signatures provides insights into the complex electrical and chemical processes occurring in the upper atmosphere during thunderstorm activity. The most common TLEs include sprites, halos, elves, blue jets, and gigantic jets (Figure 7). The red color of sprites is mainly due to the emission of excited nitrogen molecules (N_2) in the first positive band system. This red emission occurs at altitudes where the atmospheric density is low enough to allow the nitrogen molecules to become highly excited. Elves appear as rapidly expanding, dome-shaped rings of emission that are primarily blue-green in color. The blue-green color is caused by the emission of excited molecular nitrogen (N_2) in the second positive band system. The blue color of blue jets is attributed to the emission of singly ionized molecular nitrogen (N_2^+) in the first negative band system. This blue emission occurs at lower altitudes, where the atmospheric density is higher, allowing for the ionization of nitrogen molecules.

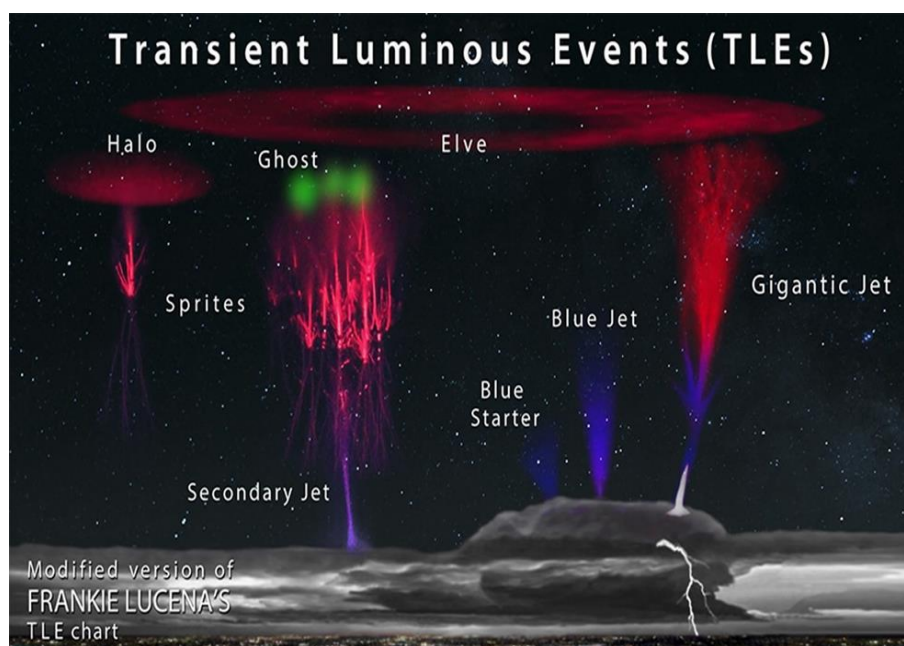


Figure 7: Different types of TLEs. The color signatures of each provide glorious insight of the divine nature of thunderstorms and their upper terrestrial events. What is narrated in contemporary human scientific literature as complex electrical and chemical processes occurring in the upper atmosphere during thunderstorm activity is undoubtedly eclipsing and dwarfing a monumental glorious cosmic event

The disk-shaped halos that appear around the base of sprites have a more diffuse, reddish-white appearance. This color is a result of the combined emission from excited nitrogen molecules (N_2) and oxygen molecules (O_2). In May 2019 a greenish glow appeared on top of certain energetic sprites and lasted for several milliseconds was observed by a citizen scientist in Oklahoma. This new phenomenon was named then from the acronym Green emissions from excited Oxygen in Sprite Tops (ghost). The main reason behind this name is that the greenish color of the excited atomic oxygen at 557.73 nm is the only known source of this appearance 6 as it is a well-known emission line in Aurora and airglow.⁷ Recently, a spectroscopic study to

obtain a deeper insight into the chemistry and dynamics related to ghosts was carried out to analyze the temporal evolution of the spectral emissions occurring on top of sprites, in a wavelength range from 500 to 600 nm. The results confirm weak traces of excited atomic oxygen (O I) at 557.57 nm, in addition to four main species associated with the gradual fading of the ghost brightness: atomic iron (Fe I), nickel (Ni I), and nitrogen (N I), molecular nitrogen (N₂) and ionic molecular oxygen (O₂⁺). Traces of atomic sodium (Na I) and ionic silicon (Si II) were also observed. 8 These observations were said to be consistent with previous direct measurements of density profiles of meteoric metals in the mesosphere and lower thermosphere. This result of the spectroscopy of a mesospheric ghost reveals iron emissions at the top of the miraculous scene of vertical terrestrial magnificent streaks of fiery lights - consistent with density profiles of meteoric metals, descending from heaven, cascading down from the ethereal realm is a phenomenal mind storming event.

Thunder in Revelation

The experimentation human derived discoveries proves with no space for doubt that what was conceived as simply a thunderstorm is in fact a majestic event transpiring within the grand tapestry of a magnificent creator extremely beyond our conscious perception, who is utterly incomparable, The Omniscient, The All-hearing one. The psychological impact of thunderstorm on the human being, since humans were first created, is a symbol of Allah (God) Greatness, and Majesty. The major religious texts tend to view thunder as a manifestation of the power, presence, and voice of the divine. In the Bible, thunder is often associated with the power and voice of God. In the book of Exodus, when God spoke to the Israelites at Mount Sinai, "the people trembled with fear. The whole mountain trembled violently, and the sound of the trumpet grew louder and louder. Then Moses spoke and the voice of God answered him in thunder" (Exodus 19:16-19). In the Holy Quran, thunder is also seen as a sign of Allah's (God's) presence, power, and absolute infinite dexterity and capability of everything. As a matter of fact thunder received major unprecedented significance in the Holy Quran as one full chapter of the whole holy book is named "ArRaad" means "thunder". Verse 13:13 states: وَيُسَبِّحُ الرَّعْدُ بِحَمْدِهِ وَالْمَلَائِكَةُ مِنْ خِيفَتِهِ وَيُرْسِلُ (13) الصَّوَاعِقُ فَيُصِيبُ بِهَا مَنْ يَشَاءُ وَهُمْ يُجَادِلُونَ فِي اللَّهِ وَهُوَ شَدِيدُ الْمِحَالِ means (And the thunder glorifies His praise, and the angels glorify Him in fear of Him, and He sends the thunderbolts and strikes with them whomsoever He wills. And they dispute about God, and He is mighty in power) Surat ArRaad (13). Thunder is perceived in Islamic Faith as a reminder of the polyversal shout out, heralding all creature's death and the extinction of everything which correspond to the announcement of the start of the judgment day. Striking and harrowing mention of the realm of thunder from the narrations of Alhadeeth Alshareef:

Thunder is an angel among the angels entrusted with the clouds in his hands, or in his hand there are web of fire (source of light) with which he repels the clouds, and the sound that is heard from him rebukes the clouds when he repels them until they end where he commands them.

The reported knowledge derived from human experimentation carries critical observations from the point of light spectrum indicators of the involved atoms and gases of the Transient luminous events (TLEs). Indicators of the mysterious occult source of the Transient luminous events (TLEs) are its consistent density profile with meteorites which are pieces of debris from an object, such as a comet, asteroid, or meteoroid, that originates in outer space that gives light

from fire produced by the outer objects friction with atmosphere. The logic dictate that the outer space where the TLEs originate will remain a mystery without inclusion of the enlighten from revelation. The light spectrum indicators from human made experimentation points to the far away web of fire as documented in revelation. Both are in concordance and scientific alignment that urge wisdom to establish a new path that adopt both as reliable sources for human knowledge.

WHY ARE CONTEMPORARY PRESTIGIOUS SCIENTIFIC PUBLICATIONS UTTERLY TERRIFIED FROM REVELATION

The adamant refusal of revelation and religious language in today's scientific literature created a massive subconscious avoidance from researchers of any terminology or indication of revelation source. This tendency of asceticism, piety and sort of estrangement towards revelation which developed into a spontaneous rejection of the scientific indicators from Holy books deprived the human species' scientific arena of discovering the primordial repository of the natural laws and fundamentals of creatures. The massive materialism that overwhelmed scientific communities after the vespertine of the Roman (27 BC to 476 AD) and Arab empires (622 AD-1492 AD) was truly devastating. After the fall of the Roman empire Europe was plunged into the middle Ages, as barbarians progressively invaded and dominated all its territories. During this period, which lasted 1,000 years, all of Galen's and other Greco-Roman medical documents were destroyed or were unavailable and medicine regressed to primitive beliefs that illness was due to the stars, demons, bad smells, or punishment for some sin. ⁹ This period of time was paralleled with the glory of the golden ages of the Arab Islamic empire which is the true biological mother of the current Western civilization. The materialistic dominated the scientific arena under the influence of complex directions mainly impacted by the hate of the church during the Middle Ages and the efforts to veil the glorious Islamic sciences. In addition, the drift of humanity behind the increasing influence of atheistic perspectives supported by the amplification of rationalist and materialistic naturalistic philosophers has a huge impact on the materialistic dominance on scientific publications. As time goes, the collective power of materialistic believers in the major highly reputed publication houses, created its own system that impacts academic promotions, and professional bonuses and ultimately became a true giant.

THE PATH TO WISDOM: REVELATION GUIDED EXPERIMENTATION

The general belief and the dominant understanding in modern times has been towards prioritizing empirical, scientific investigation as the most reliable and productive approach. But sole dependance of scientists on experimentation is an announcement to deprive science from what is thought to be higher and more pure sources. We call for a complementary and integrative scientific approach that adopts scientific experimentation but with beam of light from revelation transcendent insights and human intuitive power. The subject of this scientific paper is one of the best examples. Why should we experiment in theory after theory of the atomic light wavelength to inspire us of the source of the physical power behind thunderstorms, transient luminous events(TLEs), and it's associated Ghost while we know that he is an Angel entrusted with the clouds with a web of fire in his hand with which he repels the clouds, and the sound that is heard from him rebukes the clouds when he repels them until they end where he commands them. As a matter of fact, this revelation statement is a huge scientific project that can bring us to absolute facts within a short time with dramatically lower budgets. After

adopting the general beliefs and research trends full experimentation protocols may take over. Extrapolation of this philosophy to solve the secrets of biology and the universe is going to create a profound historical shift in human scientific history. The great success of this unique investigative approach is the confident start with a high level of trust that it has high potential to end up with the discovery of the absolute secrets and laws of life and the universe. A prominent example in biology is the soul and body interface. The body is dead without a soul. The soul is the source of divine life. Treating the diseased body with complete negligence of the soul is the treatment of the small branches while the source and the main stem are forgotten. Cardiologists worldwide will think of abnormal heartbeat beats but none is thinking of how the sinus node beats and who gives it the beat and where is the supply chain coming from. Intuitive thinking and exaltation of the human spirit to transcendence expansive consciousness was the source of a huge scientific impact on humankind. Physicists like Niels Bohr, Werner Heisenberg, and Erwin Schrödinger were influenced by Eastern philosophical concepts like non-duality, interconnectedness, and the limits of human perception. This complementary thinking with the transcendence of ideas inspires scientists to groundbreaking developments in quantum theory, which reveals the deeply paradoxical and counterintuitive nature of reality at the subatomic level.

HIGHER CONSCIOUSNESS OF HUMAN ACHIEVEMENTS THAT WERE LATER VALIDATED BY EXPERIMENTAL EVIDENCE

Here are some examples of how theoretical physicists have made insights about higher consciousness that were later supported or validated by experimental evidence, even if the initial ideas were not directly based on experiments:

David Bohm and Implicate Order

Theoretical physicist David Bohm proposed the concept of "implicate order", the idea that there is a deeper, more fundamental level of reality that underlies the "explicate order" we perceive. Bohm suggested this implicate order was a seamless whole, with all things interconnected in an "unbroken wholeness." While not directly proven experimentally at the time, Bohm's ideas presaged later findings in quantum physics about the fundamental interconnectedness of reality. In his book "Wholeness and the Implicate Order" Bohm suggested a deeper level of reality that connects all things. 10 In collaboration with Basil Hiley, Bohm's other book "The Undivided Universe" explores the implications of quantum theory and emphasizes the holistic nature of reality and how quantum phenomena suggest a fundamental interconnectedness.(11) The interconnectedness observed in quantum mechanics is translated into physics and experimental language in a major scientific project known as the "Global Coherence Project" (GCP) which is an initiative aimed at fostering global peace and harmony through the understanding of human consciousness and its connection to the Earth's electromagnetic fields. The GCP is an elegant scientific investigation incorporating random number generators in more than 60 locations on the planet. It employs the scientific idea of implicit and explicit philosophy in unique research to explore how human emotions and intentions can influence the Earth's magnetic field, particularly through the use of heart rate variability and coherence measurements. Spikes in coherence with significant global events is now explicit science demonstrating the potential influence of collective human emotions on the planet and its biology. A striking similarity between evoked potential (EP) from an auditory stimulus (the black) and a composite of GCP data from nine 6-hour events (the red) illustrates that implicit

represented by auditory stimulus is almost identical to global explicit random numbers generated from different locations in the planet, thought to represent humanity global consciousness. (Figure 8) (12)

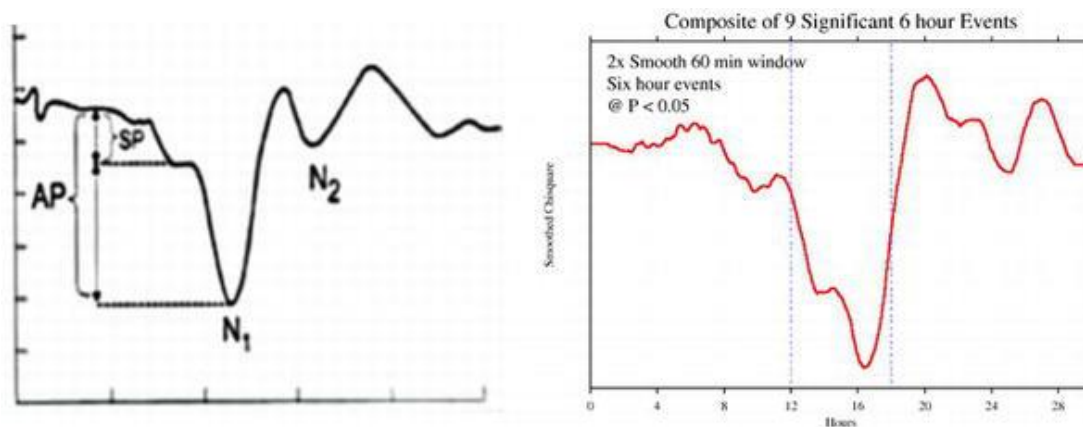


Figure 8: Striking similarity between evoked potential (EP) from an auditory stimulus (the black) and composite of Global Coherence Project data from nine 6 hour events (the red) (12).

John Bell and Quantum Entanglement

The belief that something can affect its partner at a distance is at the heart of religious teaching in most religions especially Islamic Sufism. Physicist John Bell's work was motivated by the desire to explain quantum phenomena through classical physics. His theorem was arising from theoretical intuition rather than direct experimental evidence at the time of its formulation. This "Bell's Theorem" provided a mathematical basis for the counterintuitive phenomenon of quantum entanglement, where particles can instantaneously influence each other even when separated by large distances. Subsequent experiments have conclusively demonstrated the validity of quantum entanglement, vindicating Bell's theoretical insights. The principles derived from Bell's work have paved the way for advancements in quantum information science, including quantum computing and quantum cryptography, where entanglement plays a crucial role. These technologies leverage the unique properties of entangled particles to enable secure communication and powerful computational capabilities.

Roger Penrose and Consciousness

Roger Penrose's theory of consciousness is heavily influenced by his intuitive insights into mathematics, physics, and the nature of the mind. He emphasizes that human mathematicians often arrive at insights through a deep, intuitive understanding of abstract concepts. He believes ability to "see" mathematical truths is a hallmark of consciousness that cannot be replicated by machines. He argues that while algorithms can solve mathematical problems, they lack the intuitive leaps that humans make. This non-computational aspect of human thought is central to his view of consciousness. Penrose's intuition about the implications of quantum mechanics leads him to hypothesize that consciousness may arise from quantum processes in the brain. (13) His collaboration with Stuart Hameroff proposes that consciousness arises from orchestrated events at the quantum level. This theory is driven by an intuitive sense that the brain's complexity might involve deeper physical principles. The Heart Based Resonant Frequencies (HBRF) theory of consciousness (Alabdulgader Theory of Human Consciousness) was postulated in 2020, although being based in massive experimental work, but it emphasize

the unphysical intuitive aspect of the extremely distant universal process. Three decades before the HBRF theory, Penrose emphasized that consciousness cannot be fully explained by physical processes alone, suggesting that intuitive understanding transcends mere biological mechanisms. The HBRF theory of human consciousness share Penrose that human intuition and understanding cannot be fully captured by computational systems, which rely on predetermined rules rather than creative insight. Human consciousness is not just a product of computation but a profound experience that involves deeper, possibly unquantifiable, insights. At all times understanding human consciousness requires a holistic approach that honors both rational and intuitive thought.

Brian Greene and String Theory

Theoretical physicist Brian Greene has been a prominent advocate for string theory, which posits that the fundamental constituents of reality are not point like particles, but rather one-dimensional strings vibrating in a multi-dimensional space. (14) While string theory remains unproven experimentally, Greene's work has inspired new ways of thinking about the possible structure of the universe and the nature of space and time. Subsequent developments in quantum gravity research and the search for a "theory of everything" have built upon the conceptual framework laid out by Greene and other string theorists. In each of these cases, the theoretical physicists used rational, conceptual reasoning to propose novel ideas about the nature of consciousness, reality, and the universe, ideas that later gained experimental support or inspired further research, even if the initial theoretical insights were not directly based on experiments.

Algazali Wonders of the Heart and Alabdulgader Heart Bases Resonant Fields (HBRF) Theory of Human Consciousness

Another example of a theologian and philosopher whose insights about consciousness have been later supported by scientific developments is Alimam Al-Gazzali (1058-1111) and the "Heart Based Resonant Fields theory of human consciousness" proposed by Abdullah Alabdulgader (also known as Al-Abdulgader theory of human consciousness) in 2020. Al-Gazzali had a profound understanding of the nature of consciousness and the human heart that anticipated modern scientific theories. (15) In his influential work "The Revivification of the Religious Sciences", Al-Gazzali provided a comprehensive view of the heart (al-qalb) that has striking parallels to the more recent "heart-based resonant fields theory of consciousness" developed by Abdullah Al-Abdulgader after 910 years. (16) Al-Gazzali viewed the heart as the seat of human consciousness, the "inner eye" through which the self perceives and understands the world. Al-Gazzali saw the heart as having physical, psychological, and spiritual dimensions, all of which are interconnected. Similarly, Al-Abdulgader's theory describes the heart as a multi-layered system that includes physical, energetic, and consciousness related components. Al-Gazzali emphasized the heart's capacity for intuitive and mystical forms of knowledge, beyond the limitations of rational, discursive thinking. This resonates with Al-Abdulgader's view of the heart as the source of intuition, emotional intelligence, and higher-order consciousness. For Al-Gazzali, the human heart was the locus of one's relationship with the divine, the "place of Allah (God) descent" (manzil Allah).

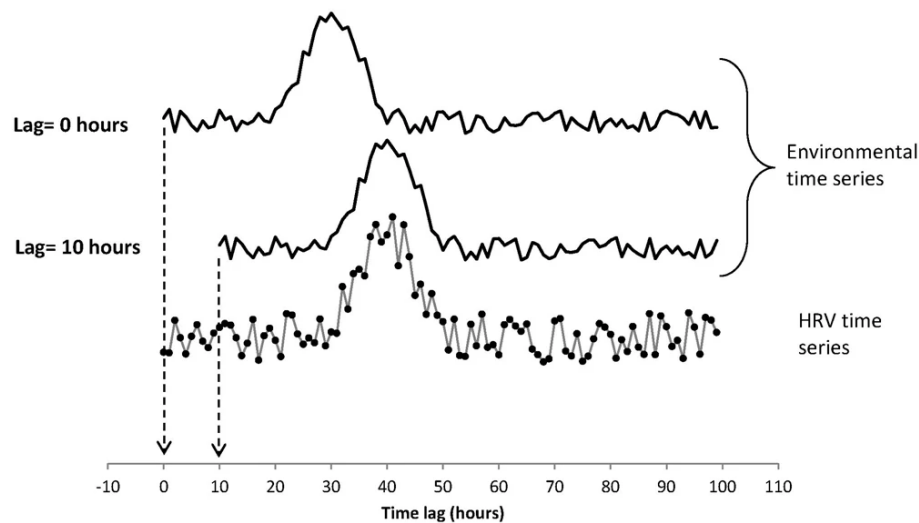


Figure 9: Contemporary evidence of Algazali's "wonders of the heart". The longest record in human history documenting the universal orchestration of human heart rate variability and universal energetic fields at three levels: Schumann Resonances, Solar winds, and Cosmic Rays. (17)

Alabdulgader's theory also acknowledges the heart's potential to connect to universal consciousness and subtle energy fields that may have a spiritual or transcendent dimension. Alabdulgader theory of human consciousness was based on the longest synchronized record in human history documenting the universal orchestration of human heart rate variability and universal energetic fields at three levels: Schumann Resonances, Solar winds, and Cosmic Rays Figure 9. While Al-Gazzali's ideas were grounded in Islamic philosophy and theology, the parallels between his conception of the heart and Al-Abdulgader's "Heart Based Resonant Fields theory of human consciousness" are striking. Both thinkers recognized the heart as a multi-faceted, consciousness-generating organ that transcends the purely physical and rational aspects of the human mind. The emergence of Al-Abdulgader's theory, which draws on modern physics, neuroscience, and consciousness research, can be seen as a validation and expansion of the profound insights about the nature of consciousness that Al-Gazzali developed nine centuries earlier through philosophical and spiritual contemplation. Algazali's definition was based on revelation, while in contrast, Alabdulgader's theory is based on long rigorous, and complex scientific experimentation and empirical observation of the human heart's responses to changes in the solar and geomagnetic environment. This theory proposes that the heart generates electromagnetic fields that interact with the broader energetic environment, which can then influence human physiology, psychology, and consciousness. This example highlights the value of integrating diverse perspectives, from ancient wisdom traditions to cutting-edge scientific theories, to deepen our understanding of the human experience and the nature of reality. This experimental validation lends credence to the spiritual and metaphysical perspectives on the heart, suggesting that revelation and scientific exploration can complement each other in advancing our understanding of the human miraculous creature secrets. Experimentation guided by revelation, as seen in the Alabdulgader theory, can lead to deeper insights and a more holistic understanding of the human experience, bridging the divide between the spiritual and the scientific.

Conclusion

We present a profound exploration of the interplay between revelation and experimentation in understanding the fundamental laws of the universe. Human consciousness, while limited in its perceptual capabilities, can be expanded through both scientific inquiry and spiritual insight. The historical debates between figures such as Ibn Arabi and Ibn Rushd highlight the enduring tension between empirical science and divine revelation. The study of phenomena like Transient Luminous Events (TLEs) serves as a compelling example of how scientific experimentation unveils the intricate workings of nature, yet also points to a deeper, unseen reality that can be illuminated by spiritual understanding. We call for a complementary approach that integrates empirical research with insights gleaned from revelation, proposing that such a synthesis could lead to unprecedented profound comprehension of both the material and spiritual dimensions of existence. Ultimately, the call is for a paradigm shift in the scientific community to embrace a holistic view that values both the empirical and the transcendent. This approach promises not only to enrich our understanding of the universe but also to foster a deeper connection with the spiritual truths that guide humanity. By acknowledging the contributions of both experimentation and revelation, we can embark on a more enlightened path toward uncovering the mysteries of life and the cosmos.

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