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# QUANTUM DIMENSIONAL INTELLIGENCE

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## Abstract

While the theory of relativity is considered to be the most important theory of modern physics concerning the macro realm, the most important theory concerning the micro realm is quantum theory. Quantum physics, which is also the subject of discussion in theology in the context of religion-science relationship, is important in terms of understanding the issues related to the metaphysical realm. This study examines whether it is possible to construct a quantum theology and reveals that a new paradigm is needed in the context of the relationship between physics and metaphysics. In this respect, this book, which we will introduce, is important in terms of understanding the relationship between quantum physics and metaphysics.

**Keywords:** Kalām, Quantum Physics, Metaphysics, Intelligence.

Today's modern physics studies have revealed a new model of the universe that changes the classical physics conception of the universe. As a result, it has been revealed that in addition to the macro universe defined by classical physics, there is a micro-scale universe that is different from it in terms of its properties. This microcosm is the world of atoms and subatomic particles (quarks) that can be explained by the laws of quantum physics. It is stated that "Quantum Physics", which we frequently hear its name in some fields in our modern world, will soon increase its competence in all areas of science, technology and human life and will cause the beginning of a new era called "Quantum Age". The work we will introduce and evaluate is an academic work written on the question of whether it is possible to construct

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a quantum theology. In general terms, this work claims that quantum physics linked to metaphysics will solve the issues that the science of physics is insufficient to explain. At the same time, the work emphasizes that the field of metaphysical intelligence is actually a part of quantum intelligence and examines the possibility of explaining the metaphysical field, which is a subject of the unseen and mysterious dimension, with quantum physics. This academic study by Prof. Dr. Ramazan Biçer and Eda Alemdar, titled "Intelligence in the Quantum Dimension", bridges disciplines by bringing together seemingly disparate fields such as quantum physics, theology, metaphysics and intelligence. The book is more than a work centered on physics or metaphysics. On the other hand, by combining quantum physics and theology, it lays the foundations of the concept of "quantum theology", which offers a different approach from traditional theology. At the same time, while discussing whether metaphysics can be explained by quantum physics, the book discusses metaphysical, paranormal phenomena and paranormal abilities on a scientific basis, considering an understanding of perception based only on the five senses as insufficient and taking into account the intuitive and quantum potential of human beings. On the other hand, the book focuses on developing a human-centered understanding of intelligence without relying on technological tools by presenting an original discussion in the field, especially on the claim of the possibility of quantum intelligence. This goes beyond the classical approaches to intelligence and considers the intuitive, highly conscious and quantum potential of human beings.

This work, which we have introduced, can be considered as a first in Turkish academic literature. Accordingly, the study has a unique place in both local and international academic literature. For this reason, it can be considered as a pioneering work in terms of both subject selection and approach. The book begins with introductory essays on "Quantum Physics, Philosophy and Metaphysics" by scientists such as philosophy professor Oliver Leaman, scientist Ziauddin Sardar, physicist writer Prof. Dr. Carlo Rovelli and physicist and educator David Griffiths, a note by journalist writer Mehmet Hakan Sancar, who edited the book, and a foreword by our authors. The book consists of an introduction and ten systematically interconnected chapters. Before starting the content evaluation, it may be useful to make a brief analysis of the title of the book. One of the noteworthy concepts in the title is the word "Quantum". Quantum, derived from the Latin root Quantum (Quantum), is a word related to measurement and means "how much", "to what extent". When used in connection with light, it is used in terms of frequency and wavelength, but it is a concept that means "subatomic particle" and is used to express the subatomic structural properties of matter. The atom, which is defined as "al-juz laa yetajazza" in the theological atomism, is the subject of metaphysics from a philosophical and theological perspective. For this reason, this subject is important for the science of kalam. The other concept is the word "intelligence". Intelligence is derived from the Arabic root "h-b-r/haber" meaning information. In a general sense, it means to be properly and realistically informed about a subject. In a special sense, it is data, sensations, information gathering and news gathering, and obtaining information from a person. In a technical sense, it is a unit center structured for the purpose of collecting information about anti-state persons or institutions inside and outside the country in order to protect the state from its enemies and the people from harm. (p.44-45) In this context, the authors emphasize that the words "Quantum and Intelligence" will be frequently used together in the future and that the metaphysical field is a field open to intelligence. They state that this situation will be a development that will serve a strong state and well-equipped intelligence structure in the future.

In the introductory chapter of the book, the authors draw a conceptual framework in the reader's mind by explaining concepts such as the unseen, metaphysics, metaphysics, parapsychology, quantum and intelligence in order to provide a basis and understanding of the subject. In the first chapter, the authors address the question of the reliability of a non-scientific metaphysics, pointing out that science has both an inspirational and supervisory role in metaphysics. However, they explain that not all sciences are based on the senses and that many of their discoveries were invented with an intuitive leap. From this point of view, it was concluded that even if metaphysics does not cover all areas of science, science covers metaphysics. This shows that 'scientific metaphysics' has come to the forefront today instead of traditional metaphysics. Thus, they revealed that issues such as religious phenomena (miracles, miracles), which are widely discussed today, can be proved in the light of scientific facts and can be explained in the quantum dimension. Thus, the deterministic view of the universe, which had previously dominated the natural sciences, was shaken by the theory of quantum physics.

In the second chapter, the authors provide evidence to strengthen the connection between quantum physics and metaphysics. According to them, there is a connection between the metaphysical domain and the quantum dimension that can be associated with the property of "entanglement". Based on this principle, they stated that information transfer can be realized through telepathic communication. In this respect, it was emphasized that telepathy is a concept with parapsychological and metaphysical dimensions, but it is also a dimension of the quantum mechanism. At the same time, the reality of quantum physics, contrary to the theses of scientists such as Descartes, Galileo and Newton, has connected the mental and physical spheres. This means that the mind has the power to affect physical existence. In short, thought, which is a kind of energy, has the ability to affect physical or non-physical objects. In response to the question of where exactly the energy of the brain is concentrated, they put forward the view that consciousness is not only in the brain but in the organs and cells of the whole body. They gave the example of people and animals without a brain and stated that the center of communication is not the brain, but consciousness, which is light. They argue that metaphysical phenomena such as inter-brain communication and telepathy are manifestations of a type of consciousness and that only people with high consciousness can realize these phenomena when appropriate conditions and environments are provided.

In the third chapter, the authors take the subject one step further by discussing the effect of the magnetic quantum field and clocks, and argue that humans, like animals, have a magnetic field. This magnetic field has the effect of increasing the oscillation motion of the waves in the human brain. In this context, there is a magnetic compass in the human brain, just like in animals, and this magnetic compass is connected to light. Although it is not mentioned in the Qur'an, the incident of Abraham's wife Hagar and his son Ishmael being left in the desert in the Torah is considered as a sign of the existence of a magnetic field in humans. With the effect of the magnetic quantum clock, the authors drew attention to the 'biological clock'. Physiological events occurring in the body have a certain time, and the human body has an emission related to the body clock depending on the fluctuation of light during the day. This fluctuation is in harmony with the human circadian rhythm. Circadian rhythm is an element that also shapes the level of consciousness. At the same time, it has been stated that the time factor has a great influence on the formation of consciousness and that the clock mechanism is important in rhythmic changes in energy

levels. In short, they state that if the magnetic clock mechanism of people with high consciousness is known, the abilities of these people can be utilized and individuals who exhibit these extraordinary abilities can use the quantum consciousness processes of their brain structures more actively. Another issue emphasized by the authors is quantum time. Accordingly, in the quantum time coordinate, the past, present and future are on the same plane and there is no temporal relationship of priority, immediacy and posteriority between them. This approach shows that time travel is possible. In religious terms, the relativity of time, which is explained by the concept of "bast-i zaman", is the same as the mirac event of the Prophet Muhammad and the example of the Seven Sleepers in the Qur'an, and many other religions have expressed that this is the same thing

In the fourth chapter, the authors inform us about what consciousness is. In this context, unlike the information processing paradigm in the classical sense, they discuss consciousness through quantum mechanical processes, light and energy transformations and state that there is a direct and fundamental relationship between the unique structure of consciousness and light. Therefore, they stated that consciousness cannot be considered separately from light. Likewise, they say that the most prominent factor of the explosion in the Big Bang theory is light. In this sense, the discovery of light can be said to have had a miraculous effect for the quantum physics era. It is emphasized that light is an important fundamental factor in human life. It is said that light enables the eye to see, the brain to perform functions such as thinking and reasoning and is also a factor that will activate human organs. Thus, it is pointed out that in order to make sense of consciousness, humans need to understand the nature of light very well.

In the fifth chapter, the authors examine the fact that all human beings, who are one with the universe, are potentially conscious, while some elite people may have a high level of consciousness. They state that human beings have a greater energy capacity than previously thought and that this dimension of human beings can only be realized by exploring the quantum dimension of the human biological structure, and by giving them the competence of higher consciousness that is present in some conscious people.

In the sixth chapter, the authors examine the possibility of quantum physics in the intellectual dimension. Here, the influence of emotions and thoughts in shaping and directing human life is emphasized. In other words, being consciously aware of situations or not is an element that affects human life. It is also emphasized that the belief in ourselves, the words we use are important in the ability to realize the power of thought and shape the external world.

In the seventh chapter, the authors state that gases create a high electric current for the brain to work and that the brain is charged with these magnetic currents in the body and brain. In this sense, a close relationship was established between gases and quantum physics. Gas molecules are composed of atoms or molecules and continue to function according to the rules of quantum physics. Indeed, the energy levels, movements and interactions of gas molecules are explained by quantum physics. Likewise, intuition has been described as a special state of consciousness and a form of action inherent in people with high consciousness. In this context, gases and intuition are important in terms of demonstrating the applicability of quantum physics.

The eighth chapter is an introduction to Quantum Intelligence. In this chapter, it is discussed whether magic, jinns, dreams that can be linked to quantum physics can provide data in terms of intelligence. In the ninth chapter, the quantum intelligence center: "Caudate and Putamen" examines how quantum mechanical activity functions and how the intuition area in the brain is linked to human intuitive abilities. In the tenth chapter, the last chapter of the book, a concluding assessment is made as to whether quantum intelligence is possible or not. However, since we evaluate the evaluation of the book in the context of the relationship between religion and science from a theological perspective, we will not dwell on the last three chapters.

In the study, quantum mechanics and classical physics are compared, and according to the classical physics view, the human being is reduced to the status of a physical being. The quantum perspective, on the other hand, sees the world as an organism, each part of which is spread over space and time. In this context, what people think and how they behave affects not only themselves but also the world. A contradiction arose between these two views, and physics tried to resolve the contradiction by discussing it with metaphysical concepts. Thus, it can be said that the confidence that science has reached the absolute and ultimate truth has been shaken and the concept of *ilm-i ledun*, mentioned in the Qur'an, has been emphasized with the donations of quantum physics in terms of Islamic thought. We can also say that quantum physics and the limits of the intellect, its ability and capacity to understand will need to be questioned again. In this sense, sources such as dream, intuition and inspiration, which are not accepted as sources of knowledge in theology, may be accepted as a source of knowledge in the future, even though they will be strongly objected by theologians with quantum physics. On the other hand, quantum physics and metaphysics have become closer to each other in the scientific framework. From this perspective, the view that there cannot be metaphysics without physics and that physics would be incomplete without metaphysics is supported. This situation has revealed the need of modern physics for metaphysics. In addition, this study shows the fallacy of the view that the occurrence of divine intervention and miracles is impossible from the point of view of modern science because it would be a violation of the laws of nature and tries to demonstrate the scientific explicability of the 'theology of nature' by saying that it can be realized in accordance with the laws of modern science. In this context, this study contains important findings in terms of establishing a connection between quantum physics and metaphysics, which is the subject of contemporary theology. At the same time, this work is an important scientific source for those who want to establish a connection between quantum physics and metaphysics.