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Alignment of Science and Technology With Islamic Principles Using Quantum Theory

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Abstract

The wave-particle duality stranges and it is in dire need. This theory is put forward method based on the Koran and complemented by rational philosophical arguments. Explaining relevant Quranic verses, as well as the one-to-one relationship between the concept of pairing and the interviewee's principle, will help explain of the electron in detail. Shows that electrons all of which reflect the behavior of the wave-particle duality observed in experiments. Although physicists consider a magnet and the existence of a magnetic field caused by the rotation of electrons, a new theory speculates that there has also been a permanent magnetic field recently. In addition, the choice of gate charge and permanent magnets can be selected as potential energy which is also considered as possible which has been observed to exist but has not been well described. Equations have been derived electrons. In this respect, Islamic science and technology seems to have demonstrated the importance of exploring the mysterious quantum world.

Keywords: Quantum Theory, Science and Technology, Islamic Science Principles

1. Introduction

The development of Muslims today is very much behind in the mastery of science and technology. This situation has long been realized by Muslims observers of science and Islam. There are two reasons for the loss of Islamic science in ancient times, namely, emerging among Muslims the belief that philosophy has been developed by philosophers and theories and scientific discoveries in science found by Islamic scholars. Because of the end brought about the development of Islam in the world in this middle age [1].

Physics is a science that studies the symptoms of nature in the scope of space and time. Physicists review the behavior and properties of natural symptoms in a very diverse field,

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ranging from submicroscopic particles that form the behavior of natural symptoms as a unity of quantum theory [2]. The known history of physics began in 2400 BC, when the Harappan culture used an object to estimate and calculate the angle of stars in space. Since then physics has continued to evolve until now. The science revolution that occurred around 1600 can be said to be the boundary between ancient thought and the birth of the classical physics paradigm. Furthermore, the physics revolution occurred again in the range of 1900 which marked the beginning of a new era of physics, namely the modern era of physics [3].

Islamic Science rules can also be done through personal initiatives with the educational process provided in a tiered and sustainable manner. Then it is necessary to instill a strong religious soul in a person from an early age. After that, the basics of religious science are taught, taught the Qur'an both in terms of reading and understanding its contents. In addition, the relationship between one science and another in general is taught. Furthermore, he studied various fields of science and expertise in accordance with the fields of interest [4].

The teachings of Islam are the normative rules that God wants as the Creator and The Omnis say in building life in this world. Allah swt created man as a caliph, the executor of His duties in the world to act according to the normative rules that He wants [5]. Allah swt makes laws both related to the universe and related to human life both individually and socially. In the face of the modern world, many technology-related problems arise, which of course requires the thought of a technology to find the answer. In this case the New Quantum Theory that Corresponds to Science and Technology with the Rules of Islamic Science [6].

In 2020 [7], research has been conducted by Yoseph Salmon with the title "Experimental Learning Methods from an Islamic perspective" conducted this research to discuss the development and exploration based on science and technology to reflect the figure of a reliable scientist. Researchers are very interested in studying this experimental method in an Islamic perspective.

Research conducted in 2019 [8] with the title "Da'wah Management In the Midst of The Development of Information Technology" this paper parses about science and technology in modern times today plays an important role and the system of application in the form of modern technology is so large, so that it is an absolute essence with the Muslims The development of science and technology is a contributing factor and inhibition of the pace of Islamic development.

Similar research was also conducted by Nailil Muna Allailiyah in 2020 [9], with the title "The Role of Science in Building Quality of Islamic Generations" this study discusses Science has always been associated with general science or science that studies worldly things only. However, Islam and science are not two conflicting strongholds, but two very unified strongholds. If we look deeper, the Qur'an presents many verses about science.

In 2020 [10], sihabussalam has conducted research with the title "Discourse of Islam and Science in Civilization towards Wasathiyah" in this study discussed in advancing his civilization accompanied by massive advances in science and technology at least affect the behavior of society both he as a religious, social, political and economic society.

"The Collaboration Between Science And Islam With The Thought of Perves Hoodbhoy" is a study conducted by Eliyah in 2020. In this study discussing the changes in science that have been in accordance with the Qur'an undergoing changes in the future is also certainly in accordance with the Qur'an. Like the absolute truth of Religion, the truth of the Qur'an is also an absolute truth. Many Muslim scholars give detailed interpretation of the verse with different perspectives, but no one uses the knowledge of the atomic structure and the nature of the particles in it. translator, as this was then relatively unknown. The verse explains the relationship of the lamp with the bright star [11].

2. Research Method

In this study, researchers used qualitative research method that focuses more on library research. Literature or text research is a study that focus on the analysis or

interpretation of written material based on its context. The Qur'an is famous as a holy book containing a lot of knowledge [12]. These sacred verses are largely allegorical, so one intuitively needs into its meaning. As mentioned exactly the true meaning of these allegorical verses, but Muslims have an obligation to give the best efforts of expert opinions or judgments to uncover [13].

Science and technology are the main elements in the advancement of human civilization towards the formation of knowledge-based society. In general, the role of science and technology is to, a) improve the quality of life and welfare of the community, b) improve the competitiveness of the nation, c) strengthen national unity and unity, d) realize transparent governance, e) improve the identity of the nation at the international level. Through the advancement of science and technology, human beings can use natural wealth to support welfare and improve the quality of life.

Here, we conduct philosophical analysis and discussion on some of the most important topics with quantum theory. As mentioned above, it includes atomic elementary particles, namely electrons, protons, and neutrons [14]. Since electrons and photons contribute to the phenomenon of light, the holy book of light is specifically mentioned and is very bright in the discussion. It is believed that the three verses in the Qur'an refer to atoms and are believed to reflect the presence of certain basic characteristics in atoms [15]. These verses can be analyzed and interpreted scientifically to extract some relevant information that helps explore the quantum world [16].

Figure 1.

The verse (4:40) reads the Lord again reminding us of a good reward that will be rewarded twice. And Allah has power over all things. For example, replaced ten times. Allah is almighty. This may hint at the properties of atoms or components associated with "double". When studying phenomena observed in the quantum world, the key to its importance lies in the duality of wave particles and atomic particles [17]. Electrons are observed as particles and waves. The author believes that this verse is specifically used to indicate the existence of two energy-related behaviors. According to the concept of pairing, these two energies act as partners in the opposite way. Two energies that exist in the form of masses in subatomic particles are inherently built into them. Little things [18].

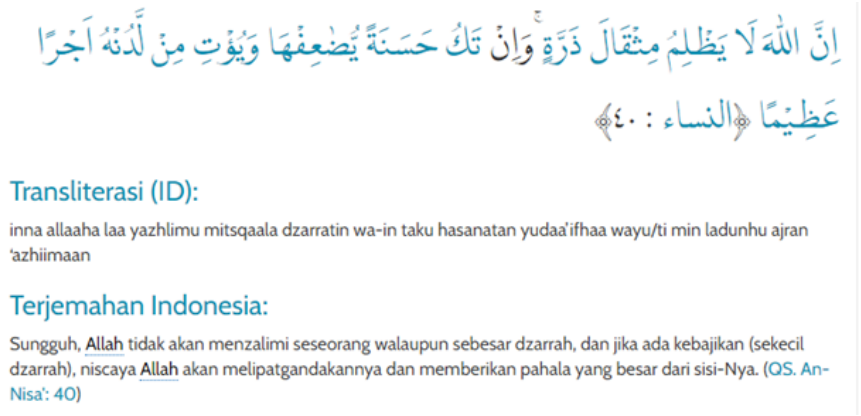

Figure 2.

3. Results And Discussions

In Islamic science, the basic principles of the Qur'an and special things that must be researched in nature are integrated and intelligently analyzed. The growth of Islamic science and technology is very rapid and the impact is very large on everyone's life. So it can be said that now every facet and stage of one's life is touched by the advancement of science and technological developments. The rules of Islamic science and technology are not simple entities because they are related to intrinsic impulses and creative instincts in humans [19].

Science and technology are not contrary to Islam, because the philosophy and the basics of theory and formula used by science turned out to be derived from the Qur'an and hadith. The Qur'an and hadith are among the main factors for developing science and applying science through technology [20].

Although many Western scientists do not believe in Islam or their original religion of Christianity, but in their lives still can not be separated from religion. They are still looking for reasons to avoid the influence of religion, with various statements and theories, but always try to turn back to religion [21].

To study in depth, we must refer to the quantum domain, where several similar functions of corresponding subatomic particles can be found. A well-known fact in modern physics is that moving electrons can produce light. Electron spins at high energy levels produce photons in the form of light. The phrase given in the paragraph may indicate the direction of a particular energy and fuel-related entity [22].

Magnets are at two poles: north and south. Although the stem magnets are cut in half, each section will behave as originally with the. Monopoles in the universe, it still hasn't worked. This indicates the possible absence of a magnetic charge. Only electrical charges exist, and the magnetic field observed in the universe is actually the action of positive and negative electrical charge pairs [23]. The magnetic field is actually created from bipolar charge. When the same process is repeated, but with a charge of positive points forming a ball, protons will form. WRepeat the same process, but in case a positive charge forms a ball, protons will form. When repeated with a neutral charge (positive and negative charges merge into one), a neutron is formed [24]. Therefore, the three main components of atoms (electrons, protons, and neutrons) are formed by manipulating positive and negative charges. Since there can only be one distance, all balls must be the same diameter or size. This is the basic structure of elementary particles in equilibrium. Each particle consists of two bipolar charge and a charged ball, except for a neutron ball consisting of two opposite charges [25].

For neutrons, the field of two opposite payloads negates each other; therefore, no electric field is generated on the surface. But the energy is still there. Otherwise, the ball can't be formed. The surface of a neutron contains more charge than the surface of the other two elements because it consists of two units of charge, thus doubling the value of electrons or protons. Due to its uniform diameter, the energy contained on the neutron surface is more compact than the other two elements [26].

In this way, there is only one electrical unit in the system. There is no other energy or force in these three different systems, only the same two charges (positive and negative) have opposite terrain directions and are arranged in a variety of possible combinations to give different effects and behaviors. Structurally, subatomic particles basically consist of two main components: a charged hollow ball and a double polar charge that generates a magnetic field. According to the concept of Islamic science, the particles are integrated into a system and act in pairs [27].

4. Conclusions

The proposed new quantum theory opens up a new field in the field of high energy particle physics. According to the principles of Islamic science and relevant Qur'anic verses, people speculate that atomic elementary particles actually consist of electrical charge [28]. A new theory is used to explain the structure and phase of the TA of each element involved in the

formation of charged balls and associated masses. This theory proposes that in addition to well-identified induction magnetic fields, there are also identified magnets. Because of these charges, the duality of the wavelength of electron particles is indicated by the magnetic field and the electric field [29].

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