

The Science of Truth: Science in Efforts to Maintain the Balance of Nature

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ABSTRACT

Science in the digital era is currently developing very rapidly, but in an effort to keep humans able to implement science, science in an effort to maintain the balance of nature requires some understanding so that the context is carried out in line with Islamic teachings and the guidance of the Koran. There are several questions that will later be known about the nature of the truth of science in an effort to balance nature, namely how is the truth as long as humans recognize the creator in all of his creations which later on is a reality that we can recognize/that we can think about/that we can explain and that we can live. Islamic Suggestions in Seeking Knowledge and Truth Through Communication of Al-Quran verses, Islam is a religion that covers all aspects of human life. Al-Quran is a guide to humans how a Muslim should live his life from birth to death. With the basis of Islam and the Qur'an, the development of science, science in an effort to maintain the balance of nature which requires us to play a role in it is a logical truth and can be used in social life dynamically and peacefully for the benefit of the people.

Keywords: *science of truth, science, balance of nature.*

INTRODUCTION

Humans as creatures who throughout their lives are always in contact with physical and non-physical experiences. It is this experience that humans reconstruct with their creativity into knowledge that solves life's problems. Human creativity is a manifestation of the meeting of a number of external and internal variables in one's life journey (Sak & Maker, 2006: 285). Humans continue to develop and learn from past experiences that are adapted to the dynamics of changing times. It is human creativity that underlies the institution of truth formed as human knowledge advances. There are 4 (four) truth institutions, namely religion, art, science, and philosophy, each of which has its own paradigm in seeking and revealing the truth. This is in accordance with Karyono's statement (2014: 139) that this institution of truth has similarities, points of difference, and points of tangency with one another. This means that the truth that is conveyed in an institution has a relationship with other institutions so that it is very possible for there to be harmony and also conflict.

Science, science is now very easy to learn through the development of the increasingly advanced and rapid technological era in the social sphere, technology is now very helpful in the development of a person to interact with each other. Technology is part of the lifestyle of people around the world to seek information from each other and absorb existing information. The information provided is very important for the progress of thinking of the community itself. Technology-based education in this case is very important to support learning activities. The development of information and communication technology has brought enormous changes to the progress of the world of education. Along with these developments, learning methods have also experienced many developments, both personal learning methods and the learning process. The process of learning physics requires scientific literacy skills. This is very important in order to train students to actively seek information, identify problems scientifically and draw conclusions according to facts (Insani and Sunarti, 2018).

As an important part of human life, science has developed rapidly since the 19th century. Since then, people have made many important experiments and discoveries. Previously, this science had undergone various relay revolutions in various countries such as Greece, Arabia, India, China, Europe and America. From the end of the 19th century to the present (21st century), the torch of science is in the

Western world, enabling them to master the progress of science and technology today. But that does not mean ignoring the potential of Muslims, because we still have a holy book that is always holy, Al-Quran al-Karim, which also contains many scientific secrets.

The environment plays an important role in the balance of nature around the world (Ahmad, 2010; Effendi et al., 2020). The importance of the environment has a direct impact on human survival (Laurensius Arliman S, 2018; Setyobudi & Marsudi, 2018). The living environment consists of abiotic and biotic environments. Renewable biotic environments such as animals and plants have a serious impact on the existence of ecosystems. Humans exploit ecosystems to take existing natural resources as the basic capital of current technological developments. Natural resources on earth are very diverse, both those that have been discovered and those that are still in the research stage. Among them are natural energy resources such as: new rock or known fossil fuels, geothermal (geothermal), solar heat, wind, water, and the rest of weathering plants or biomass.

In interpreting life, we take an article about the wetu telu of the bayan community, which has its own philosophical concept where the concept has been contained in the name of metu telu, namely believing that there are three life cycles where the cycle is called Mentanaq, Menteloq, and mentioq. From these three cycles, all living things reproduce with their own natural processes and structures or their respective natures. For example, trees will grow or be born through growing from the ground and become big trees, this process is then believed that forests like woody plants that are in them have the right to live and humans are given the opportunity to maintain and protect them so that humans can benefit from the forest.

METHOD

This study uses a philosophical approach, in order to reason systematically and compile data from a certain point of view (Irawati 2013). This type of research is library research, namely research carried out by studying library materials, including books, encyclopedias, journals, magazines & other related literature using the main discussion or case being studied as a data source (Hadi 2005). As a support, the researcher also conducted interviews with related parties which were allegedly able to provide the additional data needed.

In connection with the source of data in this study is library research, then the required data comes from sources contained in the literature. The data that was obtained was collected and presented in this article by citing it, either directly or indirectly. Because this research is based on the study of the analysis of the interaction of science and technology in an effort to maintain the balance of nature, the analysis method that the author uses is a qualitative normative method, considering the type of data, the types of data analyzed using descriptive analytical methods and deductive methods.

RESULT AND DISCUSSION

Science or knowledge is an important matter in human life. With knowledge, humans can distinguish between right and wrong things. Humans are special creatures with unique intellectual powers. In Greek society, people who love knowledge are called philosophos. Pythagoras was the first person to use this term who described himself as a lover of wisdom. From this term the words philosophy and philosophy were born. Philosophy is a broad branch of science. Philosophy is associated with critical, comprehensive and integral thinking activities (Lhatif, 2021).

Imam al-Ghazali is one of the famous Islamic figures in the field of philosophy. He was dubbed Hujjatul Islam. His name is Muhammad bin Muhammad bin Muhammad bin Ahmad al-Ghazali al-Tusi from Khurasan, Iran. He is better known as al-Ghazali because it is attributed to the work of his father, a weaver, namely al-Ghazzal. In the book Mukhtashar Ihya 'Ulumuddin, Imam al-Ghazali mentions four types of people as quoted from al-Khalil bin Ahmad. The former refers to a person who knows and he knows that he knows. The second is a person who knows however, he does not know what he knows. The third refers to a person who does not know and he knows that he does not know. Fourth is the person who does not know and he does not know what he does not know. There is also the first category refers to people who are knowledgeable or pious. Imam al-Ghazali said follow people like this. The second category refers to people who sleep. Imam al-Ghazali said, so make them aware. The third category is those who are aware of their own shortcomings so teach and guide them. The fourth category refers to stupid people, so beware of such people.

Result

The truth of science in an effort to balance nature is how the truth is as far as humans recognize the creator in the whole nature of his creation, which later is a reality that we can recognize/that we can think about/that we can explain and that we can live. But what about God. Humans with their minds are able to think about God, can recognize him and can think about him. However, this does not indicate that humans with their minds are able to recognize God perfectly. God is the Truth itself, He is above reality. Allah is the Truth from whom all that exists flows and partakes from Him. Humans are not able to reach the true understanding of God. Thomas Aquinas said that the pinnacle of man's quest is to unite himself with the true Truth, namely God. Uniting oneself also indicates that humans will always have an orientation to God or an orientation to the truth itself (Christian et al, 2021).

Islamic Suggestions in Seeking Knowledge and Truth Through Communication of Al-Quran verses, Islam is a religion that covers all aspects of human life. Al-Quran is a guide to humans how a Muslim should live his life from birth to death. Al-Quran is a medium of communication between the Creator and His creatures, humans. With the human mind is able to understand and absorb the teachings, and guidance conveyed through the holy words. Through these holy verses Allah communicates with humans about the recommendation to seek knowledge to seek the truth as stated in Surah al-Alaq:

"Read by (mentioning) the name of your Lord Who created (1), He has created man from a clot of blood (2) Read, and your Lord is the Most Gracious (3), Who teaches (humans) by means of kalam (4). He teaches man what he does not know (5)."

The command to read is an order from Allah SWT and a form of affirmation, namely reading in the name of God, namely Allah with His nature, the Creator. The fourth verse 'al-kalam' refers to the word or verse of the Koran which is a tool or medium for developing knowledge (Lhatif, 2021).

There are verses in the Qur'an that encourage humans to live and think about the creation of nature because it is evidence of the power, wisdom and mercy of Allah to humans. In Surah al-Jathiyah, verses 3-6 and 12-13 mention the signs and proofs of Allah's power over all creation in the heavens and the earth to those who believe (believers), those who have faith in Allah and those who think use reason to be a grateful servant.

In Surah Ali-Imran verses 190 and 191, the Qur'an also mentions people who are intelligent (ulul albab), namely humans who use intellect with certain characteristics, namely people who always remember Allah and think about Allah's creation under any circumstances. good when standing, sitting and lying down.

On the other hand, religion is a revelation that Allah sent down to humans. The presence of religion does not come "empty", but brings treatises, knowledge and guidance for humans in their activities. The treatise, guidance or knowledge he brought, sometimes cannot be explained logically. This means that humans cannot penetrate it with their intellect and thoughts. Likewise, in Islamic teachings, the Qur'an is the basic source of Islamic law and the bearer of truth, providing a variety of knowledge and guidance for one's activities, which are often beyond the reach of human thought and reasoning. Al-Qur'an on the other hand actually challenges and gives a noble position for its people who use their reason and reasoning to gain knowledge, as QS. Al Mujlah, 58:11.

Discussion

Islam is a religion that preaches about science and religion are two things that are mutually sustainable. Religion is the basis of science, which is a place to actualize all things regarding religious teachings. Many verses related to science, this at the same time shows that Islam carries a religious message about the importance of developing knowledge. Al-Quran as a source of law for Muslims provides a fairly clear direction in all the activities of its people, including in analyzing or thinking about all aspects that exist in the universe. Surah Al-,Alaq (1-5) are the verses that were first revealed, that is, when examined more deeply, these verses will have deep meaning for science.

In the context of science, people who do not know and are not aware of their shortcomings or ignorant of murakab are the losers. It is even worse if he thinks he knows while what he knows is not true or false. People like this find it difficult to be humble in accepting something of knowledge or truth. In philosophy he is included in the error of thinking or falasi. The argument or evidence presented is not or has not been able to knock on the person's consciousness and has not been able to change his view on a matter or the truth. Maybe because the ego is too high. For example in the current issue of immunization and vaccination.

The concept of science in Islam is different from the concept of social science and other civilizations because the source of knowledge comes from Allah SWT. Al-Quran and hadith are the pinnacle of knowledge for Muslims. The search for knowledge will be more meaningful if it is based on Allah SWT because only with the grace and love of Allah SWT alone can humans master something science. This is because the search for knowledge does not only depend on the intellect (rational reason) and empirical studies alone. Verily, Allah speaks to humans through the intercession of the Qur'an. Only humans who use reason, are close to Him and receive His guidance are able to understand the secrets of the Qur'an which is the source of knowledge.

An example like this, we take the example of a science boarding school that links creed and the real life of the universe (science). Muslims believe that all knowledge in general comes from the Creator, Allah SWT. The sources and laws of Allah cannot contradict the Qur'an, especially the verses of the Kauniyyah (nature/science). Islamic boarding schools have a passion to prove that there is no contradiction between religious knowledge and general sciences or science. In fact, the two are closely related and related. Before the Qur'an came down, the ancient Greeks had discovered theory and science, but it was still based on reason and senses, namely the geocentric theory that the earth is the center of the solar system, while the other planets surround the earth, and it turns out that the earth is revolving around the sun which rotates on its axis. .

The Qur'an is the initial guide where humans must seek their potential, seek the truth of the creed and connect it with science with very simple media. After the Qur'an came down, it changed and raced with the Qur'an and science. Although there were not many discoveries at that time, but at that time, Muslim scholars were very critical, such as Al Farabi, Ibn Sina, al Kinder, Ibn Rushd, Al Ghozali and so on. Even all these Muslim scientists, do not rule out general knowledge and logic with religion, even though they are more experts in the field of religion. So from there emerged the interaction between religion and science.

After we know the relationship between religion and science, it is very easy to find a common thread, why we as Muslims are required to take over the role to ground the interaction between religion and science. Pesantren is an Islamic-based institution and is the oldest educational institution in Indonesia. It has been passed down from generation to generation and has contributed greatly to the spread of Islam, to the independence of this nation. As time goes on, the world changes, and of course Islamic boarding schools must be able to run and take over the process, to develop science, not only religious knowledge.

Islam through the Qur'an as a universal, comprehensive and qah'ti source of religion, contains scientific cues and directions that encourage people to think logically, do qira'ah and also istiqlal. This shows that philosophy and religion are closely related. The Qur'an encourages its adherents to meditate a lot, think deeply and use their minds, because in it there are many stimuli to conduct studies in various fields. Quraish Shihab (1992: 41) quoting Al-Ghazali said that all branches of science in the past and in the future, both those whose secrets have been known and those that have not.

CONCLUSIONS

Humans were created with the gift of reason and mind that distinguishes them from other creatures. This is what makes humans able to create and develop in line with the thoughts developed by humans. Through the human mind and mind, theories, studies and science are born. It is through reason and thought that humans can determine the truth, and the pinnacle of truth has been contained in the teachings of the Qur'an if humans want to study the essence of the kalamullah. With the basis of Islam and the Qur'an, the development of science, science in an effort to maintain the balance of nature which requires us to play a role in it is a logical truth and can be used in social life dynamically and peacefully for the benefit of the people.

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