

Qur'an and Astronomy, Description of the Universe in Qur'an

Tursunkulova Shabnam Abdujabbarovna, Yuldashova Bonu Aybek qizi*

Student, Physics and Mathematics Faculty, Direction of Physics Astronomy Teaching Method, Tashkent State Pedagogical University, Tashkent, Uzbekistan.

Email: miss.durdast@gmail.com*

“Which of the mercies of your Allah do you consider a lie?” (Qur'an, Surah Ar-Rahman (55), 13-77)

Abstract: *When it comes to the Qur'an description of various particulars of astronomy, one can hear from Western critics that there is nothing unusual in them, since important astronomical discoveries known to the Arabs were made by Europeans. This erroneous statement is based on ignoring historical facts. Astronomical science has developed in the Arab world long before the revelation of the Koran. The oldest names of stars arose among people who lived on the Arabian Peninsula long before the advent of Islam. But not a single scientific knowledge of pre-Islamic civilization described the Universe better than it was done in the Qur'an. From all the variety of information on this subject, we dwell only on some facts.*

Keywords: Qur'an, astronomy, sun, solar system, universe, light, stars, moon, earth.

INTRODUCTION

The Qur'an contains a large number of thoughts about the universe. The verses of the Qur'an, telling about the Creation of the world, carry within themselves the general idea of what is in Heaven, i.e. about everything that exists outside the Earth. In addition to the verses, relating exclusively to the Creation process, the Qur'an contains approximately forty verses containing a number of additional information on astronomy. Some of them are nothing more than reflections on the glory of the Creator, the Actor of all stellar and planetary systems. We know that these systems exist in the Universe in a state of equilibrium, which is explained by Newton's law of universal gravitation.

The first verses quoted here hardly contain enough information for scientific analysis - they are intended only to indicate the Almighty of God. However, they simply need to be mentioned in order to give a real idea of how exactly the organization of the Universe is described in the Qur'an, which appeared fourteen centuries ago. “Thus, the Qur'an is a reminder for all of humanity right up to the Doomsday. It contains information that a person gradually reveals i.e. Each message has its own set time. Since the Quran was revealed by God, each individual verse was sent down with the knowledge of Allah: And Allah testifies that He sent what He sent to you according to his knowledge ” (Qur'an, Surah “ An-nisa ” (4), 166) [5].

MATERIALS AND METHODS

“Allah, whose messengers call you to the truth, faith on the Day of Judgment and retribution. Allah is the Creator and Creator of the Universe. He created the heavens and the earth in six days, according to His countdown, and established His perfect authority on them. He closes the night at night, which are constantly replacing each other according to the order established by Him. Allah created the sun, moon and stars, subordinate to His authority and moving according to His will. Allah alone belongs to the creation of everything and power over everything. Blessed be Allah, the Lord of the worlds, all the inhabitants, and all that is in them! ” (Quran, Surah “pregrad”(7),54)[1].

“And you will see that the mountains, which you considered motionless, will move like clouds. This is the creation of Allah, who fulfilled everything perfectly. Verily, He knows what you are doing ” (Qur'an, Surah An-Naml (27), 88). “He is the One who created night and day, the sun and the moon. Everyone is floating in orbits”(Qur'an,Sura“Al-Anbiya”(21),33).

Having restored the modern concepts of the formation of the Universe, we talked about its evolution, the starting point of which was a gas and dust nebula. Then there was the formation of galaxies, stars, and in the case of the solar system - the emergence of planets descended from the sun at a certain stage of its evolution. Modern data lead us to the conclusion that the process of evolution of the Universe, in general, and the Solar system, in particular, is still ongoing. Anyone who is aware of these theories can compare them with certain provisions of the Qur'an, which indicate in what exactly the Omnipotence of God is externally manifested.

The sun is a star whose age is estimated by astrophysicists to be approximately 4.5 billion years. We can distinguish the stages of its evolution, as, however, of all stars. Currently, the Sun is at an early stage of development, which is characterized by the process of conversion of hydrogen atoms into helium atoms. Theoretically, this stage should also last the next 5.5 billion years, which is clear from calculations that assign the initial stage of evolution of stars of this type to 10 billion years. It has already been proved earlier that for other stars this stage goes to the next, which is characterized by the completion of the process of conversion of hydrogen into helium. This leads to the expansion of the outer surface layers and cooling of the star. At the final stage of evolution, the light of the star greatly weakens, its density increases significantly. This process can be observed in those stars that are called "white dwarfs" [6].

“And the sun is flowing to his abode. Such is the establishment of the Glorious, the Wise!” (Qur’an, Surah “Sad” (38), 36).

RESULT AND DISCUSSION

“Allah ... subjugated the Sun and the Moon: everything flows to a certain limit ...” This sentence is found in the Surah “Ar-Raad” (13) 2; Surah “The Luckman” (31) 29; Surah “Fatyr” (35), 13 and Surah “Az-Zumar” (39) 5. “The sun is swimming to its abode. This is the predefined by the Mighty, Knower. For the moon, we predetermined the [different] states until it becomes curved, like a dried palm branch” (Qur’an, Surah “Yasin ” (36), 38-39). “He created the heavens and the earth in truth. It covers the night by night and covers the night by day. He subdued the sun and moon. All of them move to the appointed date. Verily, He is the Mighty, Forgiving ” (Qur’an, Surah “ Az-Zummar ” (39), 5).

“Didn’t they look at the Sky above them, how We raised it and decorated it, and there are no crevices in it?” (Qur’an, Surah “The Luckman” (31), 10). “He built Heaven without visible supports ...” (Qur’an, Surah “Ar-Raad” (13), 2). “Allah is the One who raised the heavens without the supports you would see, then established himself on the throne and subjugated the sun and moon ...” (Qur’an, Surah “Ar-Rahman” (55), 7). “... And He holds the Sky so that it does not fall to the Earth except with His permission ...” (Qur’an, Surah “Al-Muminin” (23), 86) [3-4].

It is known how the enormous remoteness of stars, proportional to the magnitude of their stellar masses, determines their equilibrium position in the Universe. The farther away the stars, the weaker the gravitational forces between them. The closer they are, the stronger this gravity. The same applies to the Moon, located near the Earth and exerting influence on it, described by the laws of gravity. Due to lunar gravity, the sea water level changes - there are ebbs and flows. If two Heavenly bodies come very close to each other, their collision will be inevitable. However, this does not happen. Thus, a certain order in the Universe is the first condition for maintaining balance in it [2].

“Blessed is the One who arranged the constellations in Heaven and arranged there the lamp of the Sun and the shining Moon” (Qur’an, Surah “Nuh” (71), 15-16). The sun is "radiance" ("diya"), and the moon is "light" ("nur"). Such a translation seems more accurate than others, where the two terms are rearranged (“Sun” there is “light” and “Moon” is “radiance”). In fact, the semantic difference is small, because the word "diya" comes from a word whose root consonants are "dv", which, according to the authoritative Arabic-French dictionary of Kazimirsky, means "to be bright, to shine, to shine like fire." The same author translates the noun "diya" as "light."

“Do you not see how Allah created the seven Heavens in rows? And he made the moon a light on them, and the sun made a lamp ” (Qur’an, Surah “ An-Naba ” (78), 12-13).

REFERENCES:

[1] “Hadith and Life.” The book of intent, iklas and knowledge. Volume 3, Sheikh Muhammad Sadyk Muhammad Yusuf, Tashkent, 2013.

[2] “The Dignities of Reading the Qur'an Suras,” Dr. Ibrahim Ali al-Sayyid Ali Giyisa, Dagvat Publishing House.

[3] The Miracles of the Qur’an, Andan Oktar (Harun Yahya), 2002.

[4] “IZHAR UL HAQ (SENT TRUTH)” Proof of the Divine Origin of the Quran and the Authenticity of the Hadith, Maulana M. Rahmatullah Kairanvi, Iman Publishing House Kazan - 2004/1424

[5] www.islom.uz

[6] www.ziyouz.com