

PARAMETERS OF TIME IN HOLY BOOKS



According to the theory of relativity, space and time are a unified whole. Space is three-dimensional, and time is the fourth dimension, or the fourth coordinate. But this is a special coordinate. **We can measure one or two spatial coordinates, but without the time coordinate they lose their meaning.** Thus, the concepts of space and time make sense only if they are considered jointly.

The coordinate of time connects all events taking place in the physical world, but represents an abstract value. This absolute value belongs not to our world, but to the other, opposite one, and has an imaginary value in our world. It is not by chance that creating his theory of relativity, Albert Einstein took the measurement of

time $sT = -1$ by the great scientist and thinker of the East al-Jabr as a basis, and then described the fusion of space and time. Professor Kozyrev noted that **time is also energy. To synthesize the two values - the coordinates (measurements) and time it is necessary to develop a theory of three-dimensional time**, according to which a template that has the length a in ordinary space gets the length $-a$ after absorption by a "black hole". The first measure a is absolute, i.e. may be specified in the same table, while the measure $-a$ is abstract, and its value is measured in hours (1).

The expression that time is energy means that the "temporary measurement" (coordinates), which is perceived as a field, is not unilinear. For example, if we

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are talking about the square of the speed of light, then we have to consider the values km^2 and s^2 . This also means **the probability of the existence of negative values of the measurement of space, which already reveals the concept of “energy time”**.

Time and space are material measurements, but time is a value associated with movement and dynamism. Without movement and without variability there is no flow of time. The absence of time in geometric space does not express anything. Therefore, the concepts of space and time are considered together. The spatial coordinates are stable while the time coordinate is variable.

According to Einstein’s theory of relativity, **if a body accelerates to a speed close to the speed of light, its geometrical parameters shrink and approach zero. This confirms the idea that matter is a special form of energy, or rather the substance is compressed energy and energy is rarefied material**. At the same time, the flow of time becomes variable and decreases. Consequently, time varies depending on the parameters of matter, which is due to the fact that the limits of relative velocity are exceeded, creating the relative time we have accepted. Thus, the parameters of time are connected with space just like the parameters of space are connected with time. Therefore, **time, affecting quanta, falls under the effect of gravity**. It follows that parameters of time must be different in the microcosm (Hilbert space) and the macrocosm (Riemann space). Figure 1 gives an idea of this.

Now let’s take a look at some features of the anti-world, in which time works the opposite way. As is well known, in the anti-world parameters of space have a negative, imaginary value, while time flows back in



comparison with the universe. On the other hand, the smaller the anti-world, the greater its “straight” world. Between these worlds there is a transitional point at which the flow of time is zero, in other words, life is infinite. This point does not belong to the world, or the anti-world. This is indicated by a point under the letter b, which is referred to in the treatise of the Muslim Imam Ali “Path of Eloquence”.

According to modern concepts, time is a value that characterizes the dynamism of the system that is in motion in relation to other systems, which can be characterized as absolute rest. However, for any system, there is an inverse relationship between the temporal flow and dynamism. The thing is that, **according to the theory of relativity, the greater the velocity of the movement of any system in relation to another perceived as rest, the weaker the flow of time in this system**. Therefore, to determine the relative measurement of time, one or another moving system uses factors characterizing its periodic mobility. As an example, we will cite the movement of the Earth around the Sun and around its axis, the rotation of the Moon around the Earth. In this regard, the 12th verse of the Koranic sura Al-Isra (The Night Journey) reads: “*And We have made the night and day two signs, and We erased the sign of the night and made the sign of the day visible that you may seek bounty from your Lord and may know the number of years and the account [of time]. And everything We have set out in detail.*» (2).

The flow of time between the two systems at rest is zero. The emergence of movement in one of these systems causes a temporal flow between them, which **once again confirms the thesis about the existence of the energy of time: the flow of time begins**





from the movement that represents a form of manifestation of energy.

The unity of the particles that form an atom, with all the difference in their masses, logically supports the thesis of the existence of the human soul and the unity of body and soul. It helps to understand the miraculous background of the moving of the Prophet Muhammad from Mecca to Medina.



Sanctuary of Ashabu Department in Nakhchivan

So, if we accept the spherical shape of the universe, it turns out that all the galaxies revolve around some fixed center. Thus, any point in the universe is moving in relation to the center as part of one of the galaxies. **The relative velocity of these points creates a relative measurement of time in appropriate spaces.** For example, the Milky Way galaxy, in which we are, is moving at a speed of 2 million kilometers per hour. Or the solar system is moving towards the Leo constellation at a speed of 400 kilometers per second.

From the thesis that the universe revolves around one single centre follows **the provision about the existence of absolute time and that one day in this center is equal to a thousand years by our usual calendar.** This was clearly stated in the holy books of all monotheistic religions.

The Torah, Psalms 90-95: *“For a thousand years in thy sight are but as yesterday when it is past, and as a watch in the night”* (3).

The Bible, the Second Epistle of the Apostle Peter, chapter 3, 8: *“But of this one thing be not ignorant, my beloved, that one day with the Lord is as a thousand years, and a thousand years as one day”* (4).

The Koran, Al-Hajj (The Pilgrimage), 47th verse: *“And*

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they urge you to hasten the punishment. But Allah will never fail in His promise. And indeed, a day with your Lord is like a thousand years of those which you count" (5).

The Koran, As-Sajda (The Prostration), 5th verse: "He arranges [each] matter from the heaven to the earth; then it will ascend to Him in a Day, the extent of which is a thousand years of those which you count" (6).

Thus, in space, time flows 365,000 times faster than on Earth. For comparison we will have to use the indicator of 1 year = 365.25 days.

So, one cosmic day is equivalent to 1,000 Earth years or 365,250 Earth days. Consequently, one cosmic hour is equivalent to 15,218.75 Earth days, one cosmic minute to 253.646 Earth days, 1 cosmic second to 4.22743 Earth days.

As you can see, the holy books of the leading world religions also point to large differences in time in different parts of the universe. The 25th verse of the Koranic sura Al-Kahf (The Cave) reads: "And they remained in their cave for three hundred years and exceeded by nine" (7). If we translate these 309 years into cosmic time, it turns out that the people in the cave slept for 7 hours and 41 minutes.

It is also noteworthy that in this verse, the addition of another nine years to the 300 years is due to the transition from the Gregorian calendar to the Islamic Hijri calendar by the lunar calendar. It is known that **in the Gregorian calendar one year lasts 365 days, and in the lunar calendar - 355, and the ratio between these numbers is exactly equal to the ratio of 309/300**. We can therefore conclude that this verse was based on the Gregorian calendar, and then adapted to the lunar calendar.

Near the Azerbaijani city of Nakhchivan there is the well-known Ashab ul-Kahf cave, which means "people of the cave". A closer look at the surrounding countryside shows that the rocks appeared to be carved by water here and have taken a cylindrical shape. In addition, the rocks are magnetized and there is quite a strong electromagnetic field around, in which, according to some estimates, some kind of windows in time may appear as was the case during the famous experiment in Philadelphia on 23 July 1943. During the experiment, the Eldridge vessel found itself in a time tunnel that emerged as a result of a distortion in space and time caused by strong electromagnetic waves and disappeared (8).

The 4th verse of the Koranic sura Al-Maarij (The Stairways) reads: "The angels and the Spirit will ascend



to Him during a Day the extent of which is fifty thousand years" (9). It follows that angels fly at a speed of 550 million kilometers per second, or 1,835 times faster than the speed of light recognized as maximally possible in the physical world. This number is close to the ratio of the mass of protons and electrons that have the same load but different signs. This fact provides grounds for comments regarding the ascension of the Prophet Muhammad. ✨

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