

MUNK TENGERY AND HOLOGRAPHIC UNIVERSE

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ЭЦЭГ ЗӨН хэмээн юун бэ гэвээс:

Бөө гэгээн тархинд ТНГР-ийн хувь, удамшил зөв гучин таван Дэм билээ

Төвшин сайхныг тогтоож, төвгийг засахуйн есөн зуун тавин сэхээрэл билээ

Түмэн жилийн өнгөрснөөс мянган жилийн ирээдүйг байгуулдаг одоо билээ

Мянга дөрвөн зуун гучин нэгэн мэргэшлийг агуулсан Нүүдлийн СОЁЛ билээ

Сорхагтани Бэжүни

Abstract: In this essay, in the light of the Holographic paradigm, the ancient Mongolian nomadic worldview-Munk Tengery is considered. Prominent physicist D. Bohm suggests a paradigm of holographic universe [1], on the basis of the most fundamental experiments of XX century[2]. According to the holographic paradigm, seemingly solid-looking materials and separateness of things surrounding us are fully illusory, and all realities in the universe are infinitely interconnected and implicated.

The Mongol Empire, which emerged and existed for a few hundred years in the Eurasian steppe, was found to be unacceptable in the western world because in its worldview, Munk Tengery, there were no rational faculties or civilizational heritages[3,4] left by the nomads. In the history of mankind, when an Empire ruled, its civilization reached the highest levels [5-7]. Moreover, the meaning of Chinggis khan's frequent declaration that the power of Munk Tengery has multiplied mightily for creating the Great Mongol Empire needs to be cleared [8]. It is well known that nomadic shamans in the state of ongod (ecstasy) may get in touch with information and events relating to the interrelation of nature, society, and human life, belonging to the time periods of past, present and future.

Here a hypothesis suggests that nomads who have scattered all over the wild steppe, suffering permanently under unpredictable changes of nature conditions, had integrated to the holographic whole of the Universe in their lifestyle and economic production, in body and mind [9]. Shamans' teachings spread out among nomads all over the steppe, and became an oral system of intuitive science, called Munk Tengery. Nationwide progress of the Munk Tengery had served as the basis for the unification of nomads into the Heavenly state, formed and strengthened under the Heavenly rule that gave to nomadic nations the peculiar power of the Munk Tengery.

Key words: holographic paradigm, nomadic civilization, paradigm shift, quantum wholeness, direct perception

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Problem of nomadic civilization. In this essay, the ancient Mongolian worldview-Munk Tengery-is considered in the light of conceptions of quantum physics and synergy. To this day, the true mystery of nomadic civilization remains, in my opinion, unsolved, except for the recognition of the black legend fallacy [3,4]. Solving the problem is not limited to the history of nomads. It is also equally associated with the common root of the origin and the evolution of human beings, and is an inseparable part of the whole, involving material and spiritual realities in the universe.

Fundamental experiments. The emergence and the existence of empires are fundamental experiments in the history of mankind. The empires of the Huns, Turks and Mongols are undeniable evidence of such experiments in human civilization.

Overcoming the thresholds. The necessary and sufficient condition for forming powerful empires is for these nomadic tribes to achieve the highest level of civilization of their time. There is no doubt that the above-mentioned nomadic empires achieved these conditions. If you look deeper into the creation of an empire, nomadic tribes have to pass through certain barriers: reaching a certain level of production to provide basic human needs and military capabilities, developing a capacity to form a state and to rule, and achieving a high level of cultural and social advancements. Thus there is no doubt that the abovementioned empires have formed by overcoming these "high" thresholds.

From this idea, a question arises: what was then the root concept of Western science? There is a false hypothesis-the black legend-in Western social sciences asserting that the founding of the Mongol Empire owes to the conquest of Christian Presbyter John [4a]. Therefore, the hypothesis has been invented in contradiction to the abovementioned historical truths. On what ground was this done?

The Black Legend. In the Middle Ages, Western scientists performed a study to reveal the secret of the success of nomadic states. Their extensive research has led to the conclusion that nomads are merely barbarians, and have no rationality, and that they left behind no traces of civilization [4b]. This "fundamental" rationality has served as the firm basis for inventing the black legend. It's unfortunate that Western people have believed such nonsense for more than 500 years [4b].

For eternity, scientists have always searched for genuine solutions to problems. From this, a question needs to be cleared: why did Western researchers believe in the black legend, going against fundamental truths already established in history?

The patronage of Munk Tengery. Chinggis Khaan told his commanders: "...Now, by the strength of Eternal Heaven, my power has been increased by Heaven and Earth, ..." [8]. What is Munk Tengery (Eternal Heaven) and its strength? Do we believe or disbelieve Chinggis Khaan? If this power is a real phenomenon, why was it a mystery to the sedentary peoples of both the West and the East?

Munk Tengery stems from shamanism, formed by the integration of nomads with the material and immaterial realities of the universe. It is well known that shamans are able to handle "... spirits of the dead, e.g. his ongon (spirit), or the spirits of nature (i.e. earth-etugen)..." [4c]. Shamanic rituals are carried out before an audience, and play a crucial role in the formation of intuitional feelings and its wide-reaching comprehension was present throughout nomadic world. Thanks to the accumulation of such "intuitive" information, the nomads become accustomed to the law of nature. As a result, the worldview of Munkh Tengery was formed. Thus, Tengery represents the whole connection of material, immaterial, and spiritual realities of the Universe. Munkh Tengery is not a religion; it has no God or Devil, but it is a world order independent of human beings [4d]. Therefore, it represents the proper science of nomads that has arisen beyond the "rational science" of the West.

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Paradigm Shift. By the end of the twentieth century, through the development of quantum physics and synergy, the paradigm of science has significantly shifted [5]. From the perspective of the new paradigm, the material world that we see and deal with in our daily life is not the true reality, but an illusion. It only represents the “shadow” of authentic reality of the Universe [1]. Tangible and intangible realities are parts of the whole universe.

Chaos and Consciousness. The development of synergy has established that all systems are subjected to a nonstop evolution, provoking unpredictable changes and confusion. This leads to chaos. When a system loses its determining state, its structure becomes seemingly disorderly and unpredictable. Minimal changes in initial conditions lead to dramatic differences in yield. A hurricane may serve as a visible example of the chaotic system.

Chaotic systems turn into more ideal forms and structures through the self-organization progression [7]. Hence, chaos only approaches ideal forms and structures. Therefore, this points out the irreversibility of evolution in the universe. This should be understood as a purposeful choice of the future. So it may be assumed that chaotic evolution creates the mind or consciousness. In this relation, it should be stressed that chaotic processes in the universe play the main role for generating the whole spectra of cosmic consciousness or the eternal spirit from the beginning of the Big Bang up to the present.

The Experiment of the 20th Century. In 1982 Allan Aspect (Paris University) and his colleagues [2] performed a fundamental experiment. They demonstrated that at certain conditions, subatomic particles (such as electrons) are able to instantaneously communicate with each other regardless of the distance separating them. It doesn't matter whether they are 10 feet or 10 billion miles apart, the signals sent are shown to be instantaneous. This experiment violates Einstein's postulate that no communication can travel faster than the speed of light; therefore this breaks the time barrier.

Holographic Universe. At the present, 3D holographic projections are widely used in practice. Holographic plates are prepared by using nonlinear superposition of coherent laser beams, inserted directly and reflected from objects. When the holographic plates are exposed by the laser beam, a 3D picture is revealed. The peculiarity of holograms is that if the plate should be broken into pieces, the whole picture could still be seen in each of its many shards.

Holographic paradigm. The Noble Prize winning physicist D. Bohm has suggested the hypothesis of a holographic universe on the basis of Aspect's experiment. According to Bohm [1], the Universe represents a super holograph, every part of which contains a complete data of the Universe. From this hypothesis, any particle has the potential to restore the Universe as it existed. This hologram might be understood as the integration of matter, cosmic order, and spirits. Then the Holographic Universe states that the holographic model of the mind and of reality can explain so much that classical science cannot. Thus, visible separateness of material things appears to be illusionary, because at a deeper level, all realities in the universe are infinitely interconnected.

Shaman ongod and Hologram. Nomads have survived in face of severe changes of natural conditions. Under these circumstances, the nomadic mind, body, and life have adapted to heaven and nature. This adaptation has led them to the harmony of the whole. Shamans who are in the state of ongod (the enlightened state) are able to look into their inner holograph, where they may get a hold of information concerning definite events related to the interrelation of nature, society, and human life[9]. Moreover, this information may comprise of events in the past, present and future. Thus the revelations of shamans who are in ongod are the root of intuitive or direct perception of nomads, a knowledge which usually nomads have.

Chinggis Khaan's frequent declarations of the power of Munk Tengery [8] should be acknowledged as manifestations of the spiritual power of nomads, having Tengery unity. Under cosmic conditions, produced by natural harmony, nomads have adopted strictly to heavenly order or law. In this sense, the Mongolian Empire might be seen as the heavenly state, where all nomads are tightly united under the power of the Tengery. Thus nomads have acquired extraordinary unity and mighty cosmic consciousness [9]. It should be noticed that in accordance to the level of Gumilev's passionateness [3], a new nomadic nation has emerged in Great Steppe which submits to the heavenly order.

Worldviews and Religions. It is especially interesting in relation to Munk Tengery to discuss the differences of worldviews and religions of sedentary peoples and nomads. In India, Tibet, Japan and China, intuitive perceptions have also appeared, but they developed in different natural, spiritual and socio-ecological conditions. For Shakyamuni Buddha, it takes six years to become 'enlightened'. At the same time, nomadic shamans get into the state of ongod in a short time by rituals with drumming and dancing.

In Eastern settled cultures, the relations among peoples have been strained because of dense populations, poverty and social inequality and instability. To solve this problem, their inner energy has been mobilized for establishing a stable society. For this purpose, the intuitive (scientific) teachings of Buddha have been converted into a religion. Besides Buddhism, there are teachings of Daoism, Veda, Shinto, and Confucianism that all have a united purpose of promoting the "holy unity" of the people.

Among nomads, the worship of nature, the sky, mountains, lakes, rivers and environments as alive and sanctified part of the Universe has turned into an honest tradition [10]. Nomads have esteemed the cosmos and the Earth as father and mother, accepting the Universe like a family, into which all material and spiritual realities are incorporated. Any disturbance of heavenly orders or nature is strictly punished [8]. Strict abidance of nature's regulations by nomads has led to the national tradition of environmental protection. So nomads have established a nation integrated into the Munk Tengery or laws of Universe.

Thus mankind has developed three different types of beliefs and cultural backgrounds, including Munk Tengery. The latter was exclusively originated from the sensation of holographic wholeness of the universe, while in the West, rational science and religion have got their origin from recognizing material things and disregarding immaterial realities. At the same time, Eastern sedentary peoples became proficient in mystical philosophy.

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