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# Second Time Exploration the Essence of the Universe

*Samo Liu*

## ABSTRACT

"Exploration the Essence of the Universe" (liu (2024)) discussed the issues of time and space. This article mainly discusses the existence within space. The exist in space was matter, energy and information. Energy is the origin of matter, Information is the source of energy and matter, It's all in space. Exist can express the form and the nature of space, and can perceive force and time. Socrates, in order to respect space, put aside the thinking of space, Aristotle founded the philosophical thinking of matter. Today, we have to explore space and still respect space. Name of space is tan (憊) in this article, showing reverence for space, Please don't use the name it (它).

**Keywords:** the space, the existence, basic energy, intellectual energy, the time, energy, information matter and substance, cosmic origin.

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# Second Time Exploration the Essence of the Universe

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## ABSTRACT

*"Exploration the Essence of the Universe" (liu (2024)) discussed the issues of time and space. This article mainly discusses the existence within space. The exist in space was matter, energy and information. Energy is the origin of matter, Information is the source of energy and matter, It's all in space. Exist can express the form and the nature of space, and can perceive force and time. Socrates, in order to respect space, put aside the thinking of space, Aristotle founded the philosophical thinking of matter. Today, we have to explore space and still respect space. Name of space is tan(德) in this article, showing reverence for space, Please don't use the name it (它).*

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## I. INTRODUCTION

The Universe is Material, and Its Origin is Energy and Information Humans are composed of matter. As is well known, living humans are a combination of body and soul. When the soul exists, we can feel that a person is alive and has subjective consciousness. When a person dies, the soul leaves the human body, and the human body still exists as ordinary matter, but it still has the perceptiveness of the soul, just like a stone's perception of force. Humans can exist twice. (Liu "Reflection and research on the origin of the universe," "Thinking and research on the Human origin," Liu (2024))

Thermodynamics tells us: matter is a kind of existence on motion, change, and dynamic. Where there is matter and energy, there must be heat, not absolute zero. (王志诚 "Statistical Physics of Thermodynamics") Time is the expression of the process of existence of matter and material energy; No matter how long the existence time of stars and galaxies, or how short the existence time of particles, their nature of exist is the same as that of living humans. heat is the expression of the exist and motion of materiality and energy, which is the same as human exist. Matter is real, and we cannot deny this exist, or treat this exist as nothingness. The matter we see is formed by the collection of energy and information. (Liu "Thinking and research on the Human origin Krauss," "A Universe from nothing") Principle of entropy increase is the actual situation of the universe after the formation of matter and energy. existing matter, under the guidance of information, has a soul, allowing matter to perceive all forces, all energy, and information. The process of perception is the time process of material motion and change, and it is also a process of material decay after reaching a balanced state, changing into a form of thermal energy, moving towards balance. (Liu "Reflection and research on the origin of the universe") The exist of energy is to create matter and express the state of matter's exist. Matter is a collection of energy structure and mass structure. In dynamic energy, matter is formed with reduced entropy, in steady-state matter, it changes back to energy, increasing entropy. Chapter 38 of the "Tao Te Ching" tells us, that the highest benevolence of the universe is thermal equilibrium, which means the total entropy is 0. (Liu "Tao Te Ching-Universal Declaration") Human made factors, such as the creation of atomic bombs, can prematurely or unexpectedly end the life of matter

or stones, but in natural conditions, it will gradually return to the end of its temporal life.

The origin that allows matter and energy to be created, exist, move, and change is also a kind of energy. "Reflection and research on the origin of the universe" names it was Intellectual energy (智慧能量), which was a kind of information, the force and the time in physics. Has been discussed in "Reflection and research on the origin of the universe." This is a divine, empty force in the universe, the original cause and reason that allows energy and matter to transform each other. Energy is designed as a factor, the origin of matter, and the origin of energy is called basic energy (基础能量). Causes (因, 阴) and factors (因素, 阳) are the yin and yang existence attributes of the universe. (Liu "Reflection and research on the origin of the universe")

## II. MATTER AND EXISTENCE

This is a simple question, yet it easily leads to human disputes and confrontations. In "宇宙本原经典考," it was discovered that 2500 years ago, Buddha Shakyamuni was already concerned about this issue. On one hand, humans are material, and the universe endows the living with material desires, leading to the emergence of four phenomena, called the four images: the image of self (我相), the image of person (人相), the image of sentient beings (众生相), and the image of obstinate (寿者相). (Liu "宇宙本原经典考") Our ancestors awakened and discovered the issue of empty (空), the issue of emptiness (空性), the issue of nothingness (无), and the issue of divinity. This issue can lead to human disputes over the original exist of the universe, the controversy between emptiness and exist, or the controversy between having (有) and not having (无), which is the controversy over the origin of the universe. This contradictory issue has been debated for over two thousand years, or even longer.

In the "Diamond Sutra", Buddha reminded humans: do not fall into the desires of material things, do not be limited by material thinking and contemplation, and at the same time, do not be tempted or confused by the existence of emptiness

and divinity. Therefore, the Middle Way (中道) was proposed, and the Second Patriarch of Buddhism, Nagarjuna (龙树), specifically left behind the "Mahaprajna paramita Shastra (大智度论)" and the "Madhyamaka shastra (中论)." work. (Edited by Master 星云) The "Mahaprajna paramita Shastra" and the "Madhyamaka shastra" hope that human thinking should follow the Middle Way (中道) and not be biased, neither being obsessed with material things nor with emptiness. This theory is the main theory of Eastern Mahayana Buddhism, and the Second Patriarch has become the common ancestor of the eight schools in the East, that is, the common Mahayana Buddhism of eight sects of Buddhism. (Liu "Reflection and research on the origin of the universe")

The "Tao Te Ching" begins with the immateriality that the emptiness (无) is the beginning of heaven and earth (无名天地之始), and the exist (有) named is the mother of all things (有名万物之母). In the East, there are disputes, but they are not fierce. There are religions that practice with the body; there is a culture called Confucianism, which also believes in this, because there is a common belief called the "I Ching." However, the expression with language, wordage, and numbers is not understood. There is not enough information, but the East does not have Aristotle. (Liu "Reflection and research on the origin of the universe.") Seems to be waiting for modern physics.

The disputes are more intense in the West. From fragmented information analysis, the ancestors of the West also thought about the origin of the universe, but not systematically. Aristotle appeared, and material philosophy and material science emerged, setting aside the contradictions of human thought, focusing on the study of matter and human society, leading to earth-shaking changes for humanity. Scientists discovered mechanics; energy; information science of systems science; created nuclear weapons, robots, and discovered genes. (Liu "Reflection and research on the origin of the universe")

The "I Ching" inspires us to think about the universe, which is to think about the problem of

yin(阴)and yang(阳)contradictions, to think about the conceptual problem of yin and yang, which is very contradictory and complex. Once the philosophical concepts are clear, it becomes very simple. The author believes that Taoist and Buddhist philosophical thoughts start from the thinking of contradictions and solve the method of thinking about contradictions. Understanding the original thoughts of Taoism and Buddhism about the universe, start from the understanding of nothingness(无)and emptiness(空). The author has liked to think about the problems of nothingness and emptiness since childhood. Thinking about energy and information as the category of emptiness and nothingness, originating from the theoretical learning and practice of mineral processing.

Mineral processing, an engineering discipline, is also called beneficiation, and in some countries, it is included in the category of metallurgy. Minerals like stones are called ores, and mineral processing is the discipline of extracting useful substances to humans from ores. Using energy and information to process stones and make them change. From university to doctorate, from technician to rank of professor level senior engineer, the study is about this. It is a practical professional field. Simply put, it involves blasting a mountain into stones, turning stones into stone blocks, and making the blocks into stone powder finer than flour, approximately -200 mesh = 0.074 mm or below, micron level, and then sorting and extracting useful substances. Many raw materials in industry, daily life, and the military are also produced in this way. (孙传尧 "Comprehensive Utilization Handbook of Mineral Resources") It uses scientific methods such as physics, chemistry, and physical chemistry.

### 2.1 Are stones three-dimensional?

Descartes invented and created the three-dimensional mathematical coordinate system, which is a standard tool for theoretical science. It can also serve as a standardized theoretical scientific expression for the existence of matter; engineering science is the same. However, if practitioners of engineering disciplines regard stones or matter as

three-dimensional, they will become foolish and at a loss. Because the shape of stones is irregular, with strange shapes in all directions. "Zhuangzi 《庄子》" calls it the six direction(六合). (Liu (2021)) The existence of matter is not three-dimensional, but the calculus(微积分) of atomic and molecular existence, which develops and exists changes in all directions. We can express it with three-dimensional theory, but its real existence shape cannot be directly said to be three-dimensional. It must be calculated with calculus. (Liu "Reflection and research on the origin of the universe") However, it is customary to express matter as three-dimensional, without delving into its mysteries.

Matter is actually existing. If described with real dimensions, it is infinitely dimensional; if described with virtual dimensions, it is not only time, but also the cause(因)of time and mechanics. Time only represents the numerical process of existence, whether it is matter or material energy. (Liu " Reflection and research on the origin of the universe", liu(2024)") Taoist philosophy says that when matter or energy is created, the universe endows it with the cause of time that leads changes and balances directions. ("鹖冠子") The International Committee of Weights and Measures(CIPM)defines the "second" as this meaning. (13th CGPM. (1969)) Please judge (Liu (2024)). There are many causes and factors that lead to the change of stones, many force factors, specifically called energy, kinetic energy, electromagnetic energy, chemical bond energy, atomic energy, etc., as well as thermal energy.

Relativity discovered the kinetic limit of matter and the equivalence of matter and energy with optical information; do other forms of energy have this phenomenon? Making matter into 0 dimensions; making existence into absolute 0 degrees; there should be, the "I Ching" tells us that as long as we understand one thing, the universe is alive, and all existence has the problem of life and death, the problem of existence and non-existence.(刘(2024)) Based on the origin of the universe, physics can discover new ideas and can rethink thermodynamics. New force cause can be discovered.



## 2.2 Are stones alive?

"Reflection and research on the origin of the universe" has thought about this question, and the answer is affirmative. Matter and energy, all existence has this problem. Dying and coming back to life (死去活来), or called coming back to life and dying (活来死去), is just a change of yin (阴) and yang (阳). By substituting Taoist and Buddhist philosophical thoughts into physics, systems science, and mineral processing with dialectical materialism, this conclusion can be drawn.

Mineral processing is an engineering discipline and also a philosophy. The basic theory of mineral processing is based on philosophical hypotheses, respectively called the area hypothesis, the volume hypothesis, the crack hypothesis, or the doctrine. Here, we avoid mathematical formulas and express only in words. Simply put, it is to study the change of stones as the energy of surface area, volume energy, and crack energy. (刘洪均, "The laws of the distribution in wushan SABC comminution circuit and the practical approach")

The area theory of stone crushing power was proposed by Rittinger (雷廷格) in 1867, who believed that the energy required to crush ore is proportional to the new surface area generated in this process; the volume theory of stone crushing power was proposed by Gilpichev (吉尔皮切夫) and Kick (基克) in 1874 and 1885, respectively, who believed that the energy consumption after the crushing of ore is proportional to the reduction in the volume of particles; the crack theory was proposed by Bond in 1952 through the induction and analysis of the stone crushing process, who believed that the energy consumed in the crushing process of ore materials is proportional to the length of the cracks formed in new. (魏德洲 "Solid Material Separation Science"). Here, we do not introduce in detail. The doctoral dissertation analyzed the energy distribution law of a certain engineering project not by directly adopting the three major theories, but by using a fashionable big data theory. However, the three major theories have become

tools for thinking about the relationship between matter and energy. They helped complete the thinking of Taoism's "when qi gathers, it becomes a thing (炁聚为物), when thing disperses, it becomes qi (物散为炁)"; Buddhism's "matter is emptiness (色即是空), emptiness is matter (空即是色)." The direct completion of thinking is quantum mechanics and relativity. (liu, "Reflection and research on the origin of the universe")

These links, through the thinking of radiation of ore, discover that ore, molecules, atoms, particles, quarks, etc., are all alive, called existence; they will all die, which can be called structural changes, or the existence and non-existence of structure; change to another structure and live again. Very interesting. Humans live in a living universe. It's not the kind of life humans have, but it can be affirmed that it is a problem of structure, the connection and cause and condition between structure and information. The universe, eternally alive, eternally yin (阴) and yang (阳) structure. Therefore, "Reflection and research on the origin of the universe" believes that the force that forms particles and quarks should exist. Give it a try. (liu, (2024))

Matter is actually existing and is also a changing existence, a special existence of energy structure, and a special existence of mass structure. Its shape and mass are constantly changing in time, coming from the gathering and change of energy, and returning to the origin of energy in motion and change. The "I Ching" says: the universe is the eternal existence of yin and yang, the eternal change. It is information that makes matter change like this, "Examination of the Origin of the Universe" calls it wisdom energy. Information and energy are non-material existences. On the other hand, the structural information of matter also tells the cause of wisdom energy (intelligence) what to do. Yin and yang are one, never leaving, seeking thermal balance.

In "Reflection and research on the origin of the universe," the author cautiously proposed the

issue of basic energy and the zero-dimensional universe. The reason for being cautious is to hope that humans understand the Middle Way(中道) thinking of Buddha Shakyamuni and the Second Patriarch of Buddhism, Nagarjuna. Our current main thinking is material philosophy, that is, the universe is material, matter determines consciousness, and human thinking has all fallen into material and material desires. However, our ancestors and science tell us that the universe is the coexistence of having(exist, 有) and not having(no-exist无). Physical cosmology tells us that the existence of "having(有)" the existence of material energy, only accounts for about 4.9% of the universe; the existence of emptiness, non-material energy, accounts for about 95.1%. That is to say, matter is actually existing, truly existing, not illusory. From the birth of atoms, real matter is the real existence in the universe, and it is also the true existence of human life. This point is unquestionable. Material philosophy thought is the main guiding thought of human beings for a long time. The space where matter exists and the place where the shape of matter exists is defined by Newton in the "Principles" and can be called relative space,(newton, "The Mathematical Principles of Natural Philosophy") which can be expressed in three-dimensional space. However, space is not three-dimensional, let alone high-dimensional. Space is the original space for creating matter, the space without material position (Leibniz "The Leibniz-Clarke Correspondence" Liu (2021)). However, calling space three-dimensional or o-dimensional is a short-term behavior of humans.(liu(2024)) Therefore, it is suggested that humans can understand space, and there is no need to study space, be revered tan(德). The focus is still on studying the existence of matter, energy, and information.

The mass-energy conversion law shows that under the promotion of external force information, when matter reaches the condition of the speed of light, it becomes pure energy. Humans live in matter and energy and discover that matter (such as stones) is formed by the gathering of energy, gathering into mass, but it is changing. Even if it does not reach the information condition of the

speed of light, energy is also moving and changing, determining the shape, mass, and time of matter. When matter completely returns to energy, it means the end of the existence of matter, the end of material time, and matter will die. Matter is a kind of existence that is alive. Existence is a structure.

Quantum mechanics tells us: basic energy, under the action of information, under the action of force (what kind of force?), can become material energy, becoming particles and quarks, and particles and quarks are also living existence; particles can become atoms, molecules material, all things under the action of force, under the action of information, under the action of mechanics and the cause of time, and return to the state of energy. This is the real matter, the real existence of matter, the motion and change of matter.

Thermodynamics tells us: when absolute zero, existence is impossible! Why? "Reflection and research on the origin of the universe" believes that it is possible. When temperature is generated, there is material energy and the creation and existence of matter. How much is the thermal energy? Physical cosmology  $4.9\% + 95.1\% = 100\%$  has already told us. It is just "1" that big. (Chapter 42 of the "Tao Te Ching") It is wisdom energy, divine information commanding all this. Humans, calling the universe God, belittle the universe, but is there other more appropriate term?

### III. ENERGY

What is energy? The development of science in the past 500 years, the rapid advancement of human material progress, is the development of energy. The various industrial revolutions have been revolutions of energy and information. Energy originates from the mechanics of physics, including various mechanical principles, including the mechanical principles of chemistry.

Humans have discovered energy and learned to create it. From the energy mechanics produced by the motion mechanics of universal gravitation, thermodynamics, electromagnetism, and atomic energy, humans have transformed mechanics into energy. In the process of studying stones, it was

found that the energy produced by chemical bond forces is the fundamental cause of stone aggregation; chemical bond forces are simple, a type of electric charge. Thus, it was concluded that electric charge is the force of Yin and Yang, the force of structure. Particles are the same. (Liu "Reflection and research on the origin of the universe")

Quantum mechanics tells us: matter and atoms come from energy, particles and quarks. To be honest, after reading several quantum mechanics works, I couldn't understand them, and I felt dizzy when I saw those equations and formulas. I only understood a little bit: particles, like stars and galaxies, are beautiful, regular and orderly (规律和秩序), living and dying, moving and changing, very simple, not dizzy at all. Think about human life and death; think about the Big Bang and black holes; it's exactly the same as quantum mechanics. The difference is that this is a segment of discontinuous energy, compared to the existence of stones, it lives too short. There is no mass and universal gravitation. One is material, one is non-material, it's that simple. Do you still feel dizzy? Modern physics has no contradictions, it is people's material philosophical thoughts that artificially create this contradiction. Man-made contradictions. (Liu "Thinking and research on the Human origin" "0-Dimensional Universe - Survival test of all things", liu, (2024))

The raw materials that make up atoms are energy, and this energy comes from the vacuum energy sea of basic energy, which quantum mechanics calls vacuum 0 electric energy. Relativity tells us: matter is energy, formed under the conditions of mass information and the cause of the speed of light. "Survival test of all things" thought about it, the kinetic relativity of the material universe probably has only one Einstein; there may be more other energy relativity. Give it a try.

### 3.1 Taoist View of Energy

There are three "I Ching": "Lian Shan(连山)", "Gui Cang(归藏)", and "Zhou Yi(周易)". According to the insights from relevant materials, "Lian Shan" studies matter and energy in the

universe; "Gui Cang" thinks about the energy of the human body, called Qi(炁); "Zhou Yi" studies space. Energy is the original existence of space, and Taoists call it Qi, known as Yin and Yang energies. Yin(阴) and Yang(阳) energies move and change in the cause and condition of the Five Elements' production (attract) and overcoming (repulsion)(五行生克), with time controlling the direction and balance of movement and change. (Liu "Reflection and research on the origin of the universe", Liu (2024)).

The great Laozi(老子) summarized the changes of Yin and Yang in the universe in the "Tao Te Ching", and the Taoist research on energy and Qi has been unstoppable. From Wenzhi(文子), Liezi(列子), Zhuangzi(庄子) to Zhang Zai(张载), Zhu Xi(朱熹), Wang Yangming(王阳明), the origin of energy, the movement and change of energy, and the principle of energy creating matter have been systematically considered, forming the Taoist Yin and Yang Qi energy origin doctrine, which is a systematic scientific theory of energy, a scientific philosophical theory. The universe, the origin of existence, is Yin and Yang two kinds of Qi, or information and energy. (Liu "Reflection and research on the origin of the universe" "Survival test of all things" liu(2024))

The state of basic energy is temporarily a state that cannot be expressed by human language, wordage, and numbers. The absolute temperature is zero, the electric charge is zero, the mass is zero, the dimension of existence is zero. It is a primitive state of the universe, and it may also be a balanced state of the universe. There is no matter, no material energy there. It is a unified, eternal, balanced state, and it is impossible to judge the existence of that state. That state, humans do not need to think about tan(慊), just understand tan(慊). Because the material universe is large enough, what affects human existence is the material universe. Studying the material universe is studying human survival and existence. Humans have developed to today and cannot help but pay attention to this great original existence of the universe.

The production of matter, the production of material energy and matter, may be related to the



theories of parity conservation (宇称守恒) and parity non-conservation (宇称不守恒) in physics. Taoists believe: when the universe has original Qi (元炁), it may be the beginning of parity non-symmetry, the beginning of Yin and Yang, the beginning of creating material energy. Material energy is the result of the change of basic energy and should be the original raw material for the formation of particles and quarks. Humans have discovered dark energy and dark matter, and have the basis for thinking about the basic existence of basic energy. (Liu "Reflection and research on the origin of the universe")

The various energies described by physics, as well as the particles and quarks described by physics and quantum mechanics, are energy structures and the basic raw materials for creating atomic matter. The two energies of Yin and Yang continue to change and create. The most mysterious creation is the mass structure, the information source of universal gravitation, and also the numerical starting point of material time. There are atoms, Continue to create and change, and there are molecules and plant and animal cells, human cells. The journey of the universe creating all things begins. What humans see now is the balanced universe in the material state of the universe. Energy must gather into matter, and matter continuously changes into energy in motion. Modern physics has discovered the radioactivity of matter, and artificial radioactivity can end the essence of matter existence. For example, atomic bombs.

Energy changes into matter, matter changes into energy, the universe continues to change and cycle under the principle of balance. The existence of matter and energy is the Tao of the universe. (Liu "Tao Te Ching- Universal Declaration")

### 3.2 Buddhist View of Energy

Buddhist philosophy does not introduce energy in detail, but it has created the causal relationship of the origin of the universe, believing that matter is a factor (因素) of change. This factor is constantly changing in form, shape, mass, and time. For example, energy and basic energy.

Humans and all things are both the fruit of the change of that factor, and at the same time, they are also the cause of the change of that factor. The mutual change of causes and effects in the universe is the original existence of the universe, the existence of change and motion, is a relative existence, not an absolute existence. Conceptually, also it is an absolute existence.

Buddhist cosmological philosophy believes: humans and matter come from emptiness (空) and will also go to emptiness in motion and change. This is the original energy of the universe. (Liu "Textual research of the universe original classic")

## IV WHAT IS INFORMATION?

Information is a modern term. Human information is expressed by language, wordage, and numbers. Human thinking comes from information, and action also comes from information. Information is a special thing that can cause human reactions. We often judge this as good information, this as bad information, so information has both positive and negative effects on human thinking and reactions. The greatest function of information is that it can cause reactions in humans as well as matter and energy, whether it is empty contemplative reactions or actual action reactions.

What is the reaction of matter? Matter, whether we think it is quiet, moving, or changing, is a reaction. The perceptiveness of this reaction of matter is extremely surprising. What makes matter react? Undoubtedly, it is force and time. Human beings, as intelligent substances, have a living soul and a thinking force. Human beings are the existence of the material world, is a special existence, has feelings, will think, there is subjective consciousness, (Liu "Thinking and research on the Human origin") This is a perfect, worthy of pride.

### 4.1 Information Left by Our Ancestors

The ancient Greek philosophers left a lot of information about information, named as gods; in

Buddhist writings, a word often expressed is called emptiness(空性), also called caus(因); in Taoist writings, there are expressions of words like spirit(精) and message(信), as well as wisdom(智). So the words like spirit and message reflect that whether it is the universe creating matter and energy, or the movement and change of matter and energy, human thinking, action, and change, are all expressed by information words. Zhang Zai's(张载) Qi(炁) theory "Zheng Meng (正蒙)"; Zhou Dunyi's(周敦颐) "Tai ji Tu Shuo (太极图说)"; Zhu Xi'(朱熹)"Jin Si Lu(近思录)" Yin and Yang Tai ji philosophy of Li(太极理学); Wang Yangming's(王阳明) "Chuan Xi Lu(传习录)" philosophy of Xin (心学), etc., have a lot of philosophical information. (Liu "0-Dimensional Universe - Survival test of all things") The most important thing is that humans have now learned to create information, which is very pleasing, but also very terrible.

When the author was in a place called Shangri-La and thought he understood the Tao Te Ching and the Diamond Sutra and the Heart Sutra. When I understood the original thought of the universe left by my ancestors, I was helpless and shed tears. I very much hope that this understanding and thinking is wrong.

4.1.1 The Diamond Sutra chapter 15 chapter 16 tells us that our human. May not be the first time in the universe, could it be the last? I don't know. Our ancestors warned us that if human material science is not developed enough, our existence will be threatened by the universe, just like the dinosaurs. If our science is overdeveloped and human beings do not grasp the fundamental idea of exist on the universe, then human beings will destroy themselves.

As a doctor of engineering, I learned some scientific knowledge and thought that I knew dialectics and even understood the idea of the origin of the universe. It suddenly became apparent that humanity had really reached a point in our own existence at this stage. Possessed the power of self-destruction. However, they do not know the origin of universe is, but they have mastered the ability of the universe origin and have the ability of the God of the universe.

4.1.2 Our ancestors have taught us the mystery of a universal God who has the ability, function, energy and information to create and destroy. Today our human beings have all learned. However, our human mind is still confined to the philosophy of matter. The original idea of the universe left to us by our ancestors, We don't know what it is, but we have the power of the God of the universe too early. Admire Planck and Einstein, but complain about them, complain that their ideas were too early in the human process. The "Diamond Sutra" says that the past mind cannot be attained, the present mind cannot be attained, and the future mind cannot be attained. People today. We are in such a situation that we cannot predict our future. What is our future survival and existence? We are still triumphantly discussing the so-called existential question, Quantum mechanics, relativity, parallel universes and so on. But we do not know that we have not yet mastered the idea of the cosmic origin, but we have the ability of the cosmic origin. Intelligent people can think, human beings who feel and think. It may have to create an ending worse than even the dinosaurs, which will self-destruct and annihilate. Think about it. Is that true? (Liu, "Thinking and research on the Human origin")

#### 4.2 Information Theory and Systems Theory

Do not discuss or comment on information too much, it is an unknown, empty, divine existence. Humans have learned to discover and innovatively create information since classical mechanics.

Information theory founder Shannon believes: information is used to eliminate randomness and uncertainty. The founder of cybernetics Wiener believes: information is information, neither material nor energy. Etc. The definitions of information are diverse and confusing. (许国志, editor-in-chief "System Science Dictionary") No matter what the name of information is, information theory has contributed to the creation of nuclear weapons, robots, the discovery of DNA, etc. When science studies information theory, it has the function of the god of the universe, and it should also pay attention to the simultaneous

study of theories such as synergetics and cybernetics in systems science, otherwise, it will be contradictory. For example, the rapid development of information science, why are humans afraid of robots? People who say these words are often researchers and creators. The same is true of Albert Einstein, who was responsible for the discovery and creation of atomic energy, but regretted the atomic bomb. But what can be done? (Einstein "My World View") Nuclear weapons, DNA, robots have appeared, human beings are very afraid of these will threaten human survival, but there is nothing to do. What is it that humans are afraid of? (Liu "Human Origin Examination") Think about it. It is conceivable that as science advances, humans will create even more powerful weapons.

"Reflection and research on the origin of the universe" designs information as intelligence energy, which is an energy with wisdom. This energy is the energy that makes humans and matter react, and it is also an energy that makes non-material exist energy react. This energy has both positive and negative functions, and it also has an important function called directional balance. (Liu (2024))

"Reflection and research on the origin of the universe" Thinking about force and time as the information of intelligence energy, also called cause, determines the reaction, change, motion, and directionality of matter and non-material. also designs force and time as information, intelligence energy, and cause, and designs the intelligence energy sea of the universe. That is to say, human research and mastery of information are not comprehensive enough, and there is still a greater space for research and exploration. However, is it better for humans to have more control over the information of the god of the universe? Or is it not good? Humans are their own saviors. Humans decide for themselves. (Liu "Textual research of the universe original classic")

From the perspective of material philosophy, this is a double-edged sword. From the perspective of the original thoughts of the universe left by our ancestors, we need to take the Middle Way (中道) and balance (平衡).

Human language, wordage, numbers, science, and coordinate systems are all designed as human information, which is the foundation of human survival and existence. The Middle Way and balance are all reflected in human thought and spirit.

I solemnly request physicists to calculate with their conscience the question, how many nuclear weapons, especially hydrogen bombs, can the earth withstand? What are the boundaries? Will the explosion of many nuclear weapons turn the Earth into Jupiter, Mars or the Sun? Because we mess with the fundamental energy of the universe, we mess with the God of nature of the universe. I hope I am wrong about my ancestors' ideas about the origin of the universe. By the way ask physicists to look for the primordial force that created matter and energy. (Liu "The Second Volume of Reflection and research on the origin of the univers")

Since the God of the universe has made Newton, Maxwell, Planck, Einstein, etc., appear in the human process, it is hoped that there will be some great scientists. Keep looking for force and time. Try it.

### 4.3 Thought question without an answer.

The universe, why create matter? Why create humans? Why do humans live and exist? Why does it exist and exist like this? Are we really living to find the truth about the universe? What is the primary reason (因) for the universe to bestow human beings? Why do we create such great information as language, writing, numbers, science? What is the origin of this information? If there were no human beings, if there were no human language, writing, numbers, and science, the universe still exists. The universe created us. Should we love the universe or revile it? It may be time for humanity to seriously rethink, or rethink the cosmic origin.

## V CONCLUSION

There is a deep feeling: From the perspective and practice of engineering science, I express the understanding of the original thoughts of our ancestors about the universe. Please verify and

test. Once correct, it may have a great impact on theoretical scientific thinking. Pray and believe that the impact of this information is positive.

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