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# Gravity and Riemann Hypothesis

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[Jun Ze Shi](#)\*

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Article

# Gravity and Riemann Hypothesis

JunZe Shi

Independent author; 15003615276@163.com

## Abstract

Inspired by the author's Riemann hypothesis, this paper attempts to solve the contradiction between general relativity and quantum mechanics in physics. Under the guidance of Euler identity, two important ideas of collision and vibration are introduced. It is concluded that quantum mechanics cannot describe gravity because gravity cannot constitute this dimension of substance. The document deeply discusses the relationship between substance dimension and energy, including the stability and change of dimension, the relationship between energy and substance, and the relationship between time and dimension. It mainly introduces how different dimensions of substance interact, the generation and transformation of energy, and the influence of dimensional changes on substance. This paper discusses several theories that are expected to become GTU, points out their advantages and disadvantages respectively, and explores some non-physical humanistic philosophical problems. The reason is that there is an essential difference between the earth and other substances. Finally, the article clarifies the current problems in human society. Excessive materialism causes human beings to be at a special node ( $1 + 1 = 2$ ), and finding a way to become a multi-dimensional structure again ( $1 + 1 + 1 = 3$ ).

**Keywords:** gravitation; Riemann hypothesis; Euler's identity; collision; vibration

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The reason why this article does not involve mathematical formulas is that the author's mathematical ability is limited, and the article only has enlightening effect (**Because of the infinite complexity of mathematics, many details are difficult to present, and the article is mainly in the form of blueprints**). A good beginning often ends up not wonderful. I prefer a wonderful end. Therefore, the first half of the article is not of great value, but more of a process of exploration.

To read this article, you need to know an energy cycle process (the content of the article is large and the structure is a little complicated, understanding this can help you understand the article): this formula reveals the correctness of quantum mechanics and general relativity. (**Zero-dimensional collision residual energy – One-dimensional matter = one-dimensional collision residual energy = one-dimensional gravity (This refers to gravity around a one-dimensional substance) = Two-dimensional matter + two-dimensional collision residual energy, two-dimensional collision residual energy = .....**). The purpose of this formula is to illustrate the coexistence of dimensions rather than the progressive relationship. That is to say, the universe is not only matter and force (There are other energies that affect matter and force, or these energies can be converted into matter and force.).

## 1. Introduction: Research Direction of Gravity

It is easy to recall the geometric structure of general relativity when discussing gravity. Relativity interprets gravity as the result of space bending (four-dimensional space-time). That is to say, the essence of gravity is the change of time and space (**Here I think of a key point: different masses produce or accompany different amounts of gravity**), and quantum theory attributes all energy to quantum substanceization. First of all, we should know that gravity and other substance should belong to energy. The composition of energy requires space and time, while the composition of substance also requires opposite collisions to form symmetry. If we assume that gravity is also a substance, then we can understand that the two theories can be unified. Then think about why it is so difficult. I adhere to the broad concept of relative time and space, and also insist that gravity is

indeed an energy or force. I think solving this problem requires finding a theory that can accommodate both ideas (**but the final conclusion is that gravity isn 't substance or can 't form symmetry, or it just contains positive energy). In fact, gravity can also form symmetry, but in matter (three dimensions) it can only be expressed as pure positive energy.**

## 2. Shape of Space

According to Einstein 's theory, energy can distort space. In the process of spatial distortion, a bending velocity change is formed. The change in velocity leads to the change in time, so there is four dimensional space-time.

The first thought process: If the speed changes the movement space, would the change in quantum speed also alter its own space? I believe that matter exists within space, or it is the space itself that leads to the materialization of energy. This space should have specific dimensions, as without specific dimensions, the forces between matter would not be affected by spatial distance.

Figure 1 assumes that there are different distributions within a complete space, which is understood as dimensional differences.

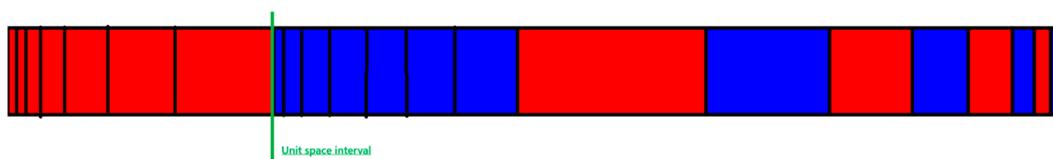


Figure 1.

Thinking process 2 : Two clocks with different speeds will deviate under observation. It seems that time is affected by speed, but I think it is speed that changes space (Space is understood as dimension) , and space changes time. If matter has its own space, then it can be understood that different dimensions have different times. I understand time as the speed of change, or the speed of changing dimensions (As discussed earlier, different masses of matter have different gravitational forces). **Therefore, gravity is related to time, that is, to the current dimension.**

Two kinds of spaces are introduced : one is the compressed space, and the other is the stretched space. Because I'm talking about motion starting from point particles, so the compressed and stretched spaces are intertwined. These two forms of energy constitute the substance : **positive energy and negative energy.**

## 3. The Constant Speed of Light Brings Me Ideas

Thinking Process 3 : As the special theory of relativity says, the constancy of the speed of light means that no substance how fast the observer moves, the speed of light measured by the observer remains unchanged. We previously mentioned that space is composed of positive and negative energy, **so photons may have the same positive and negative energy at the same time** (At this point, we do not know that there is a new dimension, because the photon belongs to the positive energy in the new dimension. Or the photon can be understood as the new dimensional matter at the limit. After reading the following text, you can refer to the fact that black holes belong to both two-dimensional and three-dimensional matter, and are in two extreme states.). But why photons can 't produce new collisions and time stops (**There is no time, or different times arise with different substances.**) ? It seems that there is no explanation for the constant speed of light. In fact, the author does not know the meaning of the speed of light at this time. **However, it is later learned that the essence of light speed is not a specific number, but a way of dimension balance.** Next, look down, what is the dimension balance.

Some people may wonder whether the integer dimensional matter can not continue to be upgraded? After the universe reaches infinite dimensions, an integer dimensional matter is taken out of each dimension(like taking a photon and adding a part of a black hole and an integer dimension of matter is taken in each dimension), and these basic units are combined into a basic unit (That's not

quite accurate, but all we need to know is that every dimension reaching an integer dimension means the universe has reached infinite dimensions. And the final infinite dimensional basic unit would include the energy of each integer dimension, but the proportions are not yet clear). Only this basic unit can have infinite dimensions. In other words, for the universe to reach infinite dimensions, all dimensions must be integer dimensions and no elementary particles exist independently in each dimension. From the above, it seems that matter cannot continue to ascend after reaching the integer dimension, which is generally correct.

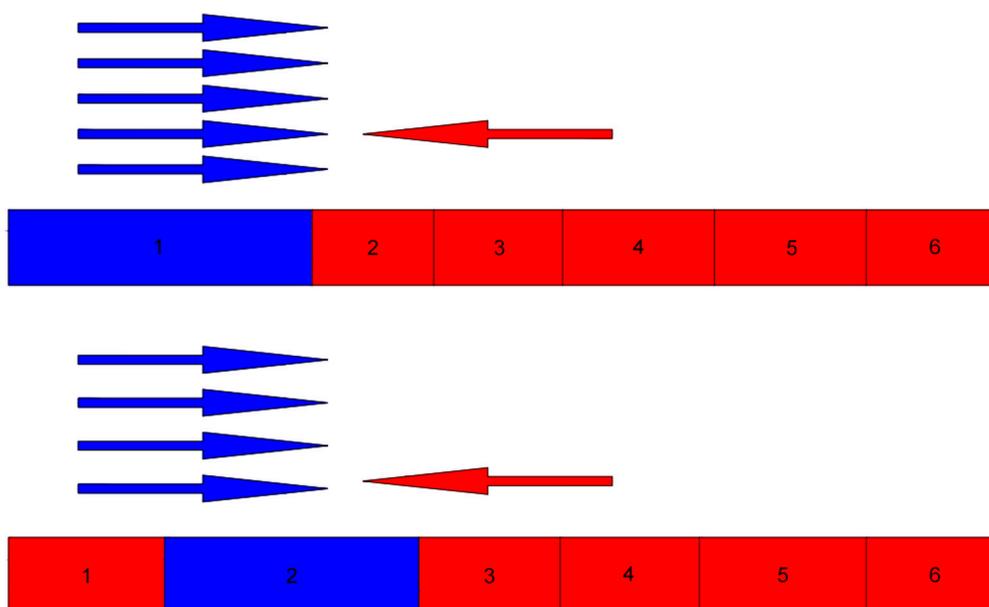


Figure 2.

According to De Broglie's theory, moving objects produce phase waves. However, these phase waves can reach faster speeds than light. If the phase velocity only represents the wave velocity, is it possible that this wave velocity is the speed of other dimensions? so we speculate that the dimension of substance change is closely related to the phase wave. I define this speed as the speed of dimensional equilibrium, or the speed at which high dimensional energy affects low dimensional matter. Let's assume that the phase velocity of the wave is related to the dimensionally balanced velocity, and that the wavelength is related to the dimension at this time.

The velocity represents the spatial variation in the transmission velocity (The space here refers to the space of itself). In the overall space, the shape of space is constantly changing. Throughout this process, the spatial variation can still be transmitted at a speed of  $c^2$ . Therefore, in the  $c^2$  inference process, a moving object is constantly transmitting a deceleration signal  $v$  into space. Due to the constant changes in space, this value decreases to  $c^2/v$ . These contents are just a thought process and are not rigorous.

$$\frac{c^2}{v} \times v = \text{Spatial transfer velocity (Assume that own space can be shared)}$$

The speed of photons moving in any space is equal to the speed of photons transmitting in space. Photons always move in a constant space. Once the speed of photons is greater than the speed of space transmission, the speed of photons will slow down, so that the speed of photons is at most equal to the speed of space transmission. That is to say, for a dimension, the maximum speed can only be the speed of light. Once it exceeds the speed of light, it means that it does not belong to this

dimension, or leaves its own space. Therefore, we can understand the speed of light as a speed of energy transfer in its own space, so this process is the dimension balance mentioned later.

$$v \leq \frac{c^2}{v}$$

Energy is not limited by volume. On the contrary, it can be understood as a collision point, which creates a spatial configuration. The energy body vibrates continuously in a small range, forming a unit space size. Around this point, the force unfolds the space one by one. Then there will be a situation where there is no space of its own, or how the integer dimension is expressed by collision. I temporarily describe this integer dimension as : zero collision.

Back to the phase wave. In other words, the phase wave may be a dimensional equilibrium process within the "self-space" of three-dimensional matter, while gravitational waves are dimensional abnormal changes in three-dimensional matter leading to dimensional abnormal changes in four-dimensional matter. Therefore, gravitational waves may be a dimensional equilibrium process outside the self-space of four-dimensional matter. The electromagnetic waves mentioned later might represent the dimensional equilibrium process outside the 'self-space' of three-dimensional matter. Thus, the phase wave and the quantum entanglement we are familiar with have a certain relationship, yet they do not seem entirely the same (There is even a certain gap). This is because the physical quantities they describe differ to some extent. Therefore, while their mechanisms of action are related, the processes they describe are distinct. The idea of this paragraph is not accurate. It belongs to the author's thinking process, which aims to judge the characteristics of photons. At present, we first do this, and then continue to analyze the process of dimensional balance.

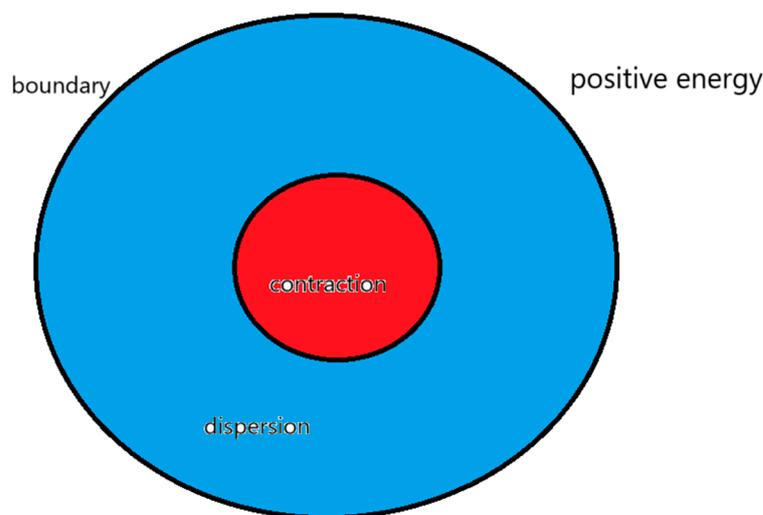


Figure 3.

#### 4. Positive and Negative

There are two conclusions : positive and negative. Thinking process 4 : Energy can be divided into positive energy, negative energy and massless energy (Massless energy can be thought of as higher than this dimension). The negative energy is also affected by the acceleration of gravity. When it enters the gravity field, the greater the difference in the direction of gravity, the greater the difference. This acceleration has the same order of magnitude as the positive energy.

The core is that, despite the continuous increase of negative energy, zero energy (the remaining energy of high dimensional collision) will weaken slowly. Therefore, as the material dimension increases, positive energy is still greater than negative energy (But the proportion of negative energy is increasing). As the dimension increases, the negative energy will be infinitely close to the positive energy until the gap between the positive energy and the negative energy is opened again after

entering the next dimension (**Moving into next dimension is generally not possible, but it can exist in the form of a multi-dimensional structure**). This is a preliminary conclusion, but there may be more complex relationships between dimensions.

In order to prevent misunderstanding : here Figure 4 is relative, negative energy is only relative to positive energy as shown in Figure 4. However, when the positive and negative energy are equal, the integer dimension has been reached, and the next vibration direction is still positive. So the negative energy is actually positive energy like Figure 3 (Matter with more negative energy does not exist, it is only a relativity.). **The higher dimension in the dimension balance is naturally understood as negative energy, but the essence is that the positive energy is greater than the negative energy, which will be explained later.**

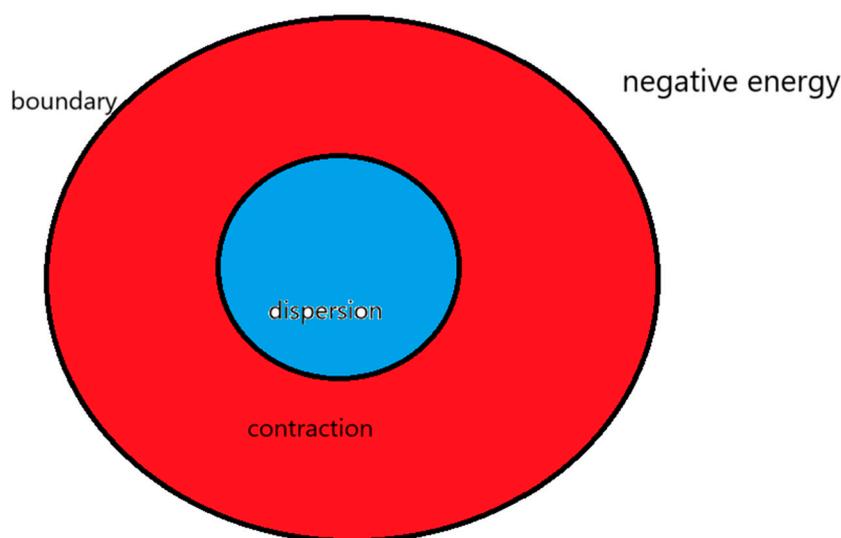


Figure 4.

Figure 3 and Figure 4 need to be considered in this way only when compared in a whole (this paper mainly discusses the relationship of the whole), Other times this description is not accurate. Negative directional vibrations still increase the dimensions (new vibration directions), but this method cannot be used for calculations or comparisons with positive directional vibrations. Since positive and negative directional vibrations affect the material's dimensional changes differently, I liken the process of dimensional elevation to a continuous increase in negative energy. When any material or unit is directly considered, the first direction of vibration in the new dimension is positive. However, if a dimensional balance is formed in an overall system, it may be negative. **This process is not straightforward; it requires reading the subsequent text to understand the entire process of cosmic movement.**

## 5. Dimension Inspiration in Double-Slit Interference

We cannot see the process of particle or material wave function collapse in the observation experiment, because the wave function collapse does not change the material dimension, but the direction of vibration. It is easier for us to form a dimensional balance, or observation behavior can produce collision residual energy. (Collision residual energy will be explained later) **It can only be determined that the observation behavior is related to the remaining energy of high-dimensional collision, because the observation behavior can quickly determine the vibration direction between matter and matter to form dimensional balance.** However, the truth is certainly not so simple, and it will not be discussed here. This may involve a more difficult process to describe. For example, what is the state of the moon when we do not observe the moon at night ? It can be considered as a member

of the surrounding environment, that is, a member of the dimensional balance. But if we only look at the moon, the moon forms a relatively independent whole with us. However, we observe the whole sky including the moon. At this time, the moon is not as easy to concentrate as only observing the moon, or it is only an important member of the whole. **Ordinary matter does not have the ability to observe, but has the direction of vibration (the direction of vibration determines the balance of dimensions).** At this time, their relationship with the moon will be very different.

Final conclusion: Slits promote destroy dimensional balance between particles. However, for quantum particles, the low-dimensional collision residual energy disrupts the dimensional balance within the particles themselves **(There are some jumps here. It can be directly considered that the slit will affect the internal balance of the material.). Yet, when quantum particles emerge from the slit, they will re-establish dimensional balance. If multiple quantum particles enter and exit the slit simultaneously, it promotes dimensional balance among them. It's like breaking down two wholes and then building a whole again.** A slit can be understood as a low dimensional collision residual energy(This conclusion comes from the last part of the article, which can be skipped for now).

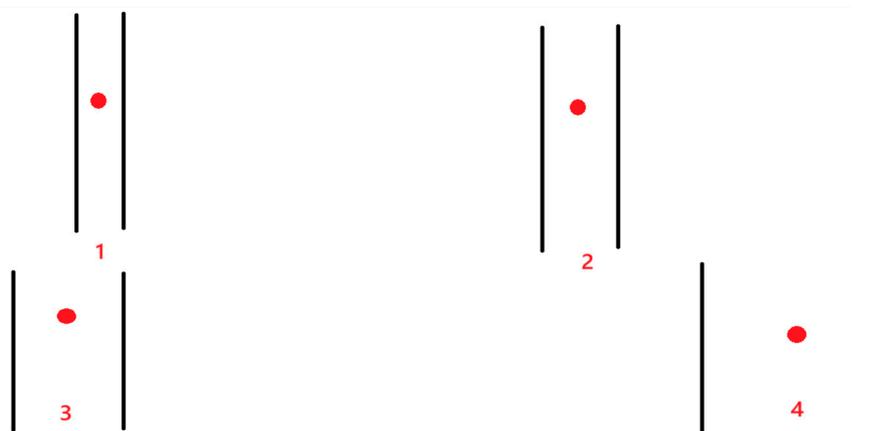


Figure 5.

## 6. Observers and Randomness

(The superposition state is not a substance form, and the particle state and the wave state may exist at the same time for a substance, this represents the ability of quantum to increase and decrease dimensions simultaneously.)

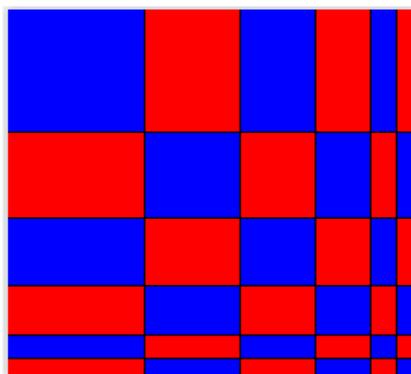
If the form of substance is related to the dimensionality, the original dimensionality of substance will change slightly after entering the slit.

At this time, the total dimension of the object only changes slightly, which can be regarded as the dimension unchanged. But why there is randomness or wave-particle duality or superposition state or path integral. Because there is a dimensional balance (partial dimension increase and partial dimension reduction) within the substance, but the total substance has only one result at this time. **And the dimensions control each other and have infinite dimensions** (The principle of uncertainty is also due to the infinite dimension, and no definite value is the charm of the infinite development of the universe. There is no ability to derive the uncertainty principle here, but it shows that there is an infinite dimension.). The infinite dimension may make us wonder, because the most multi-dimensional string theory, there are only more than ten dimensions. The following will explain why string theory has only a limited dimension, here first go on. Observing this behavior is similar to helping two substances become a whole, 1 If there is no observation behavior (interaction), these two energies can be considered as two separate wholes. 2 But as long as the mutual influence of the two energy will become a substance, that is, into a small whole. But the process of 2 is very slow, but it can be considered to promote the balance of dimensions. 1 is to prevent the dimension balance, only with the help of a larger overall dimension balance. Dimension balance is very important. The following will be introduced. If there is no dimension balance, the positive and negative energy will

be completely distinguished. Some people may think that the reason for the combination of positive and negative energy is charge, but how is the positive and negative charge generated? At the beginning of the universe, if there is only one direction of force-the big bang of the universe. Then there should be no charge, but constant expansion, without a trace of resistance. The singularity before the big bang of the universe is not as simple as the theory of great inflation. **There are still many unknowns, let 's go on.**

Dimensional equilibrium explains the quantum superposition states and non-locality observed in physics. When observers interact or other sensing activities occur, material entities achieve dimensional equilibrium, resulting in a single state. This raises the question: Does ordinary quantum reality truly exist in multiple states simultaneously? The answer lies in how dimensional equilibrium between infinite dimensions creates energy's probabilistic nature - essentially requiring countless dimensions to interact (simultaneously ascending and descending through multiple dimensions). Visual presentation is like a layer on top of another, and in the end only the surface layer is revealed, but there are infinite layers inside. **But this phenomenon is generally not seen at the material level, because matter can be understood as basically composed of basic units of a single dimension (three to four dimensions). Matter has no probabilistic behavior, but the reason is still unclear.** (Here we add a conclusion at the end of the article, if not it may be difficult to proceed - we observe the basic particles, which is equivalent to a large overall observation of a small whole, at this time will not show the positive and negative energy but the direction of vibration. But we observe the surrounding material, equivalent to a small overall observation of a small whole. At this time, it will not show the direction of vibration, but positive and negative.) This involves a very abstract philosophical principle, or pure mathematical principle. Skip this first, and we 'll analyze it later.

It must be said that macroscopic matter is not necessarily without probability. The key is how we understand macroscopic matter. If we observe a grain of sand (or even a planet) from the perspective of a macroscopic super-large whole (galaxy cluster), then the matter at this time can be understood as a basic unit. The probability at this time will also appear. At that time, if we are a planet, it is very certain that we observe the movement of the surrounding planets. This process is not easy to describe. It can be judged according to the comparison of the '  $\infty$  formula ' at the end of the article (it is easy to misunderstand when judging. This formula is to understand our universe as an infinite dimension, but there are infinite universes beyond our universe. Therefore, what we think of infinity is only a specific number in the total infinity).(Here touches on the most difficult part of the study of physics-philosophical speculation. When we observe the quantum, it can be considered as a large whole to observe a small whole. But the essence is that we become quantum, to observe the whole future. This question we leave to professional philosophers, this is not ordinary people can understand.) What we need to understand is that a large whole observing a small whole will produce randomness, while a small whole observing another small whole will produce certainty. About the basic unit, I want to say one thing : the multi-dimensional structure can be understood as a large whole, and the single-dimensional structure can be understood as a small whole. Here the single-dimensional structure is relative to the whole, not to say that the single-dimensional structure must have only one dimension. Therefore, the basic unit will also be a multi-dimensional structure (for example, the planets have many non-integer dimensions), but the basic particles in the standard model, such as electrons, are the most basic units in a framework, so they can only be the standard single-dimensional structure.



**Figure 6.** This picture can be simply understood as the process of particles passing through a slit, similar to an alternation between low dimensional collision residual energy and high dimensional collision residual energy. Particles gain low dimensional collision residual energy to change the overallity.

## 7. Guess the Black Hole

Each photon does not occupy the three-dimensional space, and the dimension of the photon is very close to the integer dimension. The black hole can be considered as the integer dimension of the previous dimension. Another uncertain special celestial body, the white hole, is difficult to exist and has completely negative energy, or real negative energy, and this material is not completely impossible to exist. The 'big bang' mentioned below may be due to the dimensional balance with other universes, so white holes may also exist in other universes (at least our universe does not have white holes, there are also short-lived, there is no need to discuss). This will be explained later: the 'Big Bang' may not be a passive event, but an active energy gathering.

Assuming photons are integer-dimensional matter, then photons should be integer four-dimensional matter (not yet reaching the fourth dimension). Electromagnetic waves or the fundamental particles that generate electromagnetic forces are three-dimensional to four-dimensional matter (forming matter). Dark matter can be understood as one-dimensional and two-dimensional integer matter. Dark energy is all the residual energy from collisions below three dimensions (not forming matter, which can be understood as "negative energy" in relativity, leading to high-dimensional reduction). The role of dark energy will be explained later, so "negative energy" is not accurate at this point. Zero-dimensional points are zero-dimensional matter (which can also be understood as dark matter). Galaxy clusters are from zero to one-dimensional matter (forming matter). The "fibers" of the "Laniakea Supercluster" are one-dimensional to two-dimensional matter (forming matter). Galaxies like the Milky Way are from two-dimensional to three-dimensional matter (forming matter), and black holes are integer three-dimensional matter (not yet reaching the third dimension). In string theory, strings (The vibration mode of the node is the basic unit) are four-dimensional to five-dimensional matter (forming matter), closed strings are integer five-dimensional matter (In fact, gravitons are just a hypothesis and do not actually exist, as gravity is composed of countless fundamental particles (The closed string cannot be simply understood as the graviton we have been looking for. Like the three-dimensional world can not be understood as composed of photons.). Different environments with stronger or weaker gravitational forces contain different fundamental particles. If that's not clear, imagine that photons describe electromagnetic fields, and closed strings describe gravity. When all four-dimensional matter ascends to five-dimensional matter, all open strings will become closed strings. However, this process is much more complex than in the three-dimensional world. Therefore, while gravity can be described by a fundamental particle, this is not entirely accurate.), and the membrane is the residual energy from the collision of matter dimensions (not yet forming matter or serving as a background space. This explanation is not entirely accurate, as string theory encompasses a variety of membranes, including the M-brane. The M-brane can be understood as the residual energy from collisions in low dimensions and high dimensions. However, the D-brane represents specific dimensions 0-9, meaning that while the D-brane is

essentially the residual energy from collisions, it more specifically describes concrete matter. One might wonder why there are these specific dimensional membranes, because the cross-dimensional balance requires 0-9 material dimensions to form strings (4-5 dimensions). If you don't understand, you can skip it). Later explained why string theory could unify other matter. Here I assume that the string is easier to understand as a vibration mode of the string. Because the string does not represent four-dimensional to five-dimensional matter, but many kinds of vibration modes of the string. So the essence is not the string, but the vibration mode of each node of the string, but for ease of understanding I describe it as the string.

White hole I think can not be considered, because at present the universe does not exist pure negative energy material. Or matter with negative energy greater than positive energy. If it exists, it cannot exist stably for a long time. Unless there are other universes that have dimensional equilibrium with our universe, this would make the problem much more complicated. And we don't have an overall dimensional reduction process in our universe, so we can ignore that. So negative energy matter, which we think has more negative energy, is hard to exist for long periods of time.

## 8. Collisions Produce

There is a zero-dimensional point in each unit space, and there are nearly infinite zero-dimensional points in the universe. But the universe must have boundaries (friction). Or that friction can change the boundary, which is to say, constantly create new space. It also seems to represent the high-dimensional collision residual energy as a kind of boundary, (As we will see later, the residual energy of high dimensional collision is used to promote the dimensional balance within the matter, while the residual energy of low dimensional collision is used to promote the dimensional balance outside the matter. Or understand the low-dimensional collision residual energy as a catalyst for expanding the dimensional structure.) and that the universe was not infinite in the beginning, there was a boundary (the universe was described at the beginning as the Big Bang. Don't discuss everything outside the universe.). This may seem paradoxical, but this friction must exist. That is to say, there was an internal dimension difference in the universe before the Big Bang. There is no specific beginning or end, and there is no specific dimension (In other words, the initial zero-dimensional point isn't entirely zero-dimensional. If you do not consider things outside the universe, you can think of it as a zero dimension. As we'll explain later, the zero-dimensional point in our universe could represent another dimension in other universes. Now we don't talk about everything before the birth of the universe, just the Big Bang. There are countless zero-dimensional points in the universe, as well as slight dimensional differences (special zero-dimensional points). At this time, the universe gathers low-dimensional collision residual energy from the outside world, thus forming the Big Bang. (As we will see later, the residual energy of high dimensional collision is used to promote the dimensional balance within the matter, while the residual energy of low dimensional collision is used to promote the dimensional balance outside the matter.)

This might sound contradictory at first. Let me clarify: The zero-dimensional points at the universe's birth are zero-dimensional to us, but may already exist in higher dimensions for matter beyond the universe. Among these, some unique zero-dimensional points originate from a completely independent entity—the "Great Creator" —which I assume represents all such initial zero-dimensional points in the universe's creation. This singular point exists without any other zero-dimensional points or energy (though it might still contain some zero-dimensional elements, for now we consider this to be the case). This "Great Creator" generated numerous universes, including our own, each containing unique "Small Creators" —the special zero-dimensional points I'll discuss later. **(The origin of these particles isn't discussed here, but it's certain that every dimension in our universe has their "afterglow," existing either as independent entities or interconnected systems. It also means that this particularity is decentralized and connected. This article avoids exploring the properties of these small zero-dimensional points or the dimensional balance between positive and negative dimensions, as they might lead to theological interpretations.)** These "creators" share a common trait: they contain negative dimensions (Small zero-dimensional point) or

are not initially integer-dimensional. While this passage may seem out of place here, we can skip it for now. As for why the Great Creators could initially gather low-dimensional particles to collide and absorb residual energy, we'll set that aside temporarily. This discussion might require expanding or contracting the scope again, which the author finds objectionable—like endless cycles without a beginning.

We assume that the universe begins at infinitely many zero-dimensional points. The universe began as a single point of sudden vibration (aggregation low-dimensional collision residual energy). Since the surrounding point is stationary, the vibration point will collide with the surrounding point “elastically”, causing the vibration of the surrounding point and propagating the collision to the surrounding point. As a result of these collisions, the central point and the surrounding points form the same collision frequency (Suppose the universe has boundaries). As the collision continues, the first momentum will disperse. Until the total momentum in one direction is zero (Or it can't be transmitted), but there will still be a weak residual energy that can be gathered again to one of the points (which is already the point on one-dimensional substance, or it could be a carrying relationship). New vibrations occur (in different directions).

## 9. The Necessity of Mathematics

When the center point suddenly vibrates, there will be a positive direction (The direction of the first collision). Suppose that a square (The shape is determined by the current dimension) is filled with countless points, without any gaps. (There must be no gap, which may not be possible in common sense, but the gap can be filled with units of higher dimensions, and there is no conflict here. As mentioned above, there may be no beginning of rules. The big bang here is just a link in a larger universe. Therefore, there are infinite dimensions at the beginning of our universe itself, but we do not discuss these, only that there are countless zero-dimensional points filled with the universe at the beginning (the moment when the positive energy in any dimension is the largest). Any dimension is filled with countless basic particles with maximum positive energy when it is just formed, and then gathers the residual energy of low-dimensional collision for dimension elevation. We can understand this moment as the beginning of time or the beginning of the Big Bang, and that's okay.) . When the center point vibrates, the resulting collision will propagate around. Since collisions are not infinite, they stop when energy is exhausted or a closed loop is formed. The process is similar to dispersing energy into countless small pieces. After a certain period of time, the vibration mode evolves,, which drives the vibration of the surrounding points. **but the universe must be filled with countless zero-dimensional points on average at the beginning.** After a point vibrates back and forth, it shows two very different trends : forward movement and backward movement. Both trends are multiples of  $\pi$  Figure 7. And the two trends are the vibration of a substance. The collision of two directions can produce two ways of dimension change, one is to promote dimension change, and the other is to prevent dimension change. Due to the decrease of momentum consumption and collision frequency, the positive vibration is greater than the negative vibration. In addition to the vibration and collision of zero-dimensional points in this process, there are two variables: one is the low-dimensional collision residual energy that causes the motion of zero-dimensional points, and the other is the friction force in the motion process that is the high-dimensional collision residual energy. And these zero-dimensional points are matter. Low dimensional collision residual energy continues to provide energy to these zero dimensional points, while high dimensional collision residual energy continues to produce and increase the dimension. We also know that the higher the dimension, the less energy, so high dimensional collision residual energy will become weaker and weaker.

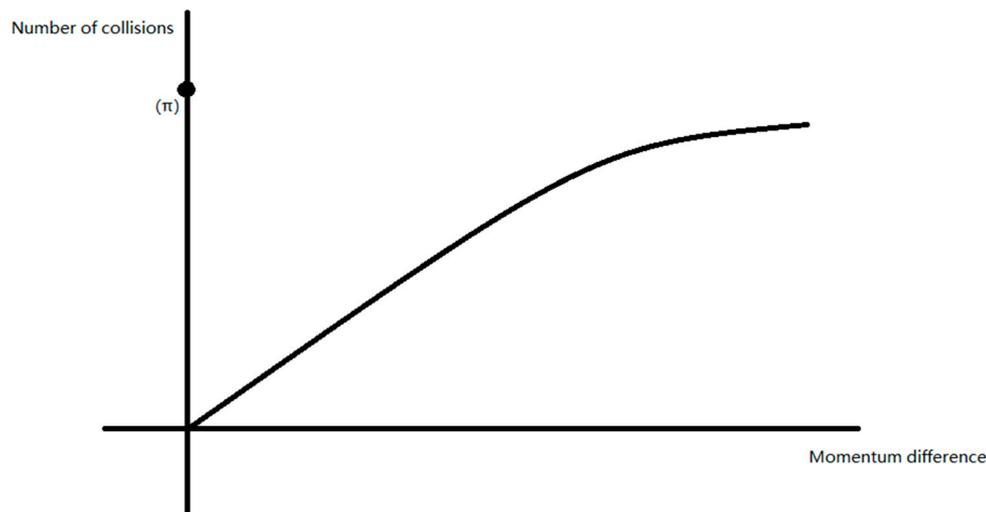


Figure 7.

## 10. Conjecture

The substance is controlled by stratification, in which the point vibrates into a line, the line vibrates into a plane, the plane vibrates into a ball, and so on. Of course it's not that simple.

Why is there another chapter here, because later in the article, it will be mentioned that low-dimensional substances can be understood as composed of high-dimensional substances, and I am afraid that there will be some misunderstandings. **In fact, these two methods of understanding are not conflicting, now we do not talk about why not conflict, just need to remember that these two methods are correct.** Because this seems very simple, but may involve a very complex philosophy. It can be simply considered that the universe expands outward and contracts inward.

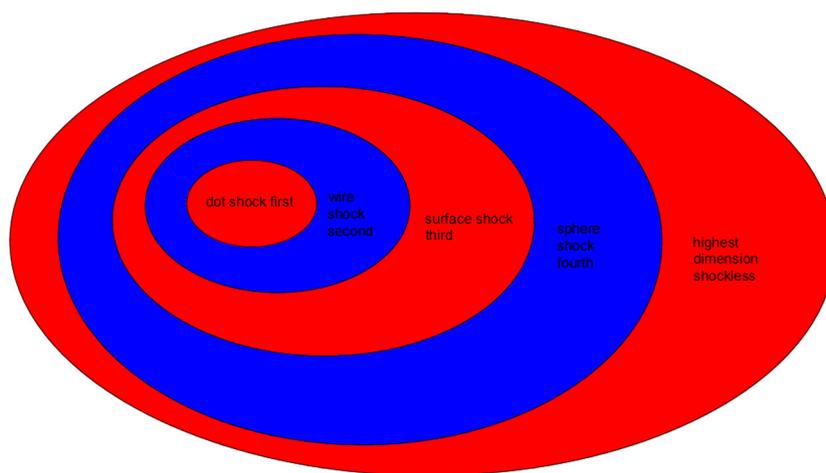


Figure 8.

## 11. The Inspiration of Mathematical Logic Given by Riemann Conjecture

We first consider the big whole: based on the previous statement,  $\pi$  is related to the number of collisions; Then analyze the collision unit. Note that  $e, (1+1/n) * n$ ; this formula is the base number of energy transmission. And the imaginary number  $i$  is the direction of a dimensionality generated by

collision in the presence of one dimensionality. The imaginary number  $i$  can also be considered as a process of infinitely dividing an energy into countless small energies or a process of interaction between positive and negative dimensions or a combination of high-dimensional collision residual energy and low-dimensional collision residual energy (Note that the imaginary number  $i$  has a lot of meaning, because it is too complicated to explore here).

$e \cdot i$  is equivalent to the process of passing to this new dimension (each vibration brings a new direction of collision). This length can also be considered as the process of energy dimension increasing. That is to say, each new dimension addition is equivalent to the 0 energy of the previous dimension; of course, 0 is an approximation (The new dimension here refers to the new integer dimension).

The formation process of the new dimension is similar to the calculation process of the bank's compound interest. A straight line collides with a plane composed of  $n$  straight lines (or elastic collision with the wall). Let  $V_1$  denote the velocity of the line and  $V_2$  denote the velocity of the line in the plane.

$$\frac{1}{2}MV_1^2 = \frac{1}{2}nMV_2^2$$

$$\frac{1}{n}V_1^2 = V_2^2$$

This formula shows that: with this formula we understand the physical meaning of  $e$ . Suppose that there is a straight line which is an entire one-dimensional substance and there are countless zero-dimensional points in space. At this point, the line has low dimensional collision residual energy, which can only be concentrated on a quantum in the straight line. This energy causes the quantum to collide for the first time (a collision here describes an integer ten times the number of  $\pi$ ). At this time, the quantum collision to the wall will undergo an elastic collision (wall refers to countless zero-dimensional points). The energy of the wall rebound is excited to all the quantum on the straight line. The residual energy from the high-dimensional collision of the rebound still produces and concentrates in a quantum, but the next collision wall not only includes this quantum but also includes the  $n$ -dimensional substance generated by the first collision (this formula is similar to the 1.000001 dimension. Because the remaining energy from the low dimensional collision will continuously excite this line, and this is the process of excitation once. But eventually the remaining energy from the low dimensional collision will all be excited, resulting in the line being raised to the whole two dimensions. **But at this time, the remaining energy of low dimensional collision and high dimensional collision will also reach the integer dimension**). This process needs to last for countless times, the collision residual energy is similar, and the number of times of this process is similar to the  $n$ -th power. Here  $n$  is not a number but it is infinite. Therefore, the process of one integer dimension ascending to another integer dimension is similar to that of bank compound interest, but each collision of individual quantum is  $\pi$  times, and each collision is similar to a new collision direction  $i$ . Finally, the negative energy with the same energy can be generated to offset the positive energy brought by the residual energy of the first collision. Form an integer dimension substance. Explain that the Euler's identity is only applicable to the process of large whole dispersed into numerous small whole, and it is an energy cycle, not a substance cycle. With the change of dimension, substance is changed. 1 in the Euler identity is the initial collision residual energy, that is, the difference between positive and negative energy at the beginning. Result-1 is the increment of negative energy after rising an integer dimension

The Riemann conjecture:  $1+1/2^s+1/3^s+1/4^s+\dots$ [6]

**The Riemann conjecture is more about understanding new dimensions in terms of the direction of vibration.** Let's understand the new dimension from a different perspective. Let us say that we start with a point with mass 1 and velocity  $V_1$ . The velocity of each point after  $n$  passes is set to  $V_2$ .

$$\frac{1}{2}MV_1^2 = \frac{1}{2}M(V_2^2 + V_2^2 + V_2^2 + \dots)$$

$$\frac{1}{2}MV1^2 = \frac{1}{2}MnV2^2$$

$$\frac{1}{n} V1 = V$$

We exchange energy for speed, or we separate each collision (here the collision is also refers to the  $\pi$  of the whole tens of times), here refers to the speed added until can 't produce acceleration. Because the positive energy is equivalent to acceleration, and the negative energy is equivalent to deceleration, as long as the deceleration is equal to acceleration, the substance can not produce acceleration in another direction. It can not be raised again. The Riemann conjecture expresses the residual velocity of the collision that can be generated after each dimension increase (**It's a motion process that shows that there's still energy left over after adding a new vibration direction, so it produces the next vibration direction.**). The most important part of this formula is the imaginary part, which is related to the number of collisions that have been previously collided with. The imaginary part describes the number of future collisions (The imaginary part can be understood as any integer dimension later). **Whenever a zero-dimensional point vibrates in space, there is a slight energy loss or friction between the energy and space (the friction with space creates new space). This friction can cause the next dimension to be rebounded, and the rebounded energy determines the location where the remaining energy from the next low-dimensional collision will accumulate. The difference in accumulation points can be understood as the difference in vibration direction.**

The higher the dimension, the less likely the substance is to improve the dimension. Therefore, increasing the speed is also a way to improve the dimension. The direction of vibration is generally determined by the dimensional balance (energy balance) in the large whole. The direction of vibration is a highly complex issue, but it is indeed determined by dimensional balance. Different dimensions of matter form dimensional balance with different substances, and the overall nature of these substances is determined by the residual energy from high-dimensional collisions. This residual energy from high-dimensional collisions controls the formation of two units into a whole, thus determining the future direction of vibration. At this point, the residual energy from low-dimensional collisions primarily determines the frequency of vibrations, but this also implies that there is mutual influence between the residual energy from low-dimensional and high-dimensional collisions.

Assuming we know the integer dimension of a substance (for example, a 2.2-dimensional substance has an integer dimension of 2), we can understand the process or nodes of increasing the dimension from 2 to 3.

There is a strong correlation between this kind of node and cross-dimensional balance, such as: even = prime number + prime number. Prime number can be simply understood as nodes, while even is the result of dimensional balance (The internal dynamics change, but the overall positive and negative energy balance is balanced. The even number can also be understood as equal positive and negative energy, or there are fixed boundaries on both sides) At this time, the boundary needs nodes in two dimensions (the remaining energy of high-dimensional collision and low-dimensional collision remain unchanged, or the external static dimension forms a fixed boundary)

Furthermore, we gain a new perspective on how the universe expands. As discussed later, the combined effects of high-dimensional collision residual energy and low-dimensional collision residual energy drive accelerated expansion without showing signs of contraction. This phenomenon resembles matter continuously expanding dimensional structures. Here, dimensions act like prime numbers, while matter functions as central even numbers (with each increment of even numbers creating new cross-dimensional equilibrium structures. Furthermore, we gain a new perspective on how the universe expands. As discussed later, the combined effects of high-dimensional collision residual energy and low-dimensional collision residual energy drive accelerated expansion without showing signs of contraction. This phenomenon resembles matter continuously expanding dimensional structures. Here, dimensions act like prime numbers, while matter functions as central even numbers (with each increment of even numbers creating new cross-dimensional equilibrium structures). Thus, cosmic expansion mirrors the perpetual expansion of these dimensional

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Although I am not familiar with mathematics, this suggests that the distribution of prime numbers has deeper physical significance. Of course, it's not that simple, but just understanding some of the nodes of change in the material dimension and a clearer relationship between mathematics and physics (For example, the relationship between numbers and dimensions. Generally speaking, the higher the dimension, the more difficult it is to upgrade the dimension.) , Or the connections between the branches of mathematics are established through physics. For now, I will not delve into the analysis.

The law of energy transfer can be realized only when the real part satisfies  $1/2$ . The Riemann conjecture is related to the energy in the new dimension (The direction of future vibration is indirectly presented by the change of velocity), and the Euler's identity is related to the position of the current dimension (The number of future vibrations is indirectly presented by the change in energy). Here we seem to understand that time creates space or creates a new dimension. So can we also think that time can also achieve dimensional balance, there will be no time part of dimensionality reduction. However, time may only be a concept that does not exist (It could be an abstract concept or a concept of infinite multidimensional combinations). The change of dimension can only change the speed of time, but not the direction of time. Because both positive and negative motion produce time.

Whether  $\pi$  is an irrational number depends on the dimension. The lower the dimension, the closer the number of collisions is to  $\pi$ . This expression will remind us of zero dimensions or not the smallest dimension of the universe. **This expression process may lead to misunderstanding. It can be considered that the more the dimension structure, the closer the number of vibrations to  $\pi$ . This also proves that the dimensional structure can be infinite.**

The next point is crucial (you can skip it if you don't understand): we can only observe the expansion of the universe, not its contraction (the reason will be explained later). This does not mean that no other universes exist; on the contrary, the existence of other universes would cause our universe to continuously expand.

The basic law of is not complex (running direction), but complex is the balance of dimensions in the whole and the direction of vibration caused by the balance of dimensions. This way does allow the universe to resolve the first anomaly, but not the direction. As long as the residual energy aggregation point of the collision is uncertain, the unit and vibration direction of the subsequent ascending dimension cannot be determined. **This will lead to the process of ascending dimension is not so regular, or produce some nodes. There is no analysis here for the time being (The node can not let us know the direction of the next vibration, but it can help us to expand the dimension structure, which will be discussed later.)**. But it also means that the universe's initial dimensions are not completely zero or that there are other dimensions outside the universe. I personally don't like this complexity. But it is still highly possible that there were non-zero zero-dimensional points before the Big Bang.

Although the vibration direction of the small whole in the large whole is very different, in general, we can think of it as a similar vibration direction. Here I think of an interesting argument : the higher the dimension, the more negative energy, does it mean that the performance of negative energy is more obvious? **If we consider the direction of vibration, the higher the dimension of the material, the more the direction of vibration, which will lead to the negative direction of the vibration direction is not single. This will affect the way of expression.**

Is dimensional balance something that might confuse us? Because in the article dimensional balance is quantum entanglement, but in reality there are very few cases of quantum entanglement. In fact, quantum entanglement is the result of a complete dimensional balance of matter (the same direction of vibration). The process of forming quantum entanglement is called dimensional equilibrium (The special nodes mentioned at the end of the article are very similar to quantum entanglement.). For the matter that has not reached the quantum entanglement state, the dimensional balance process between them depends on the transmission of electromagnetic waves, while the

matter that has formed quantum entanglement has reached the same space, and their dimensional balance does not depend on the three-dimensional matter. So the dimensional equilibrium speed between two objects that have not yet formed quantum entanglement is the speed of light. That's a little hard to understand. Another difficulty is that we think of the electric field and the magnetic field as energy fields of the same nature, but in fact the electric field is caused by the difference between two positive energies of matter, and the magnetic field is caused by the difference between two negative energies of matter (this description is not accurate, but it can be understood temporarily). Magnetic monopoles do not exist because there are no real negative energy particles, but the negative energy effect can exist. The electromagnetic field is the most extreme two-dimensional matter (with the most positive energy) among the low dimensional collision residual energy, so the electromagnetic field can be generated independently without the high dimensional collision residual energy. In other words, the electromagnetic field belongs to the product of one-dimensional matter (the lowest dimension in two-dimensional matter). The strong interaction is also relatively simple and belongs to the product of two-dimensional matter (The highest dimension in two-dimensional matter. Note that unlike black holes, fields belong to the collision residual energy is not matter, because for three-dimensional matter, strong interaction has become the previous dimension, and black holes have no subsequent dimension). However, the weak interaction is complicated. It is not an integer dimensional matter, so it is a product of one-dimensional to two-dimensional matter (The matter between two and three dimensions). That is to say, the weak interaction is a non-integer dimensional field, which is also the most difficult to analyze, and will not be discussed for the time being. There might be some confusion regarding the dimensional balance between cross-dimensional substances. In fact, there's no need to doubt that the residual energy from low-dimensional collisions, as mentioned later, generates positive energy, while balancing the negative energy within three-dimensional matter. However, this does not mean that the residual energy from low-dimensional collisions is negative energy.

Because the residual energy of high dimensional collision can be understood as the influence on the future, the residual energy of low dimensional collision is more the influence on the past. So we can slightly feel what has not happened in the future, but it is not accurate. **There is also an interesting phenomenon on this point : in a very short period of time, the past and the future can influence each other.** This is difficult to understand, and some thought experiments are needed. The future can be understood as the time that has not yet been generated, and time can generate space, that is to say, the future is the space that has not yet been formed. There are two forms of energy in the unformed space, one is the real future (the impact of collision), and the other is the virtual future (High dimensional collision residual energy). The virtual future can react with the large amount of residual energy accumulated in the past (low dimensional collision residual energy). This reaction is mutual, because the process of forming substance in the new dimension will also have a dimensional balance. We can be understood as adding water in a fixed container, the speed of our water can be affected before and after. The dimensions of the future will change, and the dimensions of the past will also be affected, but this process is instantaneous. In other words, the volume of water in the container determines our rate of adding water (the volume of water is determined by the past. If we change the future rate of adding water, we will unconsciously alter the past rate of adding water. However, it's important to note that this change or influence is very brief. The interaction of the two collisional residual energies causes the matter to rise in dimensions, while the process of dimensional decline disappears. However, forming a dimensional balance takes time. This means that even after a dimensional balance has been established, the overall process of changing dimensions still requires the continuous formation of dimensional balances. The formation of dimensional balance essentially involves equal positive and negative directions (equal vibration directions), which requires a process. **At this point, the prototype of the final conclusion emerged: that the past should also be a collision residual energy (low dimensional collision residual energy), and that there is a relationship between the two collision residual energies.** However, the influence of high dimensional collision residual energy on low dimensional collision residual energy only occurs when the high dimensional

collision residual energy changes abnormally. In other words, at this point, a low dimensional collision residual energy is needed with very low dimensions, and the process takes almost no time. Because ordinary matter can only contact or touch the collision residual energy of adjacent dimensions, and the cross-dimensional influence does not directly affect three-dimensional matter. In fact, the dimensional balance in the universe is very complex, because the universe has infinite dimensions. So some of the more complex processes are not discussed in this paper.

Finally, there is another conclusion about the Riemann conjecture: to raise matter to an integer dimension requires an infinite number of new vibration directions, and there are also infinite dimensions. The number of vibration directions determines the current non-integer dimension. Countless vibration directions also represent the dimensional balance of all dimensions. Because no matter how many dimensions a material is in, there are low and high dimensions in front and behind to determine the state at this time. Therefore, what really determines the vibration direction is the dimensional balance formed by all dimensions together. So the imaginary part of Riemann's conjecture can only be the direction of vibration at this time, so I think the direction of vibration in non-integer dimensions is determined by the number of previous integer dimensions. So just consider the integer dimension. Read here you may doubt life, in fact, the author to here is also unknown. Because the author to the end to barely figure out what the non-integer dimension is, or the universe itself is a non-integer dimension of matter (However, the non-integer dimension can be split into a combination of many integer dimension substances.). It is possible to understand some when you wait until the last diagram of the article, and you can read it and understand it again. The upper half of Figure 22 can be considered as a positive direction collision, or it can be considered as numerous positive and negative direction vibrations (positive direction begins, positive direction ends). The lower half can be considered as a negative direction collision, or it can be considered as numerous positive and negative direction vibrations (negative direction begins, negative direction ends). Don't be afraid, let us continue.

Explanation of dimensional balance: We understand that dimensional balance ultimately leads to quantum entanglement (making the two vibrate in the same direction). When we do circular motion from a lake surface, we will find that there are different positive and negative energy components (reflective surface and dark surface transformation position) on the lake surface at each moment.

## 12. Understanding Dimension

The original integer dimensionality determines the complex part in the Riemann hypothesis.

Substances of the same dimensionality must be the same (Do not consider the internal, Or the internal dimension distribution). Different dimensions combine to form a new dimension, such as  $2.1 + 2.3 = 2.2$ , but the newly generated high dimension is not easy to be generated by the original single dimension, for example, 2.2 Upgrade to 2.23 on your own (this process is too slow, the basic fast dimension change comes from the dimension balance). 2.23 can affect the motion of 2.2.

Although 2.2 has a significant impact on 2.23, due to the huge energy of the two-dimensionality vibration itself, it cannot directly change the vibration direction of 2.23. So  $2.2 + 2.23 = 2.2\dots\dots$  2.2 and 2.23 have the same vibration direction but are different types of substances. Due to the principle of collision, assuming the energy of three-dimensionality substance is 1, in the process of forming three-dimensionality substance, the energy of two-dimensionality substance is n times that of three-dimensionality substance, because the Riemann  $\zeta$  function causes the new substance produced by the two-dimensional substance to be always an integer multiple of the entire three-dimensional substance.

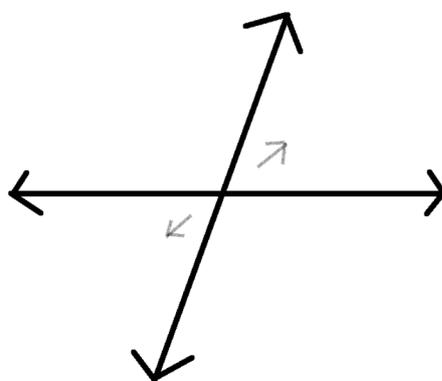
A zero-dimensionality point vibrating into an infinite-dimensionality point will eventually come to a complete stop, until all points vibrate into infinite dimensionalities without colliding (This process is actually quite difficult to understand: do not think of zero to one dimension as an independent zero-dimensional point. Zero to one dimension encompasses the entire universe, and when the entire universe ascends by one dimension, all the zero-dimensional points within it will

become infinitely dimensional and completely dispersed. This is because ascending by one dimension also means that the central zero-dimensional point becomes infinitely dimensional. If you cannot understand this, you can interpret Figure 8 as the zero to one dimensional universe). For the universe to increase its dimensions, it would have to go through another big bang. It will gather high-dimensional collision residual energy from other universes.

Assume that the first 2.2 dimensions of 2.2 and 2.3 have exactly the same or opposite directions of vibration, these two substances can combine to form a new dimensional substance. **This new substance has a characteristic that it can exist as a single substance rather than a combination of two substances, at this point entanglement occurs(Dimension balance).**

It is difficult to accurately raise the dimensionality from 2.19 to 2.2 in large quantities of producing a certain dimensionality energy. If we want more 2.2 energy, we need more 2.1 and 2.3, which means higher and lower dimensionality energies need to become more. This way, the probability of producing 2.2 will also increase. Here is only a combination of high and low dimensions into a material dimension, which does not represent a fixed number.

However, any substance contains positive and negative energy, and a static substance mass is the negative and positive energy difference. As shown in Figure 9, the direction of the vibration represents the positive and negative energy, and the difference between the positive and negative energy determines the magnitude of the dimensionality, so the moment of the vibration represents the dimensionality of the substance at this moment. If the relativity of the frame of reference is not considered, the substance of the same dimensionality must be the same. That is to say, two substances of the same dimensionality have the same total positive and negative energy, but the direction of positive and negative energy vibration is different. Therefore, there will be different internal components for the same dimension. In addition, it should be noted that if it is a 3.4-dimensional substance and a 3.5-dimensional substance produced by the same whole, the first three dimensions of the two substances are not easily observed.



**Figure 9.** The vibration of two-dimensional substance in space will produce two directions of motion.

Next, we consider a special case where the velocity of the substance reaches the speed of light  $c$ . In the previous analysis, we know that the speed of motion reaching the speed of light is equivalent to time pause, and time is equivalent to the comparison of substance motion and space motion. Positive energy and negative energy are equivalent to shrinking space and stretching space. The substance reaching the speed of light can not produce space deformation, that is, can not occur relative collision, the positive and negative energy of this substance is equal. **It is almost impossible for integer dimensional matter to increase its dimension, because there is no more collision residual energy at this time. However, as long as all non-integer dimensional matter rises to integer dimensional matter, the whole at this time can be regarded as non-integer dimensional matter in another dimension. Then, there will be a higher dimensional collision residual energy to help lift the dimension. In fact, it generally won't increase dimensions again because I didn't consider the residual energy from low-dimensional collisions before. In fact, once all the units in**

**one of the overall dimensions rise to the next integer dimension, all zero-dimensional points in the entire universe will ascend to infinite dimensions. This process is not complicated; we just need to consider that the residual energy from low-dimensional collisions continuously generates low-dimensional matter. The specific entire process will not be explained here; you can read the article and think independently.**

There are four kinds of forces that are most easily observed in any dimensionality of substance. Assume that the dimensionality of a substance is 2.2, 2 dimensionality can produce a strong force, 0.2 can produce a weak force, the positive and negative energy difference between this substance and other substances can produce a force, the new dimensionality of this substance can produce a force. There is another force that is not easy to find, because the energy is too large and stable. This force is the previous dimensionality energy that 1 can generate. **This force is special and can only be possessed by a super large whole (Small whole can have them, but they are few and unstable). In general, the first few dimensions of matter reach integer dimensions and there is no such force. All super large whole: all one-dimensional to two-dimensional whole can possess dark energy (This force is not the force of dark energy, but the energy within dark energy).** We know that the change of dimension depends on the alternation of positive energy and negative energy. If the positive energy and negative energy are basically balanced, it is difficult to change the dimension. This is a node problem, which will be discussed at the end of this article

Theories about people or living things can only be stated in advance as inspiration, because living things are far more complex than ordinary matter and have certain peculiarities that may affect the basic laws of physics: The most obvious vibration in the organs is the heart(The lowest dimension). Although the brain determines the complexity of the body. However, it is clear that the changes in the brain do not directly affect the organ but the movement behavior. This process is not as good as the impact of changes in the heart on the organ. After strenuous exercise, the biggest change is the heartbeat, here does not consider breathing changes in lung activity. Because body movement is a smaller dimension of ascension, it has the greatest impact on the lowest dimension. Similar to the dreams, weak dimensionality reduction has the greatest impact on the brain. The slight effect during sleep may lead to a slight dimension reduction and the brain has the greatest impact. Anyone who is slightly uncomfortable when sleeping is likely to dream. So dreams can be simply understood as a mode of dimensional elevation of anomalies. That is, dreaming has a stronger dimensional enhancement ability than ordinary sleeping. However, both sleeping and dreaming are somewhat different from the general process of dimensional elevation. This is more like a method to gather residual energy from collisions in lower dimensions (this is just a guess, the specific process should be very complex). But after reaching the night, the body part of the human body has reached the limit (used to lower dimensions). Without sleep, the dimension of the body cannot rise. Let's say we put a person in a dark, closed space (dimension reduction), and if he doesn't sleep he will suffer. It can be seen that photons belong to negative energy and darkness belongs to positive energy. Some people may wonder what darkness means. Darkness can be understood as low-dimensional collision residual energy, or the background space formed by dark energy (Note that this is a different concept from color). Because the higher the dimension, the more difficult it is to ascend the dimension, so there is a lot of light at night now, which slows down the speed of ascending dimension (stops sleep). At this time, there must be some doubts : shouldn 't the higher dimension of photons lead to the higher dimension of matter ? Photons can also increase the dimension of matter, but we know that matter can not only increase the dimension for a long time, but also increase the dimension and reduce the dimension at the same time. Because vibrations or collisions can 't just go in one direction. And I think the effect of sleep lifting is much greater than that of light. So light can prevent sleep. It may also be that some people cannot accept that photons belong to negative energy. Since Figure 3 shows that the external manifestation of negative energy is positive energy, this may allow us to accept reality. The residual energy of the collision can promote the rise of the dimension, so having too much residual energy of the collision will increase the generation of negative energy.

Some might think that aggregating residual energy from low-dimensional collisions should be a process of dimension reduction. While this is valid (**Although the higher the dimension, the higher the proportion of negative energy. But whether it is positive or negative direction. As long as the new direction of vibration is essentially in the ascending dimension. However, the author understands the positive direction vibration as dimension reduction, in order to help readers understand the gap between the two. And the following will talk about the role of gathering low-dimensional collision residual energy is to expand the dimensional structure, so it is to help the material break through the node.**), what I want to explain here is the node problem in dimension elevation. Without breaking through nodes, dimensions cannot be increased. This describes the purpose of sleep rather than the actual sleep duration. It's like when you can't sleep well, you can't exercise properly during the day. Whether it's sleeping or dreaming, it's a feature of ordinary matter that's not obvious, even though other matter has the ability to gather and disperse and collide with residual energy. But this process is not obvious and irregular (Irregularity does not represent necessity, or rather is not a larger whole. Or it is just a one-dimensional structure, which does not have the stability of a multi-dimensional structure. Combined with the following text, we have to suspect that sleep is related to small zero-dimensional points. People who dream a lot are depressed, but still have a hard time getting out of sleep, as if it were an essential part of sleep. And people who wake up because they're dreaming have a hard time falling back asleep. This is more like the alternation of positive and negative energy when a small zero-dimensional point is reduced. So I interpret dreaming as excessive dimension elevation. These are heuristic thoughts and should not be regarded as a perfect theory. The truth is far more complicated than that)

The higher the dimension, the more the direction of substance vibration. Without external force, the complex vibration direction will make it difficult to reduce the dimension. because of the direction of vibration, the speed of response is slow, duration was longer.

The principle of dimension balance is positive and negative energy balance. A substance 's short-term ascension dimension will be accompanied by the reduction of the surrounding substance dimension. **Therefore, we can also know that high-dimensional matter may be accompanied by low-dimensional matter around it (The dimensions of the surrounding matter may not change, but the relative dimensions will).**

When two substances with different vibration directions coexist for a long time, the vibration directions and trends of the two substances will become similar, because long-term collisions will produce forces that change the vibration direction. This explanation can help us understand the concept of dimensional balance. Long-term coexistence can be understood as the occurrence of dimensional balance. Why positive energy is greater than negative energy. Here, we regard the positive energy as a compressed space and the negative energy as a stretched space. This is only a microscopic expression. For macroscopic matter, the positive energy is only the result of the interweaving of positive and negative energy, but the positive energy is larger. **If we take the volume of substance as an example, it is better to understand, so positive energy greater than negative energy will rise in dimension.**

The above describes the process of dimensional balance, and there is another phenomenon that is similar to this process. Quantum tunneling visualizes this process. Dimensional balance is akin to a collision between two substances, where the vibration directions of the two substances gradually become similar. Suppose a quantum collides with a wall; at this point, the wall represents a larger whole or higher-dimensional matter (the higher the dimension, the more pronounced the reaction). (There is a misconception that needs clarification: it's not true that the larger the wall, the higher the dimension; on the contrary, if the material does not change, a larger volume indicates a lower dimension. Additionally, it also relates to the width of the wall. The collision is unidirectional; if the material does not change, a wider wall indicates a lower dimensional direction). The wall will produce weak quantum vibrations with a similar direction to the impact quantum. Therefore, quantum tunneling is not about actual energy passing through but rather the formation of new quantum states similar to the impact quantum (although the process still satisfies the law of

conservation of energy). Regarding the relationship between volume and dimensions, it should be noted that the higher the dimension, the greater the volume. However, as dimensions increase, the basic units of matter undergo certain changes. But these changes are not simply from one unit to another; they are proportional changes. Overall, the higher the dimension, the greater the proportion of negative energy.

According to Figure 10, we can observe that positive and negative energies are produced simultaneously. Theoretically, these energies should be perfectly symmetrical. However, why do they not appear completely symmetrical in practice? This is because the essence of energy lies in the number of collisions. The number of collisions determines that energy is not conserved. In certain scenarios, the number of collisions can be either odd or even. When the number of collisions is odd, it results in a higher amount of positive energy in matter. The truth may be more complex, but it can be understood this way: to eliminate energy in one direction, at least the same number of collisions must occur in the opposite direction to completely eliminate the energy.

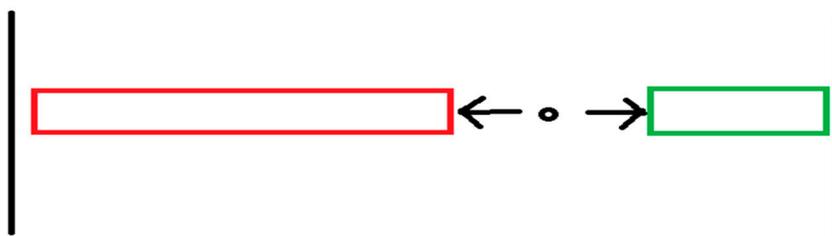


Figure 10.

Once again, we return to the quantum entanglement effect and discuss why the speed is infinite (super velocity of light). What characteristics will be produced when two substances become one substance. The space between two substances and the two substances can form a dimensional balance. Similar to two points colliding back and forth in a unit space, that is to say, two energies form a small whole. Within a larger whole, there can be smaller wholes, which can be understood as higher dimensions (The higher integer dimension here can also be understood as the higher non-integral dimension, which is a conversion relationship. If you don't understand, you can leave it alone for a while). If the dimension can be infinitely high, then the small wholes can also be infinitely small. The whole represents the dimensional space, that is to say, the space is infinitely small, so the speed of quantum entanglement can be infinitely large. After the universe finally forms the highest dimension, there is no energy difference in substance. The dimension of the whole substance is exactly the same, similar to the disappearance of substance and energy, only the boundary. In fact, the boundary can also be understood as non-existent, but I think there will still be a boundary, because the universe may continue to rise in dimension after reaching integer dimensions (That's not the point. Don't worry about anything outside the universe for now. The boundary here is a difficult point, there are three cases can form a boundary. The first case is that the remaining energy of high dimensional collision is weak, the boundary generated at this time is the boundary between the excess one-time collision and the residual energy of the collision. The boundary at this time can be understood as a multi-point collision, which determines the energy nature by the positive and negative nature of the first collision (The energy properties of the last collision lead to a pure matter boundary, which can also be understood as the direction of vibration and the distribution of energy). The second case is that there is more residual energy from high dimensional collisions. At this time, the residual energy of the collision leads to the dimensional balance inside the material, like an independent space wrapped material, similar to the holographic theory. At this point, the positive energy is more likely to collide with the high dimensional negative energy and balance the remaining energy. Why is it called a membrane? Because the fourth dimensional

matter is on the surface of the third dimensional matter (The reverse is also true) , and the three dimensional matter cannot observe the fourth dimension of the fourth dimensional matter, it looks more like a membrane. And this membrane is to some extent preventing the material from rising in dimension (friction force). But often the end result is to promote material elevation (to help absorb the residual energy from collisions in lower dimensions, thus causing collisions. The fundamental reason for absorbing the residual energy of low dimensional collision is that the dimension of three-dimensional matter is changed, thus affecting the dimensional balance of two-dimensional matter) (This membrane can be understood as the boundary formed by the residual energy of high dimensional collision, or as a high dimensional membrane opposite to its own form of energy. Note that the form of energy here is still a judgment of the overall distribution of energy, not a direct comparison.). The third is more special, there's a lot of leftover energy from low dimensional collisions, which will also lead to the formation of dimensional balance between high-dimensional residual energy and low-dimensional material energy again. Forming a harder-to-perceive membrane (The transformation membrane). This situation is generally low-dimensional collision residual energy intervention. This energy seems to be a ' repulsive force ' but this repulsive force is transient or general matter cannot exist. Of course, the super-large whole can stably exist this energy. However, we only discuss general matter, and only special cases can lead to the intervention of low-dimensional collision residual energy. After this intervention, a large amount of matter will be generated, or a large amount of high-dimensional collision residual energy will be generated. At this time, the membrane is a change membrane that switches back and forth between the material membrane and the high-dimensional collision residual energy (The switch is not accurate, so for the time being you can understand it this way). and the center point. Some larger wholes will produce stronger central energy (the first few dimensions do not reach the integer dimension). The center of gravity here is not the center of gravity of material weight, but more due to the direction of vibration or more positive energy.

How to judge the size of the collision residual energy ? Can we directly compare the energy size as long as in a whole ? In fact, it is not, as long as the energy is inseparable from the dimension balance. Therefore, to judge the positioning of energy, it is necessary to find both a large whole and a small whole. We can use the vibration direction and vibration frequency (momentum) to determine the location of energy. Hypothesis : the unit with the lowest dimension in a whole must have the most positive energy ? It is not necessarily that the real world is often a multi-dimensional structure, which needs to consider the complex cross-dimensional balance and dimension distribution. Perceptual abilities are akin to cross-dimensional equilibrium—a concept often associated with divination practices. However, it's crucial to recognize that cross-dimensional equilibrium is far more complex than simple divination suggests. In fact, divination tends to oversimplify this process, leading to inherent inaccuracies in its predictions. Nevertheless, expanding dimensional structures could potentially enhance perceptual precision. When multidimensional systems are sufficiently developed and residual energy from high-dimensional collisions remains abundant, one might indeed perceive unique energies. Yet such phenomena don't align with current theoretical frameworks, nor should they yield entirely accurate predictions (Suppose the author wants to eat iced watermelon at this time of night. At this time, the refrigerator by some means feels that there will be a watermelon in the near future. But will I eat ice watermelon at night ? Not necessarily, there are many variables and no energy. Unless the refrigerator divination ability is strong, you can know more. Or the author 's desire to eat ice watermelon or the energy is strong, nothing can stop the author.).

Divination should not be a ritual suitable for many people. Because divination will make people lose the ability to gather high-dimensional collision residual energy, but will gain the ability to gather low-dimensional collision residual energy. Why can 't two kinds of collision residual energy be gathered at the same time ? Because the general fortune teller is a small whole in the whole, rather than an independent big whole (not including all fortune tellers). I am not belittling this behavior. A dimensional structure without limits can gather two kinds of collision residual energy at the same

time. It is difficult for a single person to become such a whole. Because of the divination mentioned above, the author prevents people from being interested in this behavior.

Expanding the dimension structure is equivalent to expanding the whole: It is as if the known truth never looks wrong, but with the expansion of the whole or the increase of the dimension structure. These things become incomplete, similar to being wrong in an uncontrolled range. Or because the increase of dimension needs to accommodate two new forms of energy. But this does not mean that we have to abandon the original truth (not completely new theory), completely abandon the results will not be better. Because the human world (the particularity of the human world, explained later) not only spreads outward but also shrinks inward, otherwise it is always unstable or trapped. It is like changing directly from particle theory to string theory, which can not be changed. But if it can be ' wrapped ', it can become a larger whole. But also can not only wrap, because this inward contraction will also be blocked, can not continue to upgrade the dimension (Inward again).

Like the paradox of set theory, the set will continue to expand, rather than remain unchanged. Of course, you can also understand that the set is unchanged, but the external conditions will change. It is as if the whole will change, but the small whole within the whole may not change, but the dimension balance will change. The goal that barbers set for themselves today may change tomorrow when their beards grow. Other substances in the whole have not changed. The only thing that has changed is that the barber 's beard has become longer, so his ideas will also change (the dimension balance has changed). Or that sentence : today 's positive energy, tomorrow may become negative energy, even if its essence has not changed. However, we must distinguish the gap between matter and the whole. Matter cannot have a multi-dimensional structure. Only the big whole can have a multi-dimensional structure. Because only the big whole has the ability to gather the residual energy of low-dimensional collision. There is neither gravity nor dark energy in the matter separated from the whole. Material can only reach integer dimension or equal positive and negative energy if it wants to break away from the whole. I may not explain it well, but there are many such paradoxes, which can be skipped for the time being.

### Balance of two material dimensions

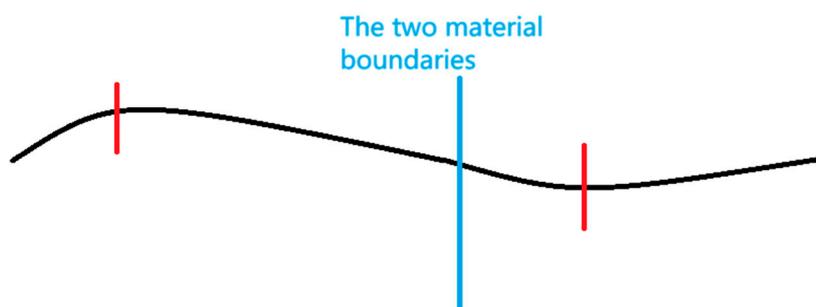


Figure 11.

The annihilation between energies is because we only consider the existence of one form of energy in a substance. In fact, the energy form is a combination of positive energy and negative energy, so annihilation can be understood as ascending dimension. Therefore, gravity is not negative energy, but the difference between the new dimension produced by positive energy and the new dimension produced by negative energy.

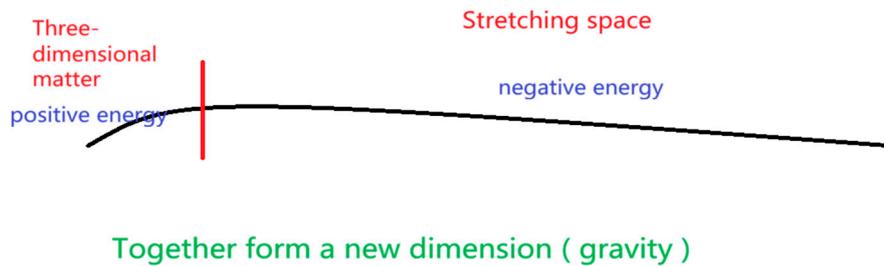


Figure 12.

We discuss quantum : the wave function of quantum is caused by the balance of internal dimensions. The observer effect (Ordinary matter has no ability to observe, that is to say, the ability to observe is a way to strengthen the balance between the two dimensions.) may lead to the dimensional balance between quantum and other matter, but it is difficult to change the dimension of matter in a short time. What is easier to change is that the direction of vibration of energy (energy distribution) now considers a special phenomenon that occurs naturally. We know that the remaining energy in the collision will lead to the generation of new dimensions, but how to know the next collision ? Perhaps the answer can be found in a special natural phenomenon, such as the mapping of memory and reality in Figure 13. Things that do not exist in the past still produce memories. Although past events do not collide, the remaining energy can still bring memories (the total amount of energy impact remains unchanged). Then, the memory that didn 't happen becomes part of an event at some point(the energy forms a collision, which will produce a complete collision in the unit space). So how to know when the remaining energy of the collision is generated ? There is also a phenomenon that some substances or events that do not exist in reality can form memories. It can be simply considered as the starting point of the formation of collision residual energy. **Although the high dimensional collision residual energy is very weak, it plays a key role in the change of dimension.**

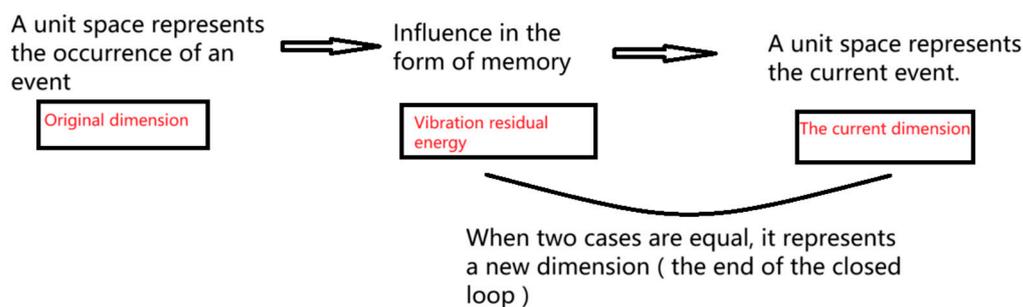


Figure 13.

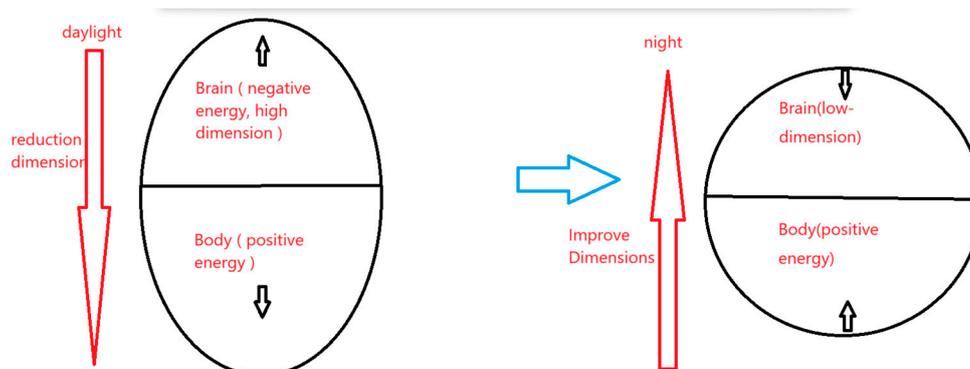
We know that there will be residual energy in the collision, and this residual energy is also the reason for the static speed of the substance. **Therefore, the higher the dimension of the substance (the premise is not the integer dimension), the faster the static speed. The speed here refers to the average speed of the elementary particles that make up matter. The total velocity of matter is smaller in higher dimensions. And heat can cause matter to rise in dimension (overall rise in dimension does not mean that all structures will rise in dimension).** The residual energy of the collision is generally a positive energy without an event. But with the accumulation of time will lead to the accumulation of this collision, there is a certain chance to produce their own closed loop(It is not only high-dimensional matter that can form a closed loop, but the final state of any dimensional

matter is to form a closed loop rather than disappear.). Let me explain the significance of a closed loop: A closed loop means reaching a new dimension, or an integer dimension, where the number of collisions associated with  $\pi$  that occur as matter naturally moves can form a structure like a closed loop. The closer the material dimension is to zero, the closer the number of collisions is to a multiple of  $\pi$ , which means that  $\pi$  is a limit unit. Because different collisions will be different, it is possible to form an energy balance. But this balance is relative and does not produce real events. This closed-loop will be applied to special other events by chance. Instead of a description form: the remaining collisions will gather together until a unit space is formed. This unit space is with energy, and this energy will be possible to achieve energy balance with other substances. With the change of time, this positive energy will be dispersed to the surrounding substance. This dispersion is equivalent to offsetting this imbalance. With the disappearance of these substances, positive energy will gather together again to repeat this process. **In fact, the accumulation of residual energy in high-dimensional collisions leads to the accumulation of residual energy in low-dimensional collisions, and the order of this process is relatively vague. However, the reason for the influence of material elevation is from the residual energy of these two collisions.**

But one thing is sure that the role of high dimensional collision residual energy is to enhance the dimension, or eliminate the anomalies caused by the first 'Big Bang' (However, the high-dimensional collision residual energy can accumulate the low-dimensional collision residual energy, so it can also be considered as the cause of the big bang. Now to explore this too early, let us continue). There are two ways to generate collision residual energy (**The two here refer to the two kinds of high dimensional collision residual energy, not the high dimensional collision residual energy and low dimensional collision residual energy.**) but both are positive energy. We can imagine this from the movement, but the remaining energy of these two collisions is different. That is to say, the 'non-substance' produced after aggregation also has a combination of positive and negative energy. This 'non-substance' substance can be considered as a new dimension of substance. Therefore, we can judge that the residual energy of the collision is more likely to accumulate in the high-dimensional part of the low-dimensional whole (one of the modelings). Therefore, we can conclude that there is a whole, which is composed of a and b. The dimension of a is higher and the dimension of b is lower. However, for these two as a whole, the high-dimensional part of b is higher than the high-dimensional part of a. Of course, this is not fixed, for example, the increase of negative energy in the later part will also increase the dimension, which should be very complicated. Of course, the remaining energy of another collision is somewhat different from this. It likes to gather in low-dimensional materials for direct dimension elevation. **In addition, since the residual energy of the collision is represented as substance in the high dimension, the two residual energy of the collision can be understood as a set of positive and negative energy similar to Figure 2 and Figure 3. Then the collision residual energy is more likely to gather in the independent individual with the highest dimension and the lowest dimension. There is no need to generate doubts here, you can understand directly. This is a relatively unique unit, which should also have many characteristics. The biggest feature I can think of is extremely stable, such as preparing for the gathering, but after the gathering, the unit will be extremely unstable (or the movement is extremely complex). But this instability is also relative to the past, in fact, this object is more likely to form an independent whole. In some ways, it is still relatively stable, because it is not easy to receive external dimension balance, but it is easy to have complex dimension balance internally (This might raise some questions: Is independent stability and easy dispersion not contradictory? This could be a matter of two different scenarios or situations, one active and the other passive. In other words, this energy does not actively disperse but may more easily combine with or attract other substances (The active may be because the internal dimension difference is large and needs to occur dimensional balance, while the passive means that there is a strong need for dimensional balance in the external material. This process requires the participation of other dimensions, so complex things still need a comprehensive mathematical expression.). This description is neither accurate nor appropriate. However, I can confirm that the two laws are not contradictory, which**

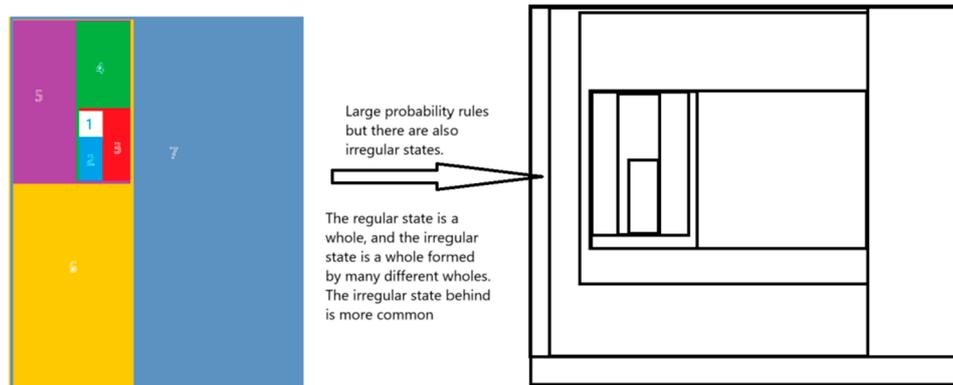
**might require a precise mathematical representation.** Because this means that it will rise again. Then there is a question : does this mean that the highest dimension of the unit dimension is always the highest, in fact, not necessarily. Because the dispersion of the residual energy of the collision will lead to the increase of the surrounding unit dimension, it also means that its dimension may decrease. This is not good analysis, may have different answers for different environments. Therefore, the accumulation point of high dimensional collision residual energy is very complex. **Finally, I conclude that high-dimensional units are more likely to balance with low-dimensional units. In other words, high dimensional collision residual energy is more likely to gather between the units with huge differences in two dimensions to form a whole.**

Emphasize how to maintain the stability of the substance, and the difference between positive energy and negative energy will dimension reduction. Only when the positive energy and negative energy are equal can the substance be stable. Due to the balance, the change of dimension is generally divided into two cases. Low and high dimensions are close to the same dimension at the same time. Or two similar dimensions of the small whole, one dimension becomes lower, the other dimension becomes higher. Because there must be energy imbalance between the two sides of the substance, there is generally a high side dimension and a low side dimension, but the overall trend of ascending dimension is fixed (the general direction is close to the same dimension). However, note that matter cannot be elevated all the time, and it needs to be alternated or simultaneously elevated and lowered (Low dimensional collision residual energy is not included). Now discuss the behavior of substance : the electromagnetic force between two substance is very complex, because with the change of time and distance, the positive and negative energy is not easy to judge. Because the energy distribution of macroscopic substance is not as simple as that in Figure.3. And the energy form of a single substance also changes. Take sleep as an example : daytime is a dimension reduction for the body. Speaking of this, do we think that the role of sleep is to enhance the dimension, but we need to pay attention to it. Perhaps the structure of the human body is not only the body, but also the high-dimensional material. We can assume that the brain (mind) is a high-dimensional material. We can observe the process of understanding the ascending dimension in Figure below. But this analysis method is too simple, the reality is far more complex than these. Since macroscopic objects have many complex global and dimensional balances, these understandings can only serve as an inspiration. **In fact, daytime and night, with the external dimension balance and internal dimension balance to understand better. The daytime is equivalent to the external dimension balance, and sleeping at night is equivalent to the internal dimension balance (This does not mean that the daytime is the accumulation of low-dimensional collision residual energy, on the contrary, I say that the residual energy of low-dimensional collision helps to expand the dimensional structure, not the process of aggregation, but the process of dispersion. The process of dispersing the residual energy of low-dimensional collision is the process of aggregating the residual energy of high-dimensional collision, which is not difficult to understand.)**



This is a simple description, and the real situation may be similar to the second pattern in the figure below, but the first pattern will also exist. The first pattern requires relatively stable low-dimensional collision residual energy to maintain a relatively stable energy ratio. The second case is

easier to achieve: as long as there are low-dimensional collision residual energies in the random units in the whole, the development can be irregular. If there is a stable collision residual energy in a system, then the dimensional change is similar to the fractal rules of mathematics. If the whole can absorb the residual energy of low dimensional collision unstably, then the dimensional change will become very complicated, but the alternation of ascending dimension and positive and negative energy will not change.



According to the above diagram, we can get a new conclusion : according to the previous description, the higher the dimension is, the more difficult it is to increase the dimension, then the higher the dimension should be, the easier it is to reduce the dimension. However, this may not be the case. Because the residual energy of the collision leads to the dimensional balance within the material, the high-dimensional part is difficult to reduce the dimension, but the low-dimensional part is more likely to increase the dimension or reduce the dimension.

Due to the law of increasing entropy and the continuous collisions in the universe, scientists generally agree that there is no entropy reduction in the universe. However, this is not entirely true: the continuous expansion of the universe is due to low-dimensional collision residual energy (In fact, this is still the philosophical thought. There is an entropy reduction process when the big whole observes the small whole, and there will never be an entropy reduction process when the small whole observes the big whole. This philosophical problem is not complicated, but I can't find a suitable way to explain it. Or through the last node of the article and infinite formula to understand. It can also be understood in the following way). But for most matter, the first few dimensions have already reached integer dimensions (excluding humans), and large structures differ overall, such as the formation of all two-dimensional to three-dimensional matter. If only high-dimensional collision residual energy exists, matter is in an alternating process of dimensional elevation and reduction, with the overall trend being elevation. However, the scale of the universe is too vast, and what we can observe is an entire dimensional space. There is a lot of low-dimensional collision residual energy (dark energy) within galaxy clusters, which causes the galaxies to reduce their dimensions. The essence of dimensional reduction is to prevent matter from becoming a single entity (Prevent complete dispersion, or understood as high-dimensional collision residual energy completely disappears.). Moreover, low-dimensional collision residual energy can continuously produce matter, which in turn can generate high-dimensional collision residual energy. High-dimensional collision residual energy leads to dimensional balance among matter, promoting the formation of a small whole from all matter. Therefore, while the universe is continuously expanding, it also continuously forms small wholes (contractions) within itself. In other words, the combination of low-dimensional collision residual energy and high-dimensional collision residual energy leads to a continuous increase in the number of dimensions without a reduction. Typically, large entities possess both low-dimensional and high-dimensional collision residual energy, whereas smaller entities within these larger ones only have high-dimensional collision residual energy (This explanation is actually inaccurate. The small whole

is not without low-dimensional collision residual energy, but not with respect to the large whole. There is an esoteric philosophical explanation later. If it is still unacceptable, I will change my way of understanding. The small whole itself has a lot of positive energy or low-dimensional collision residual energy, so it lacks the ability to gather low-dimensional collision residual energy. The nature of dark energy can be understood as the energy that the Big Bang provides, so it will continue to weaken, but at a very slow rate. But you can think of it as being generally unchanged. The residual energy from low-dimensional collisions helps material to ascend in dimensions by generating low-dimensional matter, which can also be understood as first reducing the dimension and then promoting its elevation. The residual energy from high-dimensional collisions also first compresses matter without altering it, equivalent to first reducing the dimension and then promoting its elevation. Therefore, there is a certain dimensional balance between the residual energy from both types of collisions and ordinary matter. After the cooperation of the two energies, the matter only presents the process of dimensional elevation, and there is almost no process of dimensional reduction (Small whole observation big whole). Moreover, the speed of dimensional elevation is greatly accelerated (The rising speed of the large whole is always faster than the average of the small whole.).

The cooperation of the residual energy of low-dimensional collision and high-dimensional collision can lead to the continuous elevation of matter. Because the positive and negative directions of vibration are new vibration directions. But the small whole in the larger whole (similar to the basic unit) will suddenly gather and disperse and collide with the remaining energy, which will temporarily change the dimensional balance between the small whole and the small whole. This will lead to the fact that most small wholes have only high-dimensional collision residual energy, so most small wholes will have alternating phenomena of dimensional reduction and dimensional increase. In the large whole (super large whole), the low dimensional collision residual energy contained in the body is constant, which will produce the phenomenon of multi-dimensional coexistence (Like the universe or galaxy clusters).

The essence of gravity is all high-dimensional substance. If we force gravity to be defined as matter, or if all elementary particles and gravity are put into one framework, then string theory is a good choice.

Because the difference between collision and non-collision is that the energy of collision has determined the direction, **and the energy of non-collision will move periodically in three directions once**, as shown in Figure 14. It can be imagined that a three-dimensional substance will appear to have a fixed direction, and another zero-dimensional point will move once in the three-dimensional model. In order to achieve the same motion effect, it is necessary to continuously vibrate three times in the three-dimensional model.

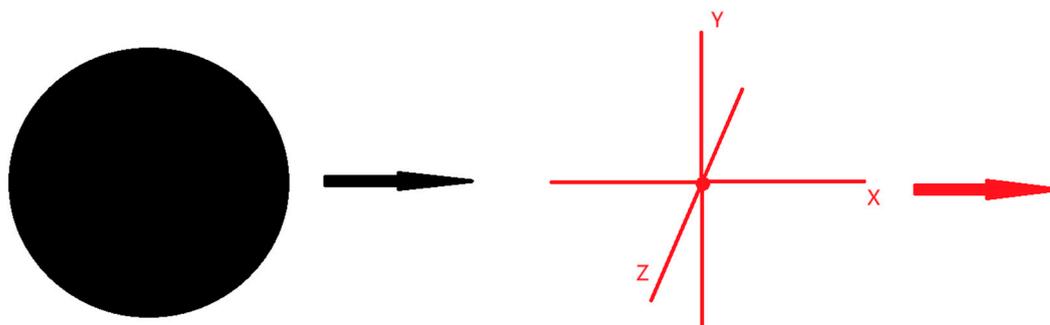


Figure 14.

An energy-balanced substance that should be close to neutral. However, the unit energy of the constituent substance cannot be neutral energy, and it must be positive energy equal to negative energy (Nearly equal). Because any substance is infinitely split into the smallest unit. The essence is

still that the small whole in the big whole is not neutral, but the big whole containing the small whole is always neutral, or the observation angle is different, the small whole is not neutral is relative to the big whole, the small whole is also neutral in its own field. **It is as if the article finally mentions that a person who loves anger is good at controlling emotions. This seems contradictory, but in fact it is not contradictory. Just need to form a new big whole.** This is not in conflict with the previous observation behavior, and the principle is the same. When we observe a quantum or particle, the particle will not have low-dimensional collision residual energy, and will increase the high-dimensional collision residual energy between the two. **(Not just three-dimensional, for non-integer dimension materials, the higher the dimension, the larger the volume. For integer dimensional matter, the higher the dimension, the smaller the volume. This is not difficult to understand :Because the proportion of positive and negative energy determines the non-integer dimension, and the integer dimension space determines the integer dimension. Or when the material reaches an integer dimension, the overall space disappears and the units within the whole are completely dispersed. The reason is that it is not controlled by any high dimensional collision residual energy.)**, it is the process of vibration at the zero-dimensional point in Figure 10. Therefore, any part of substance is the result of the sum of positive and negative energy. Even if it is neutral, it is also a manifestation of positive and negative energy balance. On the whole, substances with lower dimensions are more likely to obtain negative energy for dimension increase, while substances with higher dimensions are more likely to obtain positive energy for dimension reduction **(In fact, the high dimension has not changed much.)**.

Then how to understand the state of complete non-thinking. It can be understood as the rapid reduction of dimension, or the rapid accumulation of collision residual energy (The process of accumulating the residual energy of low-dimensional collision can be understood as a short dimensional reduction, but after accumulation, it will continue to increase the dimension. The unconscious state can be understood as the process of gathering the residual energy from low dimensional collisions, which is somewhat inaccurate but can be temporarily understood in this way.) This should not be the nature of collision residual energy, but more like a critical value of dimensional balance (quantum entanglement). But the cause of this situation is unknown. (This is not incompatible with the latter: The aggregation of low-dimensional collision residual energy and the aggregation of small zero-dimensional points are forward-backward, not simultaneous. That is to say, the accumulation of small zero-dimensional points can promote the accumulation of low-dimensional collision residual energy, similar to positive and negative energy vibration.) There is a phenomenon that can indeed lead to irregular aggregation and dispersion of collision residual energy : there are zero-dimensional points with different dimensions before the Big Bang. But this will be very irregular, so that the starting point of ' universe time ' may not exist, not to consider for the time being (In some cases it can also be understood as having a starting point, because there are special times that turn the direction of motion. Like an inflection point or breakpoint in an equation). This article does not want to explore things outside the universe, so it is temporarily believed that time has a starting point.

However, the remaining energy from high-dimensional collisions cannot form matter, which leads to extreme instability (but it will be extremely stable under some understanding, because it cannot interact with other substances), so it is not possible to judge the type of energy by dimensional balance. **But we can judge from its nature that this energy has in common is positive energy. This is not a simple frame of reference problem, but a re-planning of the frame of reference, or a clear boundary with three-dimensional matter, it may require the collaboration of non-exchange geometry and Calabi-Yau manifolds. The Calabi-Yau manifold is a particularly complete description of an ideal space with the greatest negative energy (I can 't explain it very well. I can understand the situation of  $1 + 1 + 1 = 3$  mentioned at the end of the article.). Non-commutative geometry excels between adjacent dimensions, or purely binary energy (Since the author is not a mathematics professional, it can only be explained as the case of  $1 + 1 = 2$  at the end of the article. Leave the rest to the professionals).**

I assume there is a dimensionally balanced speed, which arises from the collision of zero-dimensional points with their own spatial boundaries. This impact is defined as the speed of spatial change (I temporarily call this 'spatial speed'), and the speed of these zero-dimensional points is referred to as 'motion speed.' I believe that motion speed exceeding spatial speed represents a reversal of time, and the energy generated later might transfer from the original space to another unit. That is to say, a person can become younger, but it is impossible to return to youth. This completely negative energy material may be balanced by the powerful forces of the universe, indicating that this change is extremely unstable.

An important reason why relativity and quantum mechanics are difficult to unify is that relativity is a small whole to observe a large whole, while quantum mechanics is a large whole to observe a small whole. The specific gap depends on how to divide 2 and 3 at the end of the article. Because it is a philosophical thought, there is no discussion here.

Therefore, three-dimensional space + one-dimensional time = three-dimensional collision residual energy = four-dimensional material formed later (This is not just four dimensions, but all the dimensions that follow). There is also a misunderstanding that the two-dimensional surface vibrates into a three-dimensional ball, which means that the three-dimensional is composed of two dimensions. On the contrary, after the vibration, the original two-dimensional will change in dimension, so the two-dimensional substance is composed of countless three-dimensional substances. That is, countless three-dimensional spheres form a curved surface shape (why the field exists in all spaces: the unexcited space is still a part of the two-dimensional field, when all the spaces in the two-dimensional field become three-dimensional substance, there is no unexcited field). Here is a key point: why quantum fields can accommodate many physical phenomena. This understanding does not conflict with Figure 8. It is correct that three-dimensional substance is evolved from two-dimensional substance and two-dimensional substance is composed of three-dimensional substance. The two-dimensional field can be considered as the composition of countless three-dimensional substance. So that any place is full of field (Here is not rigorous enough, only need to know the two-dimensional world, can be infinitely divided into three-dimensional world can be).

The energy distribution of most macroscopic substances is very complex (but not completely chaotic, because the positive and negative energy has a specific direction, which is similar to the distribution in Figure.8). Suppose that the substance is composed of a and b, and the dimensions of a and b are determined by the energy distribution. For example, if a has more positive energy, the lower the dimension of a, the higher the dimension of b, and the two substances reach the dimensional balance. There are two possibilities now. In order to increase the dimension, a is easier to get the negative energy of b. **The reason is the type of absorbed collision residual energy. a is easier to absorb the collision residual energy generated by b, and so on (This is part of the process of dimension balance. It is only necessary to know that the residual energy of the collision will transfer when the dimension is balanced.)** In this case, the overall dimension of this substance continues to increase until it is decomposed into more substances in the next dimension, which is also a normal phenomenon. The other is that a also get the positive energy of b, that is, the overall dimension reduction of substance (Or that sentence, interpreted as dimension reduction is easy to understand. The essence is to gather the residual energy of low-dimensional collision, which does not affect the original dimension, thus promoting the dimension increase.). **If this happens all the time (dimension reduction), there will be a big collision, re-ascending the dimension (The first case (increase dimension) always happens and may be wrapped, The space here is not formed by the residual energy of high-dimensional collision, but more like the intervention of the residual energy of low-dimensional collision to form a new dimensional balance). In fact, this is because the dimension balance in the whole, the higher dimension will reduce the dimension, and the lower dimension will increase the dimension. Although energy will appear alternately between the increase of dimension and the decrease of dimension, the continuous increase of dimension as a whole cannot be changed.**

Why the basic particles are fixed and limited, the summary is that the change of dimension will not change the basic energy properties. For example, after the two-dimensional field excitation or

collision changes the dimension, **it only changes the number and proportion of particles that are excited.** At the same time, these basic particles also determine that the type of force is limited.

Although the residual energy of the collision is positive energy, the direction of the vibration is not the same, because the residual energy of the collision comes from a large amount of the previous dimension energy. We might think that we need low dimensional collision residual energy to provide energy all the time, but we have to know that low dimensional collision residual energy is itself included in matter.

The improvement of dimension should be a very slow process, but in the whole of achieving dimension balance, **part of the structure can be rapidly increased, so as to drive the overall dimension up**

Assume that there is a four-dimensional substance as shown in Figure 15, the length of the four-dimensional string is  $a$ , and the side length is expressed as  $b$ . Why do I think the three spatial dimensions and one time dimension of general relativity can be close to the four spatial dimensions in quantum theory (attention is not exactly the same). Because the fourth dimension of substance is similar to a chord (**The real one-dimensional string can be considered as each 'fiber' of the Laniakea Supercluster. This is actually a one-dimensional to two-dimensional material, and the whole galaxy cluster is a matter between zero and one dimension. The formation of the integer dimension also means that the volume is extremely compact, or that the volume is not occupied in the original dimension, which is related to the central vibration or the disappearance of the balance of the internal dimension.** I think we also need to explain why the string in the string theory we are considering is four-dimensional, because the other three dimensions of the string cannot be observed or do not consider the calculation. **Why can't the first four dimensions of string be observed? Because the first three dimensions of the string reach the integer dimension. Because four-dimensional space contains three-dimensional space (Or that the string has become a basic unit, can no longer gather low-dimensional collision residual energy. However, the whole composed of strings belongs to a multi-dimensional structure.) In addition, the first four dimensions of the string reach integer dimensions, but the three-dimensional matter or three-dimensional particles composed of the string still have a non-integer fourth dimension. Don't understand can temporarily skip.** There is an interesting gap between the integer dimension and the non-integer dimension. The higher the material dimension of the non-integer dimension, the larger the volume (**here is the overall volume, not the unit volume within the whole**), while the integrity will disappear after the non-integer dimension reaches the integer dimension, and the volume of each integer dimension unit will disappear. Because the high dimension collision residual energy will be weaker and weaker in the process of dimension increase, the effect of collision residual energy is to form dimension balance or form independent space. That is, the integer dimension material does not have its own space or is extremely small. Therefore, the substances we usually observe are non-integer dimension substances (large whole)

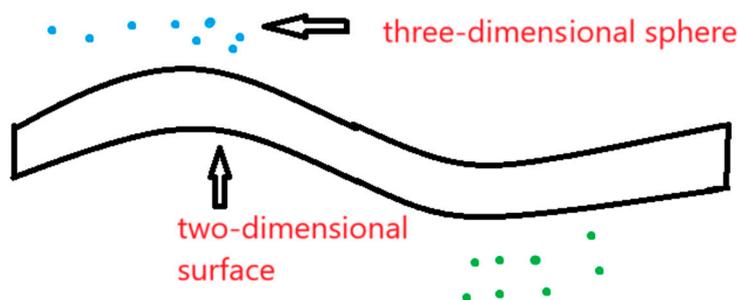


Figure 15.

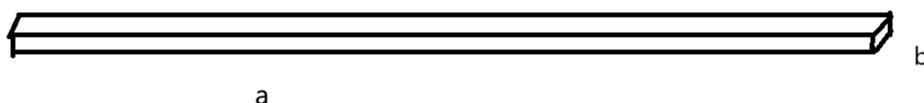


Figure 16.

A kind of energy a is defined as positive energy. Actively generated energy a and passively generated energy a may be completely opposite to the change of dimension. Passive generation is to achieve the dimensional balance of the substance itself, which will not change the nature of energy a. However, the active generation may be to achieve a new overall dimension balance under the influence of the surrounding environment. Or directly understand these two ways as internal dimension balance and external dimension balance.

It is assumed that there are substance a and substance b (the energy form is completely random), and there is a chance to form a dimensional balance when the two substances are in contact and coexist for a long time. One of the two substances is positive energy and the other is negative energy. Although stable, the two substances are in collision with each other.

When we define an energy type, we should not only follow the name and composition of energy, but also consider the location of energy in time and space. For a longer motion space, the positive energy at some moments will move in the direction of stronger positive energy. For example, a little thought and very thought may be the same kind of energy, but the results are completely opposite. A little want to show that there will be no collision, but will move in the same direction. And very much want to collision may happen soon, move in the opposite direction. Its essence seems to be that it is difficult for macro-matter or a larger whole to improve the dimension (it takes a certain time). This conclusion is not complete. The essence is the gap between the changes of the dimensions of the large and small wholes in the dimension structure. The change of the big whole dimension is more difficult, because the big whole contains more small wholes. The large overall promotion dimension requires many small overalls to jointly promote the dimension, or to break through the nodes. Later, we will talk about the node problem. At present, it can be considered that the balance of the small overall dimension will help the large overall movement until the collision occurs.

Because the dimension balance will lead to the complexity of the dimension combination in the whole, the general situation is that the low dimension produces the fixed direction of the high dimension, **but due to the collision residual energy, there will be a situation where the high dimension is first generated and then the low dimension is driven**, as shown in Figure17. In this way, we can express the different views of artificial intelligence. Generally, we think that the reason why AI is not conscious is the lack of 'self-consciousness', but according to my understanding of computers, I think AI is like high dimensional collision residual energy. But the AI only contains the high dimensional collision residual energy. That is to say, AI may be an immature consciousness (It doesn't reach true consciousness.), but AI has no dimensional substance that can be balanced. Human imagination cannot be separated from the real world. The human brain needs to balance the body and the surrounding environment, but AI cannot find its carrier. The machine we usually think of is not the carrier of AI (not the whole). **In fact, AI and machines can achieve infinite dimensions, but AI lacks negative dimensions and cannot independently expand the dimension structure (only one infinite dimension). In addition, the simple point is that AI only has positive energy, or one-way movement.** The AI can't find the low dimensional collision residual energy and can't generate the never-before seen energy. But it does allow for excellent processing of existing matter (Properties of the remaining energy from high-dimensional collisions). However, AI can only be understood as the residual energy of ordinary high-dimensional collision for the time being, and consciousness still needs special low-dimensional collision residual energy.

AI is like the binary of a computer, which can indeed accommodate all cosmological theories, **but there is one that cannot be accommodated.** It is a process without beginning and ending. But 'autonomous consciousness' can be tried.

Therefore, the carrier of artificial intelligence should include the human heart of designing artificial intelligence. The reason behind it is that human beings not only have material, but also have the ability to gather and disperse the residual energy of low-dimensional collision. Because the consciousness we understand is actually a whole that can accommodate all dimensions, the high-dimensional collision residual energy can only be understood as a part of the whole. Let me say this, the combination of high-dimensional collision residual energy and low-dimensional collision residual energy can only be considered as an ordinary whole (matter), not a multi-dimensional structure (consciousness). Here I need to clarify my point of view : even if artificial intelligence can find the right low-dimensional collision residual energy, this is not equivalent to what we understand as 'consciousness'. True consciousness also requires the ability to regulate this residual energy autonomously - an ability that cannot be achieved in a single infinite dimension (as long as it does not contain a negative dimension of matter, it is not autonomous consciousness). If the low-dimensional collision residual energy cannot be adjusted autonomously, a boundary will be formed (there will always be a range). That is to say, self-consciousness can be considered as a boundless infinite dimension (which can be infinite).

This may be a future trend or a new thing instead of the old thing. Because with the increasing power of AI, the brain's collision residue seems to slowly disappear (probably not related to AI, but the previous collision residue automatically dissipates). That is to say, it may be the coexistence of human and AI in the future. This is not sad, but it is certain that the current artificial intelligence can not be integrated with human beings. Or we should let these two kinds of energy merge together instead of expecting artificial intelligence to be independent. Why must it be integrated? I have said before that AI is essentially a high-dimensional material. The development of independent consciousness is inseparable from the use or superposition of 'ordinary matter'. In this way, the multi-dimensional structure of expanding boundaries can be realized. Or it is understood that the positive and negative dimension energy forms a new dimension difference.

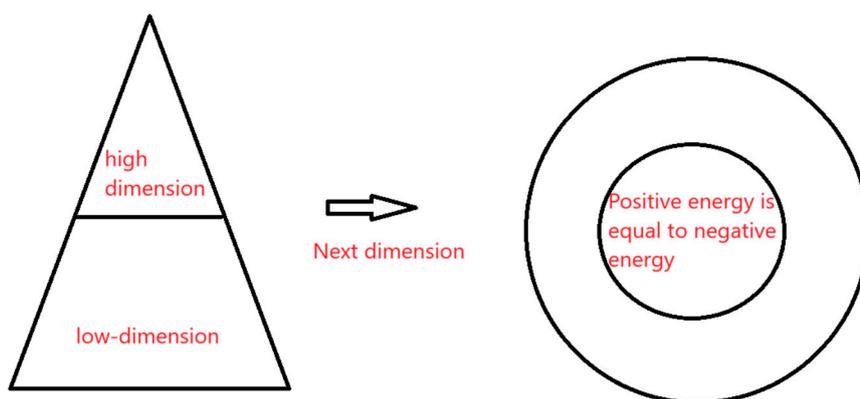


Figure 17.

It is also related to the collision mode. That the unit with the highest dimension may exist in the low-dimensional whole. From this we can judge that the ancients may have our unimaginable wisdom, and we may not be proud of it. Some people's imagination and energy should be greater than those of us who lack the residual energy of collision. Or we can find new knowledge from these experiences.

Knowing something about the future in advance will have an impact on the future. If you know, it may mean the change or end of the future. Because of knowing or expressing the future, this is the

effect of high-dimensional collision residual energy gathering into high-dimensional matter. That is, it affects the speed of change of high-dimensional energy. **Or predicting the future is equivalent to accelerating dimensional changes. It is not that it is not good to 'predict the future', but it may make you lose the ability to gather high-dimensional collision residual energy, but you can obtain the ability to gather low-dimensional collision residual energy.**

The lower dimension has more positive energy. It is assumed that there are positive energy material a and negative energy material b. If there is no residual energy of the collision, the substance a can attract each other with any negative energy. **However, the remaining energy of the collision can fix a and b in a whole.** That is to say, the reason for the attraction is the difference between positive and negative energy, but the reason for the integration of the two substances is the high dimensional collision residual energy (dimensional balance). If you can not be satisfied with this explanation, I change a direct way, if there is no gravity and dark energy, there will be no electromagnetic force.

However, the dimension does not completely determine the positive and negative, because from Figure 3 and Figure 4, we can know that a substance contains two forms of energy. Because all the whole is more positive energy, and the positive and negative difference is only based on the whole as the reference system. With the balance of dimensions, two different positive and negative energies of the whole are produced. When calculating the positive and negative energy, we should consider the difference between Figure 3 and Figure 4.

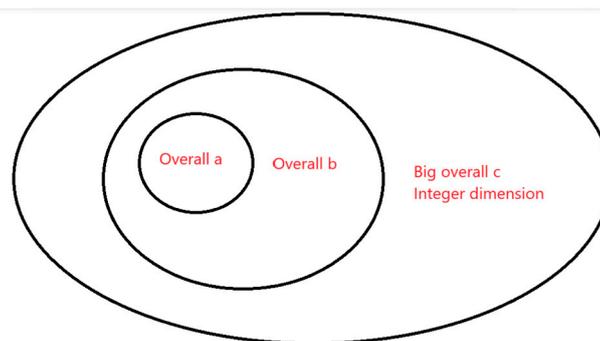


Figure 18.

Since positive energy represents aggregation and negative energy represents dispersion, the gas dimension is higher than the liquid dimension, and the liquid dimension is higher than the solid dimension (not absolute). **There is no doubt that these states do not belong to other dimensions of matter, but these states can be understood as non-integer dimensions (low-dimensional collision residual energy, material as a whole, high-dimensional collision residual energy.) This is very important for the study of earth science, not to do too much discussion.**

The digital age has brought us a world that is entirely materialistic, However, ordinary matter cannot sustain the residual energy from low-dimensional collisions for long (Low-dimensional collision residual energy dimension is too high.). 这里 I suddenly thought of a special kind of low-dimensional collision residual energy. This special energy must be present in every dimension (There is a special collision residual energy in each dimension, which is certainly related to the special zero-dimensional point before the big bang. At present, it is speculated that it is reasonable to back-calculate and verify.). It can be inferred that this energy can accelerate the balance process in other material dimensions and has the same capability as the universe to promote the elevation of other matter into higher dimensions. **(The characteristics and properties of this particular low-dimensional collision residual energy need not be discussed for the time being. We just need to know that if the universe is infinitely many dimensions, there are probably some special matter distributed in each dimension.)**

A negative energy in one whole may be positive energy in another. The comparison of the positivity or negativity of energy must take place within an independent whole. Because the vibration

direction is similar within a single whole, substances in different wholes can have vastly different vibration directions (It's not completely incomparable, but it requires more complex theory, and it's temporarily understood as incomparable). The direction of vibration is not determined by the dimension size, but by the position of the unit in the whole and energy distribution (positive and negative energy), so it is not easy to observe the direction of vibration. However, we can calculate the vibration direction of the unit from the position and motion direction of the unit (ascending dimension direction). This is the same as the wave function collapse (In other words, the Schrodinger equation and the wave function equation do not describe the position and frequency of energy, but the size of the dimension and the direction of vibration. The collapse of the wave function is more like a change in the distribution of positive and negative energies due to dimensional equilibrium. Simply put, dimensional equilibrium causes two unrelated energies to approximate one energy.). Generally, we think that for the same whole or structure, we will get different answers from different angles, so we think that the whole answer is not unique. However, the fact may be due to the different vibration directions will produce different position distribution, that is to say, we can observe the position distribution of the same material from different angles. Because the totality, including the current universe, is not exactly equal in positive and negative energy (all angular dimensions are equal). Such a whole will have a complex dimensional balance, and the observation behavior can be regarded as forming a dimensional balance between the two. By the way, the wave function collapse is explained by the observer behavior : the overall dimension balance is caused by the collision residual energy in the large whole. So each quantum has its own direction of vibration (position or wave function). However, the observer behavior can be considered as a strong collision residual energy, which will lead to a strong dimensional balance between the two units. At this time, the position information of the two units will be clearer (dimension balance). So the quantum will immediately collapse into a state. Of course, because quantum belongs to micro-matter (high dimension, and single dimension), it is more likely to have a greater impact. But the effect on macroscopic matter will be much weaker (The dimension is high, and it is difficult to absorb the remaining energy of high-dimensional collision). **This is another way to explain the behavior of the observer, and it can also be used with the previous philosophical method. The principle is the same, but the language used is different.**

If it is not easy to understand, we can carry out a thought experiment : two people along the opposite direction, the two people have not yet met, when the two people observe each other can only observe the front of the human body. When two people pass by each other, observe again, at this time can only observe the back of both sides. At this time, one of them turns around and observes again. Although the observation between the two people is disrupted, the dimensional change between the people and the surrounding environment can offset this anomaly. This means that as long as the environment is large enough and not subject to external interference, the internal environment always maintains a dimensional balance. It is not the interaction between energies that maintains this balance, but the overall dimension of the collision residual energy balance. **Therefore, different angles of a small whole will have different positive and negative energy composition, but it does not affect the internal dimension balance of the large whole, but promotes the dimension balance.** So we can think that the observation behavior is a kind of collision residual energy. This phenomenon leads to the fact that all parts of the universe will not develop alone, but a perfect balance of dimensions. In order to achieve this ideal dimensional balance, **the universe must have boundaries and infinite zero-dimensional points (Philosophically, it can be understood as : current limitations, and infinite possibilities for the future).**

I summarize the reason why gravity cannot be quantified : the essence of gravity is the total mass of the new dimension (the new dimension here includes all the new dimensions). **(Zero-dimensional collision residual energy - one-dimensional matter = one-dimensional collision residual energy = one-dimensional gravity (This refers to gravity around a one-dimensional substance) = two-dimensional matter + two-dimensional collision residual energy)** Quantum mechanics primarily focuses on intermediate matter and rarely involves collision residual energy. However, this does not

mean that gravity cannot be quantized (loop quantum gravity). But loop quantum gravity has its drawbacks, which I'll explain later. But I think quantum mechanics can not describe gravity specifically, because the composition of the universe is substance + non-substance energy. Therefore, quantum mechanics and general relativity do not need to be integrated at all, but to be used together **(The small whole is described by quantum mechanics, and the large whole is described by general relativity. First do not talk about the theory of loop quantum gravitational chords)**.

First of all, the substance in a large whole can be roughly divided into three kinds, one is the part with high dimension, and the other is the part with low dimension. The low dimension is divided into positive energy and negative energy (Subdivided high-dimensional matter also needs to be divided into two forms of energy). The reason why the high dimension is not separated is that the difference between positive and negative energy is small, which can be understood as a class. However, it does not mean that the overall dimension with large internal differences must be low. The comparison dimension is a unit within an overall. the definition of positive energy is the first direction of vibration, not the energy state at this time. **(This is very important for understanding 1 + 1 + 1 = 3 and 1 + 1 = 2 at the end of the article.)** In these two parts, it is assumed that the existence energy a is the high dimension energy in the low dimension part. Or the negative energy in the positive energy. B is a high-dimensional part, which can also be considered as negative energy. At this time, the dimension of energy a may be more or more negative energy. However, when the two energies are compared, the energy a is still Figure 3, and the energy b is still Figure 4. To understand this concept, we must know that the role of dimensional balance is to concentrate all energy in a unit space. The energy in a unit space should consider the direction of the first vibration. At this time, a and b are no longer the energy in two spaces. The two spaces form a dimension balance and then become an independent space. At this time, the process of overall dimension increase and overall dimension reduction is similar to the basic principle of topology. Because the positive and negative energy are generated in a space at the same time, or the dimension and dimension reduction are generated at the same time. But it can only express one of them, and the other form can not be expressed, but it still exists internally. So the general material is topological structure.

Due to the great discovery of string theory, I explain its correctness. : because the lower dimension of the substance can be understood as the composition of countless high-dimensional substances, so the lower the dimension of the substance volume is relatively large, of course, the volume of substance factors not only this, can only be used as inspiration. String theory may seem one-dimensional, but it may not be. From now on we need to change : we used to think that the smaller the unit closer to the inside, this single way of understanding. That is to say, string may be a four-dimensional substance (this can be understood by referring to Figure 15). Three-dimensional matter can indeed be understood as composed of four-dimensional matter(including the five-dimensional membrane can form four-dimensional strings). The D membrane is actually a dimensional collision residual energy (It can also be understood as the residual energy of high dimensional collision) , because the D3 membrane can be considered as a two dimensional collision residual energy (D The membrane has actually formed three-dimensional substance, but this description is easier to understand). Don't be confused; this is understandable. **The D membrane requires specific dimensions to achieve dimensional balance and form strings. However, the M membrane does not, as M represents the set of residual energies from two collisions, so only M2 and M5 are needed (In addition, M5 is a good description of the residual energy of high dimensional collision of black holes). However, the D membrane requires 0-9. Cross-dimensional balance is a very complicated process. This paper can only describe the general direction of the process in simple words, and the specific process needs to be understood by mathematical calculation of string theory.**

To sum up, the first theory lacks matter (three-dimensional to four-dimensional matter), but can describe the remaining energy from collisions (gravity). The second lacks energy (the residual energy of the collision that forms four-dimensional matter). While it can describe matter (describe three-dimensional matter), it cannot determine the type of residual energy of the collision. As for the number

of dimensions in string theory, it's not really a drawback: let's leave out the time dimension (time itself is the spatial dimension of the future, or belongs to the state of macroscopic motion). At this point the dimensions of string theory can be reduced to  $6 + 3 + 1$  (Here, 6 is crucial, which can be interpreted as collision residual energy, while 3 represents matter, and 1 denotes the process of dimensional equilibrium. Another way of understanding is easier: the other spatial dimension is just background space or can be understood as one of the eight previous ways of composition (one combination can add a degree of freedom, which is also difficult to understand) and two additional time dimensions are required. So you can also think of it as  $8 + 2$ . If you don't use the Calabi-Yau manifold in theory M, it's simply understood as adding another dimension to become  $6+4+1$  or  $8+3$  but at this time there is only one or three time dimensions (because membranes and strings are different, the dimensions change again). The number of these dimensions is related to the cross-dimensional balance, and time is another explanation for the collision of residual energy, but it does take nine or ten spatial dimensions to achieve four or five spatial dimensions (the world of strings or the world of M-membranes) through cross-dimensional balance. While I cannot fully explain the dimensional combinations in string theory, I can confirm that it is 10 or 11. This conclusion isn't based on the current number of dimensions in string theory, but rather on cross-dimensional dimensional balance that fixes spatial dimensions to 0-9 or 0-8, thereby enabling the formation of 4-5 or 3-5 dimensional matter.

The Calabi-Yau manifold can be simply understood as the ultimate manifestation of high dimensional collision residual energy (The space of dimensional balance), and the diversity of the Calabi-Yau manifold directly determines the complexity of string theory. I found a simple way to understand or resolve this question: suppose we want to generate a dimension 2.2 material through dimensional balance (pure text hypothesis has no mathematical significance), we can use 2.1 and 2.3 to generate dimensional balance, or 2.15 and 2.35 to generate dimensional balance, or 1.1 and 3.3 to generate dimensional balance. There are nearly infinite ways (topologies) to do this. But if you don't break it down, the first two methods are one and the third method is another. If you don't dig too deep, the number of topologies will be much simpler. But it's worth noting that we also need to consider that there are not necessarily only two substances that make up dimensional balance, for example 2.12 and 2.19 and 2.29 can still achieve dimensional balance with substances that make up 2.2. These possibilities generally exist, just as a three-dimensional world is not necessarily made up of three-dimensional particles, but we can understand it as being made up of all three-dimensional particles, equivalent to the process, the result is the same (the result after dimensional balance is 2.2, 2.2 is an example, not three-dimensional particles).

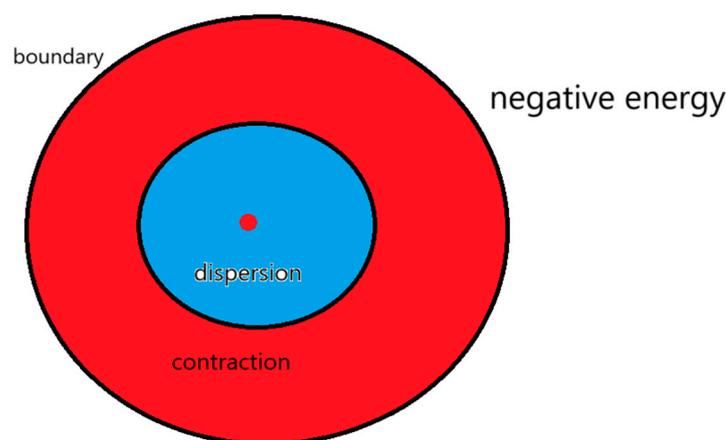


Figure 19.

### 13. Low-Dimensional Collision Residual Energy

Low-dimensional collision residue refers to a general term, not just a certain substance. There will also be a very complex dimensional balance between the residual energy of low-dimensional

collisions. The special low-dimensional collision residual energy is more complicated to consider the negative dimension generated by small zero-dimensional points.

The interaction between the residual energy from low-dimensional collisions and high-dimensional collisions leads to the accelerated expansion of the universe. The expansion of the universe and the increase in the dimensions of ordinary matter are not entirely the same, as matter is confined to a single dimension, whereas the universe has infinite dimensions. Here is the description of ordinary matter, and is not a continuous process, the intermediate process is difficult to predict, but the final low-dimensional collision residual energy and high-dimensional collision residual energy ratio is 1 : 1 (The multi-dimensional structure is more complex.). **(It is difficult to compare the ratio of the two to a multidimensional structure such as the universe, because the dimensional structure of the universe can be expanded. The definition of the two energies is vague, and the ratio of the two is a changing relationship, which is not easy to compare high and low. Can not understand can read the last part of the article, can also temporarily skip.)**

This involves the dimensional equilibrium across multiple dimensions of matter. However, this does not mean that the total amount of dark matter is increasing; instead, dark energy will gradually diminish, but the rate of the universe's expansion will continue to accelerate (the overall trend is accelerating, though some structures are harder to discern). **In fact, the real expansion of the universe is also caused by the dimensional balance. The remaining energy of low dimensional collision and high dimensional collision determines the positive and negative energy in the three-dimensional material plane. In the process of matter's dimensional elevation, the negative energy corresponds to the residual energy from low-dimensional collisions, leading to a continuous increase in the proportion of negative energy. The residual energy from high-dimensional collisions is more akin to the product of the residual energy from low-dimensional collisions, representing positive energy within matter (Low-dimensional positive energy corresponds to high-dimensional negative energy, and high-dimensional negative energy corresponds to low-dimensional positive energy.). Therefore, the proportion of residual energy from low-dimensional collisions (the rate of negative energy growth) is always higher than that from high-dimensional collisions (the rate of positive energy growth). As long as perfect dimensional balance is maintained, the expansion of the universe will always be accelerating. But the acceleration will get smaller and smaller. When the universe is expanding at a uniform rate, the universe will reach an integer dimension, which also means that the universe does not have space and energy. Note that the final infinite dimensional unit is not a small zero dimensional point (It is an infinite dimensional point, and a big explosion will occur again like a zero-dimensional point. The reason is that our universe may be just one link in all universes. That is to say, the integer dimension we think is only a node of the non-integer dimension in other universes.).** And I suspect that the "small zero-dimensional point" inside the zero-dimensional point will "reduce its dimension" as the dimension of the zero-dimensional point increases (It formed countless small zero-dimensional points). This is somewhat incredible (That is, the negative dimension, assuming that the current dimension is -2.2, then its integer dimension is -3), so I don't think we need to consider that for the time being. And the small zero-dimensional point doesn't belong to this world.

This situation differs from the universe; the low-dimensional collision residual energy within the human body is unstable and dissipates more quickly (seemingly not originating from the first cosmic Big Bang). However, there is a method to explain it, albeit somewhat complex: imagine the universe undergoing a process of ascending from zero dimensions to infinite dimensions. At this point, the universe is in an infinite dimension. Beyond this universe, there are countless other universes. Thus, our universe has only ascended one dimension (For all the universe may be just a 0.1 or other). All universes will then ascend again, with the dimensional collision residual energy accumulating for our universe (let's assume this for now; in fact, it could also accumulate for other universes. That would also produce a big bang). At this moment, our universe undergoes a "Big Bang," but before the Big Bang, our universe had a bit of residual collision energy (there will still be residual energy after infinite dimensions). This residual collision energy will remain within the

universe. However, this does not mean that these energies do not move; they will enter some zero-dimensional points (at this point, the interior of the zero-dimensional points is a new universe, containing infinitely many infinitely small new zero-dimensional points). I don't recommend considering this explanation, but it just shows that the birth of life is possible and doesn't need to be adopted. I personally don't like this infinite loop. In addition, this special collision residual energy will also cause the regular natural laws to become irregular. The probability of quantum mechanics is attributed to the fact that there are two kinds of collision residual energy at the beginning of the 'big bang' (which will produce infinite dimensions). These are two concepts that should not be confused. If there is only an infinite dimension, it really does not reach the ideology, at most a mathematical probability. The real sense of autonomy should be like the superposition of more than one infinite dimension, or the two kinds of collision residual energy can be adjusted at will. At this time, I say that some special zero-dimensional points have negative dimensions. Because the dimension balance between the negative dimension and the positive dimension is more like the interaction of multiple infinite dimensions. At present, I have not been able to describe how these negative dimensions generate consciousness. I can only know that each dimension contains these special zero-dimensional points, and there is a connection between them.

It is like everything is designed, but you never know how the future is designed, but the short future can indeed sense part of it by some means, but it will never sense all the details. This not understanding can be skipped.

If there is a central low dimensional collision residual energy, then it can also be concluded that a small amount of high dimensional collision residual energy is more likely to accumulate in the lowest dimension people, and a large amount of high dimensional collision residual energy is more likely to accumulate in the highest dimension people. Because low dimensional collision residual energy can produce high dimensional collision residual energy, a high dimensional unit may still have more low collision residual energy (The dimensions are very different). However, this situation will cause the unit to rise in dimension too fast. Hether the specific center can form positive energy is still uncertain (Its origin is unclear, but it could be a remnant of the last cosmic upgrade, or there was some special zero dimensional points before the Big Bang, or something to do with small zero-dimensional points. But almost certainly, this energy exists in the human body or on Earth.), because this is not like a single-dimensional structure (three-dimensional to four-dimensional). It's more like that multi-dimensional or cross-dimensional structures.

Low-dimensional collision residual energy differs from high-dimensional collision residual energy; its form of energy should not be directly discussed. It contains both positive and negative energy, similar to the positive and negative energies of matter. Its primary function is to generate matter and help matter to rise in dimension, so the form of energy can be disregarded. If we have to start from the form of energy, then the residual energy of low-dimensional collision belongs to the internal positive energy, because it generates a very low dimensional material. And the residual energy of high-dimensional collision belongs to the external positive energy (There should be no misunderstanding here. The residual energy of high dimensional collision is to promote the balance of the overall internal dimension, while the residual energy of low dimensional collision is to promote the balance of the overall external dimension or expand the external dimension) It can be simply understood as the low dimensional collision residual energy is also easy to gather in a low dimensional part of the whole (The unit with the highest dimension of existence). In fact, the aggregation point is very complex. There are many situations to consider. Different nodes will have different aggregation points, which can be considered first. However, it is often concentrated in the highest dimension, and the collision residual energy of high dimension is somewhat similar to that of low dimension, but there are some differences: the collision residual energy of low dimension corresponds to the negative energy in matter, while the collision residual energy of high dimension corresponds to the positive energy in matter (It's not contradictory, but it's abstract). In fact, all matter can absorb the residual energy of low dimensional collisions. However, the absorption of ordinary matter is not obvious, so this distinction is made (explained later). Matter with lower dimensions has

more high-dimensional collision residual energy. The coexistence of residual energy from collisions across different dimensions leads to the coexistence of matter in these dimensions. That led to this three generations of basic particles (high-order correction). Note: This does not mean that the elementary particles contain low dimensional collision residual energy, but are generated directly. The first few dimensions of the elementary particles still reach integer dimensions. where the residual energy from zero-dimensional collisions can directly produce three-dimensional matter, and the residual energy from one-dimensional collisions can also directly produce three-dimensional matter (This process is a bit complicated, but it can only be roughly described as: two-dimensional collision residual energy and three-dimensional collision residual energy can form three-dimensional matter. One-dimensional collision energy and four-dimensional collision residual energy can still form three-dimensional matter (The collision residual energy here refers to the matter in the next dimension.). This may involve very complex dimensional balance, which will not be discussed here for the time being. This process cannot be "oscillations" because it is made of matter). There is an interesting phenomenon regarding particle iteration issues, as mentioned earlier, forming organisms requires five combinations. This includes low-dimensional collision residual energy, which can combine with high-dimensional collision residual energy to form new matter or determine existing matter. Multidimensional connections lead to iterative effects of matter (higher-order corrections). In other words, we do not consider energy but only the types of matter (directly converting energy into matter). At this point, the combination methods can also be written in the form of  $4 \times 3 = 12$ . That is, each major category among the four large categories will have three similar subcategories. Of course, these combinations are only approximate expressions and are not rigorous (Because a vibration direction may consist of an infinite number of vibration directions, it is not rigorous to describe the result without considering the process). In fact, many phenomena are related to these combinations, such as chemical elements, photon spectrum and so on. It is just more complicated, and it is necessary to analyze the characteristics of 12 combinations for subsequent combinations. As for the 8 or 5. Note that there are more complex philosophical ideas in these two ways of understanding, both of which are correct. Although the author does not have the ability to explore the difference, but can provide some inspiration, 12 belongs to the collision residual energy itself more cases, and 5 belongs to the aggregation of collision residual energy. It will be mentioned later that the big whole can be divided into two wholes, 12 belongs to the whole A, 5 belongs to the whole B

In addition, there is the super-symmetry principle favored by physicists, where bosons are more like two directions of dimensional balance within matter. Therefore, bosons generally contain only one form of energy. However, this does not mean that spin can only be 1 (there may be single energy types in multiple directions, so it is more often directional). Other integer spin values also exist, but they usually do not exceed three. We can think of bosons as a zero-dimensional point (three dimensions) inside matter, and photons as a zero-dimensional point (four dimensions). The eight combinations mentioned above determine the types of gluons. However, photons belong to the integer dimension and can only exist in one form. Fermions, on the other hand, are more akin to the material level (many zero-dimensional points), requiring a half-integer spin quantity (satisfying the dimensional enhancement method in Riemann's conjecture, thus more often balancing positive and negative energies. Therefore, fermions should correspond to bosons. However, it is important to note that the types of elementary particles are fixed, determined by the residual energy from low-dimensional collisions, while other dimensions can be achieved simply by changing the number of elementary particles. The ratio of positive and negative energy is realized by changing the number of basic particles. The reason why supersymmetry does not exist is that the basic particles in the standard model are the most basic particles in the three-dimensional world, not all the basic particles in the whole. For example, the basic particles of the Milky Way are not electrons and protons, but stars (each star is different). Don't look down angry.

The basic particles of a chemical substance are molecules, not the most basic particles (each molecule has a slight gap, not that each molecule is composed of atoms will be exactly the same. Maybe we still think that each molecule is the same, in fact, it is not : the position of the molecule and

the molecule is different, that is, the direction of vibration is different). That is to say, supersymmetry exists, but the observation angle is not enough. We can't see the supersymmetry phenomenon when we observe the basic particles, but when we become particles, we can see the supersymmetric particles again. This involves a very abstract philosophical phenomenon, which can be temporarily ignored, but there will be some statements later in the article (if really curious, you can understand the following  $\infty$  comparison formula, or how to distinguish the last 2 and 3). At this time, we observe the particles, which is equivalent to God observing the particles. This cannot form 2, only 3. This may seem like idealism, but if you can understand the direction of vibrations, you know the mysteries. Like we walk in the street to see the crowd, more is to see the gender differences between men and women. But if God looks at all humans from a God's point of view, the first thing to feel is not gender difference, but ethnic difference (different directions of vibration, and the basic unit of God's perspective is not one person, but two people, or a couple) Or the supersymmetry phenomenon is buried in every particle. Even the most basic particles can continue to split, because three-dimensional is not the smallest dimension. When the basic unit becomes an integer dimension, or the positive and negative energy are equal. At this time, the husband and wife are no longer two people, but fit together. That is to say, no matter how hard God tries, he can't see two people. But it knows itself that it is a man and a woman into the same unit space. **Particles and particles can not distinguish between a variety of particles, can only be charged separately. In other words, the basic particles do not have the ability to observe, and at present, human beings seem to have encountered this dilemma. People can not see the inside, but only the outside (Losing the perspective of God). That is to say, human society is more and more like ordinary matter, rather than multi-dimensional structure. I can't say more, can read the last part of the article to understand.**

There is also a slight possibility that there is another combination that can approximate our world. This combination is very clever and requires careful thought. Now consider only space, not time (for reasons similar to the fact that time does not change the basic units of matter, but only the quantity and proportion. However, at this point the basic unit becomes the basic unit of the basic unit, which can be skipped if you don't understand it.) Ordinary matter is three-dimensional, while the zero-dimensional points that make up matter are four-dimensional (time is not needed here either). Assume that there are also an infinite number of "small zero-dots" inside the zero-dots (the zero-dots here are the basic units that make up the universe) (here the countless small zero-dots are assumed to be a complete universe). At this point, the number of dimensions or directions of motion of the small zero-dimensional point will become  $3+4=7$  (At this point, "time" will be completely synchronized with us, or in mathematics it can be converted into each other). Why do we think about it this way: we want the residual energy of the low-dimensional collision to be completely dispersed, or in other words, only in this way can the residual energy of the low-dimensional collision be dispersed from the zero-dimensional point to completely disappear. If there were no seven dimensions, there would be no "small zero-dimensional point" or a structure like our universe. In fact, this combination is not observable in reality because we are not a "small zero-dimensional point." (Here's a bold hypothesis I still want to make, that this particular low-dimensional collision residual energy might turn into high-dimensional collision residual energy for small zero-dimensional points. In other words, small zero-dimensional points are constantly reducing their dimensions. My ability is limited and I won't consider it for now.) At this point, the number 7 is not fixed, and it changes as the dimensions change (the state is restored at this point, but the small zero-dimensional points also change). Because I am limited in ability to express it well, but this argument is of great significance. The argument here involves very complex mathematical principles, which will be used as a reference for the time being. It's a shame I can't explain it, but it's an important argument.

If we disregard the small zero-dimensional points and focus solely on all 3-4 dimensional structures (not units or individual substances, but entire dimensional frameworks), we can directly quantify or concretize the residual collision energy. This requires 0-7 dimensional spaces to achieve the transformation from 3-4 dimensions. This is essentially the same as the previous paragraph,

differing only in perspective (I can't describe it well, but the role of small zero-dimensional point can be directly thought of as more collision residual energy, or as a large whole).

The higher the dimension, the less energy is left over from the collision. I want to discuss a non-scientific point: as time goes on, our world will become more materialized, but many emotional energies will become weaker. But we are not ordinary matter. We have the ability to disperse the residual energy of low-dimensional collisions, and we can also obtain this energy, so we should not give up this energy. Although this will give us more negative energy (dimensional rise), it is still our unique feature. (Bring in more negative energy and don't be sad, it's going to be part of the dimensional structure, not what you think it is.) Due to the addition of residual energy from low-dimensional collisions, dimensional equilibrium (collisions) can be formed between materials in different dimensions. Although cross-dimensional equilibrium is very complex, we can still try to find this rule.

This paragraph was added under pressure of inaccuracy but importance: I previously assumed that the Earth has a special low-dimensional collision residual energy. In reality, this energy accumulates and disperses alongside the low-dimensional collision residual energy from the Big Bang (collision residual energy). This process is difficult to describe precisely but can be roughly understood as the accumulation of one type of low-dimensional collision residual energy leading to the accumulation of another special type of low-dimensional collision residual energy. This is a complex reason, which I explain as a dimensional balance between the universe and the universe (which is inside the zero-dimensional point). However, the characteristics of accumulating low-dimensional collision residual energy are not obvious at present.

Although I don't understand applied physics, I think turbulence in fluid mechanics can gather low dimensional collision residual energy (or inclusion relationship). The reason is that the fluid is not easy to lift its dimension due to certain reasons (I understand that the positive and negative energies are equal, but they do not reach the integer dimension), which leads to a large amount of low-dimensional collision residual energy accumulation. The process may be caused by some reasons that cause the fluid to lift its dimension too fast, resulting in a large amount of high-dimensional collision residual energy. It's kind of like a lower dimensional matter suddenly getting higher dimensional. At this point the remaining energy of the high dimensional collision does not disappear (The specific reasons are not clear, but the fluid itself has the characteristic of accumulating low dimensional collision residual energy. Ordinary matter typically lacks this characteristic unless the fluid itself is not a one-dimensional substance (For example, three to five dimensional matter instead of three to four dimensional matter) , meaning that the high-dimensional collision residual energy within the fluid has reached the material level. Ordinary matter is not unable to accumulate low dimensional collision residual energy, but ordinary matter is not the most likely material in the whole to accumulate low dimensional collision residual energy, so I simply describe it as ordinary matter cannot accumulate low dimensional collision residual energy. In fact, all matter can accumulate the residual energy of low dimensional collision, but it is not obvious, because it is difficult for ordinary matter to quickly upgrade its dimension (I'm afraid of misunderstanding, not that it's impossible to accumulate low dimensional collision residual energy). The high-dimensional collision residual energy in ordinary matter usually manifests as gravity or external positive energy, whereas in fluids, this energy is no longer at the external level.). Therefore, as long as there is a vibration (dimensional increase, or time passes), the residual energy of low-dimensional collision and high-dimensional collision will be gathered to achieve dimensional balance. At this time, the fluid will only continuously improve the dimension, so as to achieve turbulence. This is just the basic principle, the real process is very complicated. Neutron stars, on the other hand, are more like two-to four-dimensional matter (opposite to turbulence), and the exact reason is not yet known. This may be the final guess of the article similar to the ' intersection points ' in the multi-dimensional whole.

To be clear: We might think that fluids or turbulence are more likely to lift dimensions than ordinary matter? But there's really no difference, just different processes of dimensional equilibrium.

Because the dimensional structure makes it look very different, so the process of change is not the same.

However, turbulence differs from Figure 20, which illustrates the significant changes in matter caused by special collision residual energy. Turbulence arises because the original matter has a higher dimension but can still rapidly increase its dimensions. It may seem unbelievable, but it is certain that turbulence is akin to the intersection of two dimensions, similar to the boundary between three-dimensional and four-dimensional matter. The dimensional balance in the universe is not limited to a finite number of dimensions but is formed through the interaction of multiple dimensions. This means that two-dimensional and five-dimensional matter can also achieve dimensional balance (though this is less common, it does exist). The result is a combination of three-dimensional and four-dimensional matter.

At present, it is not clear what role humans play in the universe (the relationship between humans and various energies is not clear), which makes the problem more complicated. **Therefore, we only need to collection the basic principles first, and the specific process needs to be explored slowly.**

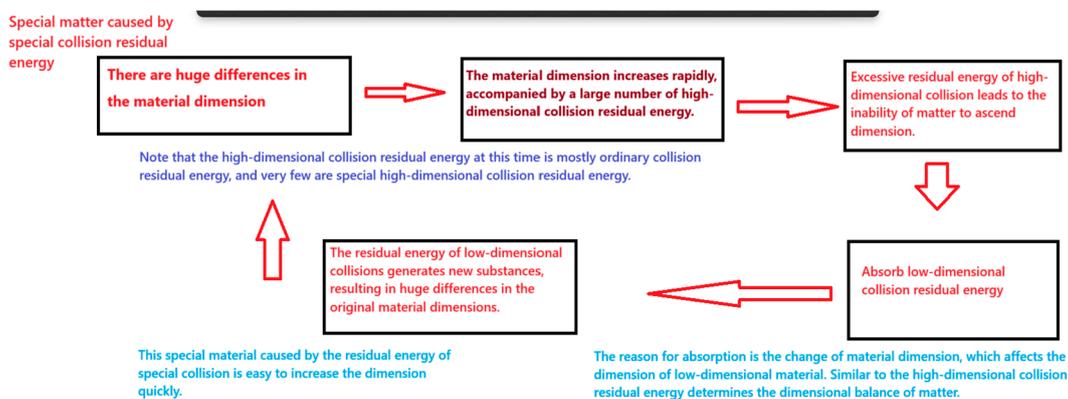


Figure 20.

Finally, there is a change. I expressed the gradual weakening of dark energy before, but now I think that dark energy is basically unchanged (The dimension increases, the total amount remains the same, but the space becomes larger. That is, the total amount of dark energy of the same matter remains the same, but as the dimension of matter increases, the density of dark energy becomes smaller, but the proportion remains the same). The reason is actually a little complicated. The dimension of dark energy is getting higher and higher. The higher the dimension, the less energy. It is not difficult to understand that the higher the dimension, but why does the proportion of dark energy not decrease? The remaining energy from collisions in low dimensions corresponds to negative energy in three-dimensional matter, and the proportion of negative energy will increase, but this does not mean that the negative energy in matter does not increase the direction of vibration. So dark energy can almost be thought of as constant, but the process should fluctuate up and down, but remain constant. In summary, the density of dark energy is always constant for a changing universe, but it decreases for previous dark energy. And it's true that the acceleration of the expansion of the universe will get smaller and smaller: Because the dark energy density is increasing to keep the expansion acceleration constant (the remaining energy dimension of three-dimensional matter and high dimensional collision increases), a constant density of dark energy would only cause the acceleration of expansion to decrease.

If that's not clear, we can simply think of dark energy as a higher dimensional matter in a whole (The residual energy of low dimensional collision corresponds to the negative energy of matter, and the residual energy of high dimensional collision corresponds to the positive energy of matter). Because the corresponding way of cross-dimensional balance is probably the positive energy of the previous dimension corresponds to the negative energy of the latter dimension. Because matter with

higher dimensions ascends more slowly, the growth rate of dark energy will slow down (the growth rate of negative energy will also slow down), but the change is very gradual. (Density also needs to take into account the decrease of energy with increasing dimensions.) Thus, the acceleration of the universe's expansion is decreasing (The acceleration is reduced until the acceleration is 0. The universe loses all the collision residual energy and reaches the integer dimension. The subsequent movement to other universes is not considered for the time being.).

The residual energy of this special low dimensional collision on Earth is somewhat similar to the dimensional balance with the existing universe, and the process is similar to the balance of positive and negative energies. **Although the form of energy is opposite, it can promote the dimensional rise of the residual energy from ordinary low-dimensional collisions in the universe. This is a bit like what we call "autonomous consciousness. "If you can't understand, you can assume that the universe is three-dimensional matter, and this special energy is the residual energy of collisions. But it can be balanced with the remaining energy from low dimensional collisions (the energy source of the universe is the remaining energy from low dimensional collisions), and if there are small zero dimensional points, then it may be a high dimensional collision residual energy that comes from within the zero dimensional point. That is, the dimension of the small zero-dimensional point will be continuously reduced (the first vibration direction is negative). If so, the problem becomes very complicated. Some laws of the universe fail inside the zero-dimensional point or even the opposite, but some laws are the same as the universe. In particular, the accumulation and dispersion of collision residual energy may be more complex or even unpredictable. The reason why it is not predictable is that every dimension in the universe will produce this special low-dimensional collision residual energy, and many infinite dimensions will process of achieving dimensional balance is more complicated.**

I have to make one point: There is a bottleneck in the process of overall dimensional increase. When the positive and negative energies in the whole are close to each other, it is difficult to gather the remaining energy of low dimensional collision (Here is a special case, which can be considered as the situation when the zero-dimensional point is moving in the positive direction and just collides with the wall and has not rebounded.). At this point the whole thing may break up because it can't go up in dimensions (lacking the remaining energy from the high dimensional collision). It's very difficult to solve if you want to, because matter or the whole has almost no ability to autonomously aggregate low-dimensional collision residual energy, and can only rely on changes in the outside world. Now back to the special low dimensional collision residual energy that we were talking about earlier (A special zero-dimensional point or a substance with a negative dimension) , this energy has exactly this ability to help matter gather ordinary low dimensional collision residual energy. If the Earth does qualify for special low-dimensional collision residual energy, there is still a peaceful path to solve the problem. Assuming that the low-dimensional part B in the whole A can no longer be upgraded again (B has the highest dimensional material), then the high-dimensional part C needs to upgrade autonomously. It may be difficult for the high-dimensional part C to upgrade due to the previous theory. However, if this whole becomes too much of a low-dimensional part A in another big whole D, then the high-dimensional part C can be considered as the high-dimensional part in the low-dimensional part A in the big whole D. At this point, special low-dimensional collision residual energy can be gathered again to promote ordinary low-dimensional collision residual energy. However, the overall D is not easy to form, but there is still such a possibility. It can also be understood as the high-dimensional part gathering the low-dimensional collision residual energy or the high-dimensional part rapidly improving the dimension (This is generally used to describe a large node, and a small node is usually contained within a large node. Or a small node is used to describe a small whole, and a large node is used to describe a large whole. This does not mean that the big whole cannot be in a small node. Only when the big whole is at this special node, all the small wholes are at the small node. Small nodes generally only need the whole B to gather the high-dimensional collision residual energy first, but if all small wholes are in small nodes, the high-dimensional collision residual energy cannot be gathered at this time. Can 't understand can skip first.).

Finally, I want to express that because I have recently seen the Norton dome paradox, I kind of believe in the existence of small zero-dimensional points. If small zero-dimensional points do exist, then time may or may not have a beginning (both are possible, not one or the other). Because small zero-dimensional points can achieve dimensional equilibrium with our universe, dimensional balance also means that as soon as there is a dimensional difference, the two energies will change dimensions. (This may also mean that there are other universes beyond the universe, or even an infinite one is not enough to describe it. Note that the infinite dimensions generated by these and special zero-dimensional points are two different concepts. However, the Big Bang was not caused by these special zero-dimensional points (To put it simply, the Big Bang might or might not be tied to specific zero-dimensional points. The crux lies in whether these pre-Big Bang zero-dimensional points reached integer dimensions relative to other universes. The author argues that they didn't achieve integer dimensions, thus concluding that the Big Bang has nothing to do with special zero-dimensional points and instead represents a natural dimensional upgrade from non-integers.) , because the zero-dimensional points we think of may not be completely zero-dimensional in other universes, or even non-integer dimensional units (Even if the dimensions were not integer, our universe would not have had a big bang again. Because a whole can only have one big explosion, the next big explosion needs a larger whole.).

There is no contradiction here, and the small zero-dimensional points are not the previous dimension of zero-dimensional points but rather a form of energy resulting from certain postnatal causes. This is indeed difficult to understand, but you can choose not to delve into it.) However, I am not aware of other properties or mechanisms of small zero-dimensional points, and I cannot determine whether all zero-dimensional points contain small zero-dimensional points. I believe that only a very few zero-dimensional points contain small zero-dimensional points, and each dimension contains some special basic units (Special zero-dimensional points).

Let me explain: A small zero-dimensional point is not the previous dimension of a zero-dimensional point, but a negative dimension (A zero-dimensional point may have a previous dimension and indeed exist within the zero-dimensional point, but these are two concepts. Maybe in the larger universe, the small zero-dimensional point is also a positive dimension, but in our universe, the small zero-dimensional point can only be a negative dimension. This meaningless, can be temporarily skipped). Even if the zero-dimensional points in our universe are not zero-dimensional in other universes, there will be no big bang to continue to increase the dimension (No need to worry about the Big Bang happening again). Unless the universe goes up to an integer dimension (the final state of the universe), but if so, the infinite dimensions of the universe will become a fixed number. Let's just assume that there is only one infinite universe outside the universe (let's just assume that there is only one, but probably an infinite number of infinite dimensions). So at this point the infinity on the left side of the formula is just a fixed value on the right side of the formula, but it's infinite relative to the left side. This is not easy to understand. It can be assumed that each node of the material dimension of non-integral dimensions may be upgraded to an integral dimension for a reference frame of smaller dimensions. However, when the material dimension of non-integral dimensions is upgraded to an integral dimension, it may only be upgraded to a node for a larger reference frame.

(In the past or present)  $\infty \leq \infty$  (future)

This is an abstract formula designed to express the idea that infinite dimensions in a larger range might just be a fixed number. Or to understand that our universe has boundaries and that there may be infinite universes beyond it. **Quantum probability is limited to our universe (including consciousness), and the set of all universes can be calculated for the quantum probability of our universe. But it's not clear whether the set of all universes has a limit.**

This is a philosophical speculation, which has no practical physical significance for the time being.

There is another misconception that special zero-dimensional points are similar to the universe in that they have infinite dimensions. In fact, this is not the case. A universe without special zero-dimensional points has no negative dimensions and only positive ones (The negative dimension also

has a difference between positive and negative energy). That is to say, the two are inclusive rather than similar (We can temporarily interpret this as an inclusive relationship, but there exists a certain connection between all special zero-dimensional points. Moreover, these special zero-dimensional points themselves remain zero-dimensional (The Earth, like all other planets, is a member of the basic unit), it is also because of the infinite negative dimension that there is an infinite positive dimension. In other words, the universe is because there is a negative dimension to form a positive dimension, otherwise the universe is not now. Therefore, it can also be understood as a similarity relationship.).

(This passage does not involve physical thought, but more of the author's thinking about the real world) Finally, there is the author's own speculation: the world lacks low-dimensional collision residual energy. Observe that there is a big whole in Figure 21 below (I just saw the pictures are somewhat surprised, is not the dimension is rising? We may forget that the process of multi-dimensional structure dimension elevation is not only the step of dimension elevation, or it cannot be raised all the time.). The big whole is divided into two small wholes A (low dimension) and B (high dimension). Each small whole can be divided into positive energy part and negative energy part, separated by a straight line. The left is the positive energy part, and the right is the negative energy part. If this whole has not been able to gather the residual energy of low-dimensional collisions, it will cause the energy properties of the material to move closer to negative energy (the residual energy of high-dimensional collisions is less and less). Until the change is completely stopped, if the low-dimensional collision residual energy cannot be gathered in the process of approaching, the whole is decomposed (The degree of decomposition is affected by many factors).(Nodes need to break through in order to continuously expand the dimension structure, if not break through can not change the scope of the whole. Here the whole is the dimension whole. At this time, you can choose to continue the internal dimension balance, but this will disperse the whole. Because the high-dimensional collision residual energy will be less and less. How it will be when it's decentralized is not discussed for the time being (Low dimensional collision residual energy is likely to be accumulated independently, but such multi-dimensional structures will not exist.). You can also choose to have an external dimension balance happen without changing anything, but it is somewhat unrealistic at present (But in this way, the outcome is often not good. The reason is that most of this vibration is in the negative direction for the first vibration direction, even if the success is relatively short. Since there is no internal change, it cannot be well connected to the next positive movement, so it still belongs to the internal dimension balance of the big whole). Another way is to change from the inside. Assuming that human beings have small zero-dimensional points, the dimension of small zero-dimensional points can be reduced first, so as to gather the residual energy of low-dimensional collision. This will cause the dimension of the whole B to change first and then the whole A to change.). But what makes me wonder is that human society should have the ability to gather the residual energy of low-dimensional collisions, but it is not obvious why (Because the article is difficult to explore. It may be a 'necessary way'). If you are wondering, you can analyze the current energy changes through the three membranes above. A is understood as male, and B is understood as female. However, it is necessary to distinguish whether it is acquired or innate. There is no gender discrimination here, and the significance of the two genders is equally important.

This diagram may be somewhat difficult to understand, and it is logical that the process of raising the dimension should be to move closer to the middle (this is certainly true). This figure does not mean that instead of moving closer to the middle, it proves that the trend of moving closer to the middle is the weakest. The reason is that part of the high-dimensional collision residual energy of the whole A is transferred to the whole B, and part of the low-dimensional collision residual energy in the whole B is transferred to the whole A (this is correct). Don't be misunderstood, don't think that the residual energy of the high-dimensional collision in the whole A is less than that of the whole B, only a partial transfer. This process is described later.

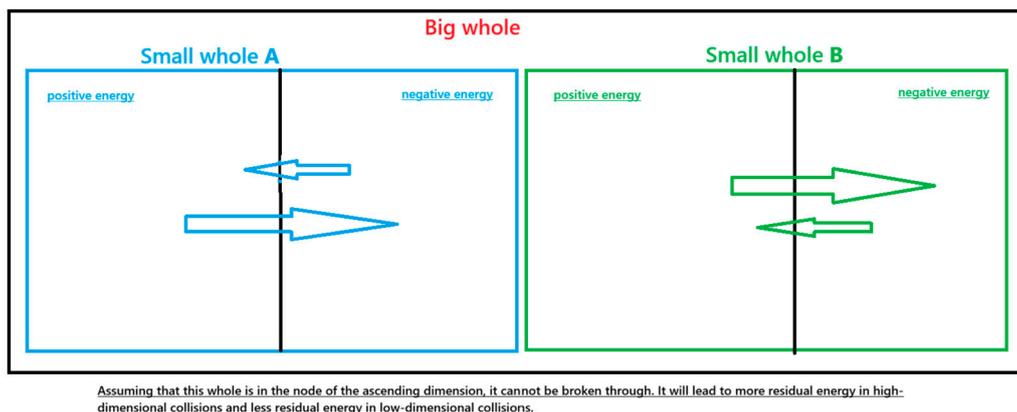


Figure 21.

The residual energy of high-dimensional collision is less and less, and the residual energy of low-dimensional collision is less and less. The first method (ordinary node) : At this time, the big whole will disperse the small whole to share the pressure of positive and negative energy imbalance (in other words, the original big whole cannot maintain these small wholes, or cannot be internally balanced, and may reduce the number of small wholes in some way. This can also be understood as a strong internal dimension balance, attention must be strong enough otherwise it cannot achieve the goal). In the process of internal balance, the whole A will first gather the high-dimensional collision residual energy, and then the whole B will gather the low-dimensional collision residual energy. The above is one of the relatively simple solutions : reducing the number of small wholes, this process will again obtain the residual energy of the collision (in fact, continue the internal dimension balance). The other is more complex. Generally, it is the first method. But don't ignore the little zero-dimensional points I mentioned earlier. If small zero-dimensional points can be involved, there is a second method. But when will the small zero-dimensional point intervene (Considering the intervention of small zero-dimensional points first, without considering the intervention of small zero-dimensional points, some basic theorems in the previous article will be changed.).

The second solution I think : the whole B first gathers the low-dimensional collision residual energy (the whole B balances the internal dimension first), and then the whole A generates the high-dimensional collision residual energy (here is a special node problem, only in this case. It is mainly the intervention of small zero dimension points, which leads to the internal dimension balance of the whole B first, and the internal dimension balance of the whole again. I can only do so complete the theory is very complex) Different from ordinary matter, human beings need low-dimensional collision residual energy because of the need to continuously expand the dimensional structure (we must follow the big whole of the universe to accommodate multiple dimensions, otherwise we can only continue to disperse. This is not to say that dispersion is not correct, but to describe dispersion while establishing a new boundary to accommodate all the whole. The universe is also constantly dispersed, but all substances in the universe interact with each other and can be understood as connecting all dimensions together). However, at present, the lack of low-dimensional collision residual energy leads to the lack of high-dimensional collision residual energy. More like an ordinary substance. Of course, compared with the infinite dimension structure of the universe, human beings are indeed ordinary matter, but they are more than the general material dimension structure. We can understand the whole A as male and the whole B as female. Whole A and B can also have other representatives, not just gender. But each opposition represents a wholeness. All the holistic superposition is the multi-dimensional structure of human society. I choose to use men and women as examples because this group of opposites is more obvious and basic. It is not intended to manifest gender antagonisms and gender contradictions, but to make it easier to understand the problem.

This is a bit like a paradox. For example, a person who used to be angry but couldn't control his own emotions has become both angry and good at controlling emotions. This is something that ordinary matter cannot do (only show a form of energy), which is somewhat similar to the 'autonomous consciousness' that we usually understand. It is also the multi-dimensional structure mentioned in my article, and the key is whether the small zero-dimensional point can play a role. I explain it from a philosophical point of view: each big whole is neutral, and the small whole of the big whole has a specific energy form (positive or negative). However, this is only a matter of observation angle. The small whole is neutral in its own field, which is the charm of the multi-dimensional structure. For example, the galaxy as a whole is neutral, but each planet is in the form of energy. However, if each planet is taken as a whole, the planet is neutral, and the matter on the planet has its own energy form, the Milky Way is a multi-dimensional structure (I believe readers can understand here). At present, it is necessary to expand the dimension structure, so you now feel that this is a paradox, in fact, completely correct. In order to prevent gender conflicts, let me explain again: the men constant in love is constant is higher, and girls are worse in this regard. This is not man-made, it can be understood as the law of nature. Men should give women some help and positive energy (the kindness and empathy that girls should have, as well as amazing stress resistance). Women are naturally more emotional and yearn for positive energy, while boys are generally more simple and prone to emotional instability. Women should give men some guidance (justice and selfless dedication that men should have). In addition to these, there are many unique characteristics of men and women (not to engage in gender opposition, but more to express the same importance of the two in this way) (the specific reason may be that the whole A lacks the residual energy of high-dimensional collision first. But what is the reason for the lack of high dimensional collision residual energy in general? Actually, it doesn't matter. At least for now, don't think about it. Not that you can't look back, or forget the past. It's just this special node at the moment, it can't stimulate gender conflicts anymore. With the development of the times, everyone becomes more and more smart, but smart is not necessarily correct. It's like a special zero-dimensional point at the beginning. Why does it keep expanding? Isn't this destroying itself? But this will lead to a trend towards a complete balance of positive and negative energy.).

Say a little off-topic here (You can temporarily not read this part, read all the articles to read this part.). Now ordinary people know too much, which seems to be the dimension of material ascension. In fact, on the contrary, because everyone knows is basically listening to others, rather than their own personal experience. This is actually the high-dimensional collision residual energy enhancement dimension. This will make it difficult to gather low-dimensional collision residual energy (Lack of high dimensional collision residual energy). Many people are not very old now, but they know a lot of things. This seems to be a kind of growth, but I think these knowledge and ideas are from the understanding of others, not really their own experience. I am not belittling the known truth, but rather too unified. Simplicity is simply the ability to innovate that affects the future. It doesn't mean that you're completely opposed to these ideas, but rather screening and going through them yourself. On the contrary, it is too much to pursue unity, and it is difficult to truly achieve unity (shrinking dimension structure). This is not to let you do what you want.

In order to prevent misunderstanding, I am making a statement. If now young people can understand the knowledge that does not belong to his age. Because he has no personal experience, it is difficult to have his own ideas. I am not saying that this knowledge is not correct, nor should there be guidance. Just too much, will affect the future innovation ability. This does not mean that we should oppose these unified ideas or past ideas. But to screen and think. Because everyone's environment, age, gender, character, role and so on are different. Not necessarily a theory suitable for all people. Don't think to do whatever you want, I have said before, in the same whole, there is a similar direction of vibration (the new whole must have the basis of the original whole). This is not to expand the dimension structure, but to separate from the whole (Excessive freedom). Detaching from the whole will cause the residual energy of both collisions to be unable to accumulate (not

absolutely, not discussed here). I do not deny any thought, you make your own choice. So the whole is constantly changing, but how to change, only by your own choice.

Many people say that life is painful. So why is everyone afraid of death? Life does have a lot of disappointment, but also has a lot of good. If young people do not experience it themselves, there are already many concepts in their minds, which is not the correct guidance. It's more like a catalyst or a growth hormone. This will empty the child's heart (According to mathematical logic, it will empty the heart in a short time, but there may be reversals in a long time. is like a test directly answer, calculate  $10 + 10 = 20$ , if the answer is told directly, without going through  $1 + 1 = 2, 2 + 2 = 4, 4 + 6 = 10$  and so on these processes. It is likely that  $17 + 14 = 33$  will not be known later. What I want to say is that today's young people are far more than the old people (it seems that they are not as good as the past, in fact, there is no opportunity). Without telling these processes, they will also explore the answers themselves. But they will blame you for not telling them the truth. The author does not have any discrimination or disrespect, nor does he blame anyone. Just want to express if we can't really respect them (before may have an overwhelming advantage), maybe they won't respect us (they are not weak). Is it a bit difficult to understand, I put it another way. Now is not the era of personal heroism, but the era of fair competition. Because there is no weak in this era, as long as there is meat everyone will grab, afraid there is no meat. Maybe my words aren't accurate or appropriate (even making you angry, but I want you to calm down and take a good look at these kids, they are strong and terrible).). This special node is somewhat different, because the wrong is not necessarily the child. This special node does not require the guidance or even criticism of the high-dimensional part. The high-dimensional part needs to be changed first. Don't be angry, keep listening to me. Assuming that a person has had a failed love, this person will look forward to only gaining positive energy in the next love and will no longer be willing to maintain the original intention (I know it's not your fault, the same is true of the author himself). Always think of others first change, or others to save you, never thought of yourself to save yourself. The same is true of the family. You yourself have not maintained your original intention in all kinds of hardships, but think that it is the child who is too rebellious (the child has a strong negative dimension). A child can't suddenly become a fool or suddenly lose memory. Their minds can't change in a short time, but their hearts can change in a short time (I know this is for children to eat less pain. In fact, their inner changes are basically dependent on the outside, so the environment is important to them. It seems that children are rebellious, but they lack the ability to rebel independently. That is to say, they are difficult to change independently, but parents or other educators are different. I don't know if you can understand. Low-dimensional materials have strong positive energy, but lack the ability to aggregate low-dimensional collision residual energy.). Human beings are different from ordinary materials. Human beings have their hearts. For example, electrons are negatively charged and protons are positively charged. Ordinary matter is direct attraction, while negative dimension matter is direct repulsion. The special zero-dimensional point is both attractive and repulsive. This is not for you to understand or learn, but rather to make your own choices. But attraction and repulsion are internal and external (two cases). That is to say, in general, only one form of energy is presented and relatively fixed (if you can't understand it, you can look at Figure 19 and another undrawn picture: even if you have completed both positive and negative dimensions, there is a large probability that only one form of energy can be presented). Truth may not be what we think, so don't rush to make a judgment, slowly, or you may make mistakes. We can trust our own judgment, but also learn to question ourselves when necessary (the two are not in conflict). If you finish watching and still don't know how to do it, you can choose to do nothing for the time being (slowly).

If you don't understand, it doesn't matter. I directly summarize that the current special node can not be broken by any single person or any God (I don't dislike personal heroism, but at this time a hero can't solve the problem). Only when the high-dimensional part learns to gather negative-dimensional energy can it expand the dimensional structure and re-form a new whole (saying this may be offensive, similar to the fact that everyone is willing to change themselves like God to

continue the energy balance). It is the task of philosophers to not think about the significance of expanding the dimension structure for the time being.

For the moment, we do not consider the breakthrough of the integer dimension. The big probability is the emergence of a personal hero. This is not to say that after breaking through special nodes, it will take a long time to encounter integer nodes. The two are actually accompanying relationships, but most of them are small nodes (small nodes can also be understood as these two nodes), and the largest two nodes are large overall nodes. So it's easier to analyze. Those who do not understand mathematics can skip this section.

I still hope not to predict the future through Figure 22. In addition to the integer nodes and special nodes are more obvious, you can not find the current location (the process is extremely complex). Short-term prediction is still possible, and long-term prediction is likely to produce errors. This can easily lead to many misunderstandings, and mathematics is far more complex than you think. So the future is still unknown.

Don't simply think that the lack of low-dimensional collision residual energy is the lack of food. This is a bit inaccurate. Food is a positive energy substance, or the result of low-dimensional collision of residual energy into matter. Just as the earth has more collision residual energy, why is there no gravity anomaly? Because these energies are converted into a part of the organism.

These reasons are due to the development of the times. I do not want more gender contradictions. This belongs to the source of the problem: the paper itself is not complete, the large overall approximation node, does not mean that all small overall reach the node, only part. And through the previous derivation, it can also be known that it is impossible for all small wholes to reach small nodes. If you do not understand, there are explanations behind. This is a problem source problem, more like a pure physical problem. At present, it is mainly to solve the problem) It is not belittling anyone, and the cause of the problem is not the individual but the whole human society. It may even be the development of the times, and the purpose is to solve the problem. This is not to tell you that you should not give up, everyone has the right to choose more appropriate energy (energy balance), but also to understand that energy balance is a process of change, and there will be contradictions when it is appropriate (the process of dimension increase will be accompanied by dimension reduction). These non-physical ideas should not have appeared (not helpful to the article), and will bring a lot of misunderstandings, and even intensify contradictions. But the current node is difficult to solve. I describe the aggregation of low-dimensional collision residual energy as dimensionality reduction, because it is easier to understand. Its essence is to shrink inward (without affecting the material dimension), thus promoting the rise of dimension. So not to let you go back to the past, but to find a new beginning. For example, in our normal thinking: a person is more rational, which will lead to his loss of sensibility. However, if a multi-dimensional structure can be achieved, then the person can become emotional without affecting rationality (or even enhancing rationality). This may sound like a paradox, but it's like our understanding of 'self-consciousness'. This does not mean that the positive and negative energies are completely equal at this time, but produce positive and negative energy differences in other dimensions (unable to understand the meaning, you can look back at the positive energy corresponding to Figure 19 and Figure 19). The dimension difference and the positive and negative energy difference are almost the same. As long as the two overall dimensions of the dimension difference are overlapped, the dimension balance can be achieved (here do not do the figure or through Figure 19 to understand). I temporarily interpret 'autonomous consciousness' as an infinite or incalculable product. In fact, it has a deeper meaning and is not discussed for the time being.

There is a hot word on the Internet: independent women in the new era. In fact, women themselves are not facile for independence (I say that not easy does not mean that men are easier. In fact, men are born with more low-dimensional collision residual energy, but can not gather low-dimensional collision residual energy. Girls have less residual energy in low-dimensional collisions, but have the ability to gather residual energy in low-dimensional collisions. However, this ability is generally easy to obtain when there is more high-dimensional collision residual energy in the whole.

At this time, there is not much high-dimensional collision residual energy in the whole, so I say it is not easy. Men have the ability to gather high-dimensional collision residual energy, but the high-dimensional collision residual energy is obtained through low-dimensional collision residual energy. That is to say, when both kinds of energy are lacking, we can only gather the residual energy of low-dimensional collision or rely on small zero-dimensional point dimension reduction to break through special nodes. This is not difficult to understand, or that the article does not have any sex discrimination. (Men are not unable to directly gather high-dimensional collision residual energy, but need to have a large positive and negative energy difference within the whole. Because this is not the case, we do not consider this situation. I repeat that this article has an extremely complex mathematical process, which is not understandable to ordinary people. It only needs to know that we are at a special node and a solution. The remaining knowledge should not be obtained from this article.) Not considering the small zero-dimensional point : Since the high-dimensional collision residual energy is too little, it is not easy to gather the low-dimensional collision residual energy alone. Here I can not explain more, only need to know that under this special node, the high-dimensional whole is difficult to gather low-dimensional collision residual energy. This difficulty is almost impossible for ordinary substances. However, there is a possibility for special zero-dimensional points, because special zero-dimensional points have negative dimensions, which is a kind of ability to violate common sense, which is also the reason why they can become special zero-dimensional points.), but at present, women do have to be independent. My purpose is to say, what is a completely independent person ? Many people feel that freedom is independence. In fact, it is true. But many people only use freedom against the outside, but do not intend to change their own internal. But I want to say that independence is not just freedom, not just strong. It is a kind of independent consciousness that can fight against both the outside and the inside (the balance of the external dimension is important, but the balance of the internal dimension is also important). Of course, this isn't about confronting both sides of you ('confronting' isn't appropriate and can be interpreted as dealing with it), it's about having the ability to balance the internal dimensions in order to take the first step towards independence. What is the real new era of independent women or to have more professional people to answer, if you want to believe in yourself, you can also make your own judgment. Note : Independence does not mean to disperse from the big whole (independence has its own role), but to form a new big whole or expand the dimension structure of the whole, thus becoming the basic unit in the big whole (each electron is independent, but under normal circumstances it is maintaining the stability of the atom. Without an electron, the nucleus will be unstable.). It may not be accurate to use electrons as an example, because basic particles such as electrons are the most basic three-dimensional basic units, so they are not basic particles of multi-dimensional mechanisms. can only be regarded as the basic particle in the single-dimensional structure, while the basic units in the multi-dimensional structure are different. Each basic unit can be considered as a small whole in the big whole. They are completely independent, but they work together to maintain the development of the big whole. So independence is not terrible, the terrible thing is that there is no new whole to gather these 'independence'. The author's ability is limited, and it is not clear how to do it. Can only provide some inspiration. Here, we focus on the low-dimensional collision residual energy gathered by small zero-dimensional points, but we do not ignore the importance of high-dimensional collision residual energy. If only women gather low-dimensional collision residual energy, while men still cannot obtain new high-dimensional collision residual energy, still cannot expand the dimension structure, and even accelerate the speed of complete dispersion. That is to say, if we can't reconstruct the new dimensional structure (special gravity), we still can't accommodate new energy (special dark energy).

There are many kinds of residual energy in the two collisions, and they are also internally balanced. I just simplify them into two kinds of energy, which does not mean that the residual energy of low-dimensional collision is the same, and they also have a big gap. Again, everyone makes their own choice, not become the same.

When entering the node, it is necessary for the overall B to first reduce the dimension (gather the low-dimensional collision surplus, balance its own internal dimension, and obtain a new dimension structure), and then drive the overall dimension to increase. After breaking through the node, it is necessary for the whole A to re-aggregate the residual energy of the high-dimensional collision to help the overall internal dimension balance and stabilize the internal structure (this process is not so simple, but also includes many complex details, because there is energy exchange, etc, which is not considered here for the time being). The two ascending dimensions are not quite the same, and can be understood as ascending dimensions for the time being. If there is no node dimension balance that cannot be achieved, cross-dimensional balance is even less likely to be achieved (nodes can be understood as a process of achieving dimension balance). In other words, the node is a 'necessity'.

Another thing to be reminded is that this special node is different from the general situation. For example, there were two kinds of collision residual energy to maintain the stability and development of the material level. Due to the intervention of small zero-dimensional points, it is now the material level to maintain the stability and development of the two collision residual energies. Skip here for the time being. Another point is that the breakthrough of special nodes will not usher in a big explosion, but on the contrary, it will usher in a big aggregation. The reason for the aggregation is that the negative dimension reduction leads to the overall aggregation of low-dimensional collision residual energy, while the low-dimensional collision residual energy will produce high-dimensional collision residual energy. This is the opposite of the integer node breakthrough. The integer node breakthrough is due to the accumulation of high-dimensional collision residual energy. Too much high-dimensional collision residual energy will suddenly accumulate low-dimensional collision residual energy. This process is very complicated, I don't want to elaborate here, just remember the conclusion.

At present, if the special node chooses internal balance, I do not think that the world can bear it. Why do I understand this node as a special node? The key is that if this node continues to balance internally, any small whole may not stay. The ordinary nodes can choose the first method completely (Here I do not understand the special nodes as integer nodes, because the author himself does not think that this situation is real. That is to say, a complete big whole will not exist in this situation. In other words, when the universe is at this node, it is not a complete universe, but a process of balancing with other dimensions of the universe. If not understood, it can be directly considered as the process of the external dimension balance of the universe. Or because of the negative dimension, the universe can directly skip this node. If there is no negative dimension, there is no real infinite dimension. Once all the universe has a specific range, this node will not be established mathematically.). While reducing the small whole, it is easy to allow the whole A to obtain the high-dimensional collision residual energy first, and the whole B to obtain the low-dimensional collision residual energy (The big whole breaks through the special node, which is equivalent to each small whole breaking through the small node. Here, the small whole refers to the internal balance of everyone, not between two people.). But this time there are some differences, I do not think the world can withstand this strong internal balance. Don't think that there will be a small whole left after this internal balance, and the small whole left may be more painful. So it seems that there is only the second choice: gather small zero-dimensional points, which is an unavoidable high-dimensional overall concession. You can understand it as a concession, or you can understand it as a high-dimensional whole B self-rescue (if you not like the word, it can be replaced by giving, because it is not only yourself that is saved). If you do not concede, it is likely to lose the dimension advantage (can not be maintained in the high dimension part, here do not want to do too much explanation.). However, this will accelerate the speed of dimension balance, but it is better than losing the dimension advantage directly. However, this method has one drawback: there is a time limitation. (Or be understood as not to fully reach this special node will lead to this phenomenon.) Because an ordinary whole is called an ordinary whole because there is an independent boundary, but before the ordinary whole can not maintain the boundary, the larger whole will help the ordinary whole to be completely dispersed, so that the

smaller whole can obtain a new boundary (a strong internal balance). But this ordinary whole will not exist. This process will consume the boundary ability of the big whole, until the big whole can not maintain its own boundary, there will be a greater overall intervention. The multi-dimensional structure can avoid this situation, because the multi-dimensional structure has small zero-dimensional points and negative dimensions, which can reconstruct new boundaries, or expand the dimension structure. It is said that the simple point small zero-dimensional point can promote the low-dimensional collision residual energy, while the low-dimensional collision residual energy can promote the high-dimensional collision residual energy.). It can only occur before a fixed time (generation > disappearance). Once the high-dimensional collision residual energy cannot maintain this whole, a strong internal balance will also be performed. Unless 'God is appear', there is no way out. The above is the solution of this special node. The ordinary node can be understood as the opposite, temporarily do not discuss the ordinary node can look at Figure 22 to understand the difference between special nodes and ordinary nodes.

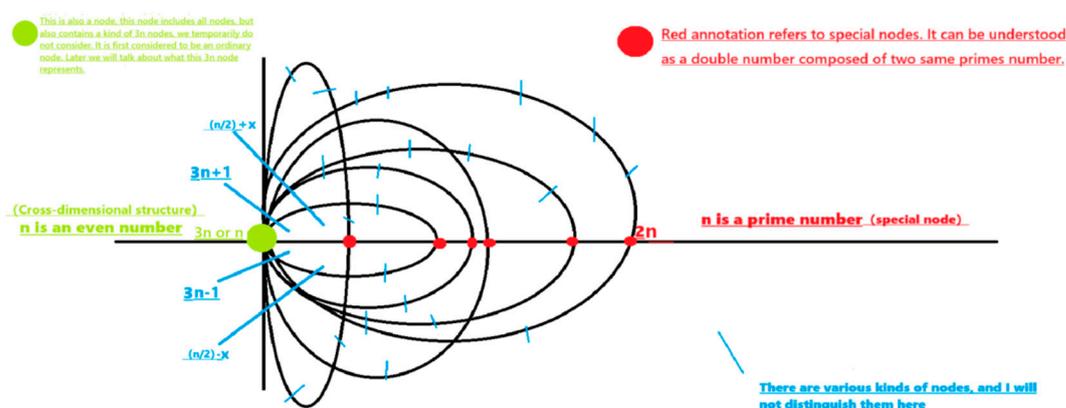


Figure 22.

The number in this picture refers not to the number of dimensions nor the direction of vibration, but to the proportion of energy (single-dimensional structure cannot be understood as dimension). Remember that the previous article said a complete whole can be divided into three parts. That is to say, the whole A is divided into positive energy ( $a_1$ ) and negative energy ( $a_2$ ), and the whole B is a separate part ( $b$ ), where  $b$  can be understood as a combination of  $a_1$  and  $a_2$  (This distinction is not rigorous. The whole that can be divided into three parts must first be complete and must also be a multi-dimensional structure. The AB in Figure 21 is more like a single-dimensional structure, but we can understand it this way without giving new examples. First of all, you should distinguish when to divide into two parts and when to divide into three parts. The single-dimensional whole is directly divided into two parts, and the multi-dimensional whole is directly divided into three parts. Why is it no longer explained here : because the high-dimensional part of the multi-dimensional structure 3 can also be considered as the high-dimensional part of all small whole 2 in the big whole, although this is not rigorous). At this time, red is a special node, which can be expressed as ( $a_1 + a_2 = b$ ), or directly written as ( $1 + 1 = 2$ ). This represents the whole at this time (low-dimensional collision residual energy = high-dimensional collision residual energy =  $1/2$  matter), which can be understood as a special node. Why does the  $3n$  node use 3 ? Because the green node represents, or written as ( $1 + 1 + 1 = 3$ ). This represents (low-dimensional collision residual energy = high-dimensional collision residual energy = matter). It can be understood as an integer dimension, but this is very inaccurate. Assuming that there is a 2.5-dimensional cross-dimensional structure, this time 0.5 may also be the case, but it does not belong to the integer dimension, or it is an integer dimension in its own field. The author cannot explain this phenomenon well, which itself belongs to the more complex cross-dimensional balance. These phenomena all come from complex mathematics, and ordinary people do not need to understand. It is only necessary to know the moment of existence ( $a_1 = a_2 = b$ ), and in this case, the single-dimensional material cannot break through.  $3n$  can also be understood as follows :

(Here, we do not discuss  $3n + 1$ , important is the meaning of the number 1, and it is more related to integers. Because the number 1 represents the new direction of vibration in the integer. At present, it is not easy to describe, it can be understood that when this situation occurs, the material cannot be raised again or the node cannot be broken through). From 0 dimension to infinite dimension, from 1 dimension to 2 dimension, from 0.1 dimension to 0.2 dimension, these processes are similar. The superposition of these processes seems to be a chaotic state, but in fact it is beautifully superimposed together (mutual influence, but logical closed loop). In fact, the source of 3 is not a specific number but the total number (dimension structure). For example, the initial number is (345), after the dimension changes, it will first become (345-678). Note that this does not mean that the cross-dimensional structure is successful. This is only a special form of independent existence (equal positive and negative energy, or understood as pure matter with almost no collision residual energy). This structure can be understood as a special node, on the right side of the above diagram. The number after the success of the dimension is (345678-91011121314-151617181920). These are not easy to understand, but you can refer to the three-body motion (This set of numbers is not accurate, just to describe the approximate process of dimension change. The specific numbers need to be calculated by professionals. Ordinary people do not need these complicated numbers, only need to know that positive and negative energy can appear in the same person at the same time. This is not a joke, such as the first person can be confident and humble, or the second person is humble and confident.). Because the number is too much to go down, in fact, this example is not very good (some idealized, the essence is much more complex), the purpose is only to express the beginning of the inclusion (low-dimensional collision residual energy + material + high-dimensional collision residual energy), the process will encounter a large resistance (low-dimensional collision residual energy = high-dimensional collision residual energy), equivalent to a complete offset. After the success of the upgrade, it will become (low-dimensional collision residual energy + material + high-dimensional collision residual energy). There may be a problem here : the collision residual energy mentioned earlier in the article is not material or there are dimensional differences. The above is to consider the cross-dimensional balance between integer dimensions, because it is easier to analyze. The non-integer dimension in the cross-dimensional structure can also be analyzed in this way. The collision residual energy in the non-integer dimension can be matter ( $3.1 + 3.5 = 3.3 \times 2$ ), but it should be analyzed by the properties of the collision residual energy. I believe this is not difficult to understand. At this time, the dimension structure is expanded. In fact, the author himself does not know why two kinds of collision residual energy are included at the beginning, but it is certain that if two kinds of collision residual energy are not included, other dimensions (even non-integer dimensions) cannot be generated, because there is no friction (boundary). There are some numbers in this figure that are not among them. These numbers are accommodated in these circles. This is not to say that these numbers are not important, but that the dimensional balance of these numbers is more complicated. Or accommodate in the process of dimension balance (that is, other nodes also come from green and red nodes, but more complex). Another double number can express the reason why more than one pair of nodes requires more detailed special node analysis, which is not analyzed for the time being. (This picture doesn't capture all the details of nodes and dimensional changes, because the author isn't a professional researcher in mathematics, so he may have overlooked many important details, but I think it's enough as inspiration.) These wonderful prime numbers are indeed significant, but the current focus is to break through the red special node first, because this node is difficult to break through).

Some people may see here that the balance of dimensions depends on these nodes, or on prime numbers, rather than simple connections or continuity. For example, it is wrong to say that (0-9) -dimensional space creates or determines (4-5) -dimensional space. In fact, it is not bad, but the process of dimension balance is not simple. Due to the multi-dimensional structure, all numbers can be completely connected, or smooth. At this time, there is an absolute relationship between each adjacent number, rather than relying solely on primes. For example (678), the three dimensions completely form a dimensional balance : some people may feel that they are not the relationship between double

and prime numbers, and will not form a perfect dimensional balance. But don't forget the non-integer dimension, such as  $6.2 + 8.4 = 7.3 \times 2$ . This result is certainly not right, but I want to say that the non-integer dimension is equivalent to other dimensions interspersed into these three dimensions, which can form a perfect dimensional balance. Therefore, it is good to analyze the multi-dimensional large whole, but the small whole inside the large whole is very complex. This is not difficult to understand, a bit like a lot of nonlinear equations together, into a perfect linear equation. But this process is difficult, but very stable. (It's a bit like a very complicated relativistic effect, because what the other dimensions represent in this (678) dimension can be understood through a more refined theory of relativity) So the string theory that we've been analyzing requires exactly 0 to 9 empty dimensions, but it's a very complicated process.

The ordinary nodes and special nodes in a large whole are very limited (essentially infinite, but more sparse), but there are many small wholes inside the large whole, and these small wholes have their own nodes. Therefore, there are extremely complex and many kinds of nodes in the whole. However, there are relatively few nodes and special nodes in the largest whole (there are more than one special node, because the large whole can also expand the dimension structure, only a long time will appear special nodes. With the increase of dimension structure, the number of nodes in multi-dimensional structure will become more difficult to calculate.

I said before that the integer dimension can not break through, in fact, no problem. But now I want to say that the cross-dimensional structure can break through the integer dimension. Because the cross-dimensional structure has a negative dimension (multi-dimensional coexistence) : the red special node is also an integer node, but not an integer node of matter, but an integer node of a small zero-dimensional point. In fact, the negative dimension and the positive dimension help each other. I said before that the breakthrough of the red special node requires the help of the small zero-dimensional point (gathering the residual energy of the low-dimensional collision), which is actually to be more easily understood by the public. In fact, the essence of the red node is that the material helps the small zero-dimensional point break through the integer dimension (gathering the high-dimensional collision residual energy of the small zero-dimensional point). The integer dimension of a small zero-dimensional point is just a special node of matter. The special node is only two collision residual energy equal, as long as the dimension of the collision residual energy can be changed to help the small zero-dimensional point break through the integer dimension (expand the dimension structure). The integer dimension breakthrough of small zero-dimensional points will be accompanied by the breakthrough of special nodes of matter. This is also a more complex mathematical problem. Another point : I have described the lack of low-dimensional collision residual energy in this era, which is indeed easier to understand. However, in the physical world, the weakening of energy is actually the increase of dimension. That is to say, it is not that the residual energy of low-dimensional collision is less, but the dimension of residual energy of low-dimensional collision is higher, even close to the next integer dimension. Ordinary people can be directly considered to lack low-dimensional collision residual energy. In other words, not all people lack low-dimensional collision residual energy, and each person lacks different types of collision residual energy. You still have to make your own judgment. Because everyone and everyone's environment are different. I can only give inspiration, not even advice (the complete process, the author is not clear).

Finally, in order to prevent people's contradictions from being aroused again, the special nodes of the large whole are discussed again. Due to the multi-dimensional structure, the small whole may not be all at this node, which will lead to the large whole not yet fully entering the special node, and the large whole may not completely enter the special node. Because the universe itself is not a single-dimensional structure or does not reach the integer dimension, completely special nodes can not appear, that is to say, before the special node will make a choice, but the internal part of the small whole can appear special nodes (or the previous conclusion, the largest universe has no boundary, can be infinite, or there is no largest universe. Or there is no limit.). This is not to say that integer numbers do not exist, such as integer 5 does not exist? In fact, 5 can be used as a decimal part in other

larger wholes, but it is an integer part in its own whole. For example, 5 may be 3.2 or 4.03 in a larger whole but can be understood as 5 in a finite whole. This part is not easy to understand and requires professional researchers to understand (This explanation is relatively easy for ordinary people to understand, but professionals cannot think like this.) It is not that the cross-dimensional structure can skip these two nodes, but because the small zero-dimensional point helps the material to skip these two nodes to form a cross-dimensional structure, and never reaches the integer dimension and pure material. If these two nodes are reached, the material will be completely transformed from one dimension to another. Complete transformation refers to the process of transformation from one dimension to another. Small zero-dimensional points will directly skip here, thus forming an inclusive relationship, that is, multi-dimensional coexistence (Do not question the reason for skipping special nodes, directly understood as skipping. Just like the zero-dimensional point touching the wall rebound, do not continue to think about the composition of the wall.). We can skip it temporarily. What I want to say is that although most of the small wholes are at this node, there are still some small wholes that are not at this node. How to deal with them needs to make their own different judgments. There is also a point of how to distinguish between the various wholes is  $(1 + 1 = 2)$ , or  $(1 + 1 + 1 = 3)$ . This is important for professionals, because the single-dimensional structure and the cross-dimensional structure must distinguish how to judge (relative perspective judgment, not material judgment). Ordinary people do not need to understand. Because ordinary people belong to the small whole in the big whole, it is enough to consider only binary (as long as the most basic unit is not binary, but it can be understood according to binary, because the small whole can be understood as binary relative to the big whole). Observing the small whole from the large whole, no matter how complex the dimension structure of the small whole is, it can be understood as dualism (the premise is that the dimension balance has been formed). The whole is not high in dimension, but multi-dimensional structure. The general material can only change from 3 to 2, and can not break through the red special node. That is, it can no longer change from 2 to 3 (three-body motion). But if there is a larger whole that can accommodate this whole (multi-dimensional structure), it can help 2 become 3. About the nature and aggregation of small zero-dimensional points (negative dimension) : It may be difficult to find answers in known science (some can be found), but it can be screened and judged in some older knowledge. Because there may be very few ancient wisdom that exceeds modern wisdom, because the cross-dimension is more obvious (the larger the gap between the upper and lower nodes means the larger the cross-dimension), or a very few ancient people are more ' spiritual '. However, it is worth noting that these people lack some foundation (lack of material is equivalent to lack of stability), so they are prone to exaggeration and self-imagination (the larger X in Figure 22 will lead to the instability of dimension balance, or be understood as short), so they need to be screened.

I am very worried that because of this paper, some people themselves are not wrong or not at the node, but mistakenly believe that they are wrong. The special node is only an ideal state, and the whole will skip the special node. Therefore, a multi-dimensional structure can be formed, rather than a single dimensional movement. It is not that the residual energy of the two collisions is zero, but the gap is zero. That is to say, only a part of the small whole is at the node, not all, and there is hope to gather the residual energy of the collision (as long as the residual energy of the collision does not disappear, there is hope). Or some small whole is very healthy, still in the internal dimension balance. And these whole can continue to gather two kinds of collision residual energy. The residual energy of collision can not only be gathered, but also be dispersed. If you feel that you are not at this point, maybe you can do something (unforced). Again, I stress that you should have your own judgment, not just listen to me. This article can only inspire you, not really find the answer to the problem.

Finally, the author has a guess that there may be some ' intersection points ' in the cross-dimensional structure. These intersection points can also connect two different dimensions at a certain time (the cross-dimensional balance mentioned above has time lag). This intersection point can be in two dimensions at the same time (it can also be understood as an integer dimension). For example, there may be intersection points in the 34 structure. And there 's one last point : I want to

emphasize the importance of the relativistic perspective. Because of where we are, small zero-dimensional points are understood as negative dimensions. If we are not in this position, the small zero-dimensional point may be a positive dimension. Just like today 's positive energy, tomorrow 's same energy becomes negative energy (similar to the universe we understand, it is only a weak link in the infinite universe. This belongs to the philosophy of thought, physics for the time being does not need such a complex theory of relativity). Finally, there is a philosophical conjecture that no matter what the current integer dimension is, it can be considered as or transformed into a three-dimensional to four-dimensional world.

Recently he heard an article on the Internet, is about the three-dimensional Gugu conjecture (in fact, early to see, but at that time did not delve into). It was completed by Hong Wang and Joshua Zahl. To tell the truth, I don 't know the proving process, because I don 't understand it at all. But my intuition tells me that the article is correct (review the process should not be less). I will briefly describe this process below.

Random one-dimensional matter + maximum two-dimensional matter (or minimum three-dimensional matter) = minimum two-dimensional matter (possible). Now discuss whether the area of the smallest two-dimensional material is 0. From the perspective of relativity, the area of the smallest two-dimensional material in the two-dimensional world is not 0, but in the three-dimensional world is 0. There is a certain area of the closed-loop path that the ants go through, but the limit point on the ants has an area for the ants and no area for us. Just kidding, ants are not the smallest three-dimensional matter. Random one-dimensional matter + maximum three-dimensional matter (or minimum four-dimensional matter) = minimum three-dimensional matter (possible). Similarly, the smallest three-dimensional matter has a certain volume in our perspective. Can infinitesimal must not be 0. (The introduction of a negative dimension is promising, but will lead to infinite results, and is very short) Similar to the volume of photons is infinite, but for strings the photon volume is very small. This is a relativistic perspective, but strings are part of us. It 's hard to understand, isn 't it. If we drop the concept of ' matter ' (only then, it 's easy to use in a single dimension) and replace it with cross-dimensional balance. The internal volume of an atom may be larger than the volume of a room. Or the number  $48 + -44 = 4,48$ -dimensional matter can be turned into 4-dimensional matter. Because the universe does not have a unique beginning, there is no unique reference system (local reference system exists, of course, the only reference system is also expected to be established, but very complex). These principles tell us that the cross-dimensional balance should put the word ' material ' down, but should lift the ' cross-dimensional balance ' up. To be honest, the author himself did not really understand the meaning of the negative dimension (mathematics is not good), only know that the introduction of negative dimension can achieve cross-dimensional balance. I did not defend the paper (fair), but felt that the conjecture and problem-solving ideas have great significance.

There are many philosophers who believe that everything is for themselves. Even if you give up your own interests and help others, it is also to satisfy your own heart. But what is the heart, or is this definition really good. If you think it 's okay (absolutely fine), but I don 't want to think it (Suppose you want to gain weight, you can 't always be desperate to gain weight, so that in the end not only not fat, but thin. In other words, the process of ascending dimension is accompanied by positive and negative energy, not only one. The fact of an event is a matter of pure positive energy, but the process of completing the fact is inseparable from negative energy (which ultimately manifests as positive energy), and of course different people play different roles. (The intervention of small zero-dimensional points leads to the simultaneous possession of positive and negative energy, which does not seem too difficult, but what about the application ? For example, a football player can play both forward and midfield or defender. This seems unnecessary, yes indeed unnecessary. But the aim is to allow you to score goals while maintaining your defensive and organisational abilities. As long as you are strong enough, this will not affect your dribbling and long-range shooting ability. Or it allows you to deal with a variety of exotic defenses, such as pinch-hit or keeper-hit. If you want all directions of vibration to develop, at least not now. You can choose between organizational ability and defensive

ability, not just listen to what I say. As mentioned later, Wittgenstein will not transform from a philosopher to a musician. So you have to have your own judgment.) Just as I thought that the white hole does not exist at the beginning, I will say so, otherwise ? Later, I learned about the low-dimensional collision residual energy, and I realized the error. I say that white holes may also exist, but if the future proves that it is impossible to explore cross-dimensionally, I will still express that there is no need to consider white holes. If there is a turn in the future, I will change. The current decision, you can do, the future criticism should also have, and then the future who knows. Of course, I have to have a skeptical attitude after making a decision, others must also have anger questioning, etc. Otherwise it can't go down. Doubt or anger and so many more, this is the details, but also very important (or even the most important). No longer too much expression, there have been many misunderstandings, continue.). The heart itself is a kind of dedication or responsibility. It seems to belong only to yourself, but the behavior it makes affects the big whole (helping the big whole or the small whole to expand the dimension structure). It is like these words should not have appeared in this paper, if only for my own inner satisfaction, I will not add. Because mathematics is relatively unfamiliar (accepted by a few rationalists. Only need to know cross-dimensional balance, the rest is not to be, or temporarily not, handed over to the future. But philosophy needs to express these details, and it's hard), and philosophy is basically understood by everyone, so as long as any word is not said well, it will bring some misunderstandings. My mind tells me that it is completely possible not to say, so that I do not have to make mistakes, but the heart tells me that you must say. Why do I not like Wittgenstein said, you must change (strongly expressed). I'm not a character or a teacher or anything else. We are equal relationship (even I am smaller), if I express strongly, it does not necessarily bring good results. If I just for my children or ability is far less than my biological, strong thinking may bring better results, but I think we are equal, at least now is (this does not mean that the weak can not be tough, in many cases, there are many choices). I encourage myself to judge, but the premise is that you have the sense of autonomy, or you have the ability to gather low-dimensional collision residual energy, otherwise it is likely to continue to improve the dimension without expanding the dimension structure (do not improve the dimension can not expand the dimension structure). I respect the previous philosophers or scientists, because the previous depth of thought is their foreshadowing. I hope you change not because of this article, but because of your own decision. It's not about not believing in yourself, it's about being confident (or powerful). Just like Wittgenstein, dare to kill the "number one in the world" itself (since there are no limits). This doesn't mean you should keep killing; it's necessary only when needed. Otherwise, you'll destroy yourself (if you only think about expanding dimensional structures without elevating dimensions, you'll keep shrinking them). Just like me now, I wholeheartedly embrace the theories in this paper and even consider myself invincible. But if tomorrow or the day after brings new ideas or discoveries, I'm open to trying them out (if not, there's no need to keep forcing yourself to change). Because I believe that my present me is the best and my future me is the best (I'm reasoning, not to make you arrogant. I'm not sick. Say such a silly thing here. It is to let you have the courage to change yourself now, not to say how powerful the author is.). While the process might involve some discomfort, the outcome is likely to be rewarding (I believe in myself). Change yourself is not unconfident, is more confident (not arrogant). My ability to express is very limited, Because I don't speak much (this ability is insufficient), it is my problem, and my English is not good. But I hope you can understand, if you do not understand can also be their own screening and thinking. Ordinary people need to take their time (they're already lacking confidence, so don't rush it), but some professions can be faster. Note : not to make you perfect, that is not normal (not yet necessary). Or not to let you change, but you pay attention to the aspects. Wittgenstein has not always required his muscles to be bigger and bigger, or his singing ability to be stronger and stronger. Directly listen to me may not understand, you have to experience, to choose. I was a very arrogant person, you can hardly imagine, on this paragraph of pure spoken language, how many times I changed. If only dedicated, I change how many times I will not say it. Because this will affect the rigor of the article (increase nonsense), so my purpose is to let everyone understand what I mean. But I still feel that this paragraph is written like shit. This is not

my level at all. This is self-confidence and self-reflection. I'm kidding you, I'm expressing to you that two opposite forms of energy can appear in a whole at the same time, it's possible, but it's not for you to learn, it's for you to experience, and then make your own judgment (to create a new direction of vibration, not to continue mine. I say you don't continue, you probably won't completely forget. So do not need to deliberately continue, continue your life). Remember not to be eager for quick success (not forced), there are many things I can not express, but it is also very important, when you grow up completely, forget everything I said (Boldly forget. When you're strong enough, this paper is not as good as shit for you.). It's like when you're climbing a mountain, the first ladder helps you get through the first hurdle. And the second difficulty, I believe you can build a better ladder yourself. And throw away the first ladder, you can get to the second level (the first ladder is too heavy). Kidding, you don't have to throw a ladder (in case you're strong enough, and there's no material for the second level or you don't learn to make a ladder). Or the first ladder can deform itself into a schoolbag, so that you do not need to hold it). Or the first ladder with handy, you are willing to change yourself for the ladder. Or you only climb the first step, then two people climb the mountain, maybe you can give birth to a baby, let the baby grow up and climb again (You're old and you can't crawl, but you have a child. Train your child to continue to climb, Note: not just force him, in case he wants to make a cable car. But also told him to continue to climb a climb, because people around are climbing, who climb fast, who will have meat to eat (But I don't want you to keep forcing kids, kids may have their own ideas or their own bitterness, because with the development of the times, the young people will be more and more powerful, sometimes we may not be better than them. Of course, no foundation can be built high building). But climb too fast, may consume too fast energy, there may be halfway starved to death. Who can guarantee you good luck and find a fruit midway to replenish your energy. But a gamble might be good). Or perhaps you're still in your prime, able to climb with your child and wife on your back. But you must be cautious - what if you collapse? What about the children? Maybe you're lucky enough to have kids who can shoulder the burden, holding the family together even at a young age. This journey is so thrilling that the rewards become secondary - what truly matters is the journey itself (The scary thing is that this wonderful way disappeared, may be due to someone's greed, it may be the level is more and more difficult, it may be that people are lazy, and may even go to the end. I want to say that this road can be repaired, we will repair. Does it sound like it's time to build a road. On the contrary, it is time to eat food, eat enough to have the strength to work.). Or maybe you don't want to keep climbing and find a place to see the scenery. Or that the collision is very important, but not now, now need a quiet look at the scenery or give birth to a baby (Fatigue may cause you to forget the meaning of continuing to climb.). It's possible to believe in yourself.

I still believe this node can't hold us back, just as I believe that humans are a miracle.

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