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11 Dimensions Explained - Higher Dimensions Explained - All Dimensions Explained [#dimensions](#)

Vysvětlení vyšších rozměrů - Vysvětlení všech rozměrů

2 202 901 zhlédnutí

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My opinion and comment is here in red →

0:00

(01) Hello friends I am Lalit vashishtha. If you want deep understanding and visualization of all the dimensions starting from 0th dimension to the 11th dimension, then you have come to the right place. As you will continue watching this video you will understand what are dimensions, how many dimensions are there according to different theories, how we can visualise higher dimensions and what is the geometrical structure of higher dimensions. In this Video I will also explain why we are not able to perceive higher dimensions although we might be living in higher dimensions unknowingly and what supernatural powers a being of higher dimensions would possess. So please watch the video till the end as most of your questions related to dimensions will be answered in this video. First of all let's understand what we mean by dimensions? Dimension of a point is defined as the minimum number of coordinates that are needed to specify that point in it. For example, to specify a sheet of paper we need two coordinates only; length and breadth. Therefore it is a two dimensional object. But to specify a cube in space 3 coordinates are needed these are- length breadth and height. Therefore we call it a three dimensional object. Now we will discuss, how many dimensions are there in the universe? According to classical physics there are 3 dimensions of space; length, breadth and height and one dimension is of time. String theory requires 10 dimensions but as per M theory total no. of dimensions are 11. In Bosonic string theory spacetime is 26 dimensional. But now the Question arises, if there are so many dimensions in existence then why we are not able to perceive them. Why we cannot feel the presence of higher dimensions? Actually We might be living in higher dimensions without being aware of it. But because of the limitations of our brain and senses we may not be able to perceive them. According to some researches extra dimensions may be "curled up" at extremely small scales. This scale is so small that we can not see them with our experiments based on current technologies. As we live in a three dimensional world, it's very hard for our 3 dimensional brain to visualise higher dimensions. There is a process known as compactification, where higher dimensions are curled in on themselves. On changing our reference frame and going into microscopic level we will find higher dimensions. Let me explain it with the help of a simple example- Suppose we are looking at a rope from some distance which is tied between two rocks. From this distance we will see only one dimension of the rope i.e. length. Now Imagine that an ant is crawling onto the rope. So from the frame of reference of ant, the rope is at least 2 dimensional as it can see it's breadth and thickness also along with its length. The ant can also feel the grooves and roughness of the rope. If we go to microscopic level and see from the reference frame of atoms then we will see a whole new world of 3 dimensional

atoms having solid nucleus and electrons revolving around it in 3 dimensional space. On going further into the microscopic level of strings inside the atom, we will see that strings are vibrating in 11 dimensions. Everything in this universe is made up of tiny vibrating loops known as strings according to string theory. So now you can understand how we can find higher dimensions at the microscopic level. Friends now I will discuss every dimension, starting from the zero dimension To the eleventh dimension. zeroth dimension- There is no length, no breadth and no height of an object in the zeroth dimension. Example of zeroth dimension is a point. Lets imagine someone is living in the zeroth dimension then he would neither have any body nor any shape. He can not move in any direction like forward, reverse, up or down. zeroth dimension is the basis of all the higher dimensions. First dimension An object in first dimension has only one dimension i.e. length. A straight line is an example of first dimensional object. We can get straight line by joining two points. A one Dimensional being can move only in a straight line. It cannot move in other dimensions like left, right and upward or downwards directions. Second Dimension (2D) Second dimensional objects also known as two dimensional or 2D objects are flat shapes.

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(01)- Hello friends, I am Lalit vashishtha. If you want a deep understanding and visualization of all dimensions starting from the 0th dimension to the 11th dimension, then you are in the right place. As you continue watching this video, you will understand what dimensions are, how many dimensions there are according to different theories, how we can visualize higher dimensions, and what the geometric structure of higher dimensions is. In this video I will also explain why we are unable to perceive higher dimensions, although we can live in higher dimensions unconsciously, and what supernatural powers a higher dimensional being would have. So please watch the video till the end as most of your dimension questions will be answered in this video. First, let's clarify what we mean by dimensions? The dimension of a point is defined as the minimum number of coordinates that are needed to determine a given point within it. For example, to specify a sheet of paper, we only need two coordinates; length and width. It is therefore a two-dimensional object. But to determine a cube in space, 3 coordinates are needed which are length, width and height. That's why we call it a three-dimensional object. Now we will discuss how many dimensions are there in the universe? **According to classical physics** there are 3 dimensions of space; length, width and height and one dimension is time. String theory **requires** 10 dimensions, but **according to M theory** the total number is not, the dimensions are 11. In bosonic string theory **spacetime is 26 dimensional**. But now the question arises, **if** there are so many dimensions, why are we unable to perceive them.

Because there are really only 3 physical dimensions, but...but they are compactified, i.e. they are "packaged-packaged" into matter and "there" are already "mathematical" dimensions. Why can't we feel the presence of higher dimensions? **Actually ??? where do you get the assurance for your claim ???** we can live in higher dimensions without being aware of it. But due to the limitations of our brain and senses, we may not be able to perceive them. According to some research, extra dimensions can be **"twisted"** on extremely small scales. **Yes, but into matter, matter is made by packing = packing dimensions into packages which we then identify as elementary particles of matter!!** This scale is so small that we **cannot see them in our experiments based on current technologies.** **We do not see them because they are "in matter"** Since we live in a three-dimensional world, it is very difficult for our three-dimensional brain to visualize the higher dimensions. There is a process known as compactification where the higher dimensions are collapsing into each other. Changing our frame of reference and going down to the microscopic level **we find higher dimensions.** **???? But you haven't found them yet.** Let me explain this with a simple example – Suppose we are looking at a rope

that is tied between two stones from a certain distance. From this distance, we will only see one dimension of the rope, i.e. the length. Now imagine an ant climbing the rope. So from the ant's frame of reference, the rope is at least 2 dimensional, because you can see its width and thickness as well as its length. The ant also feels the grooves and roughness of the rope. If we go to the microscopic level and see from the frame of reference of atoms, we see a whole new world of 3-dimensional atoms with a solid nucleus and electrons orbiting around it in 3-dimensional space.

OK , but nothing more. Only 3 dimensions... If we go further into the microscopic **level of strings** And you have already experimentally established that strings exist??? If not, then it is the same "speculation as mine that the extra dimensions are only in the matter ...etc. inside the atom, we **will** see that the strings vibrate in 11 dimensions. **That's just wishful thinking to "see" vibrating strings. And the mechanism is not at all clear, whether the strings themselves create new extra-dimensions with that vibration, or whether the strings "float" out of nowhere in the 11 extra dimensions that appeared "somewhere" ...?! Everything in this universe is made up of tiny vibrating loops, hypothetically so far... which according to string theory are known as strings. And...and according to HDV they are known as wave packets of compacted 3+3 dimensions. So now you can understand, and you can too !!! understand HDV...** how we can find higher dimensions at the microscopic level. Friends, I will now discuss each dimension, starting from the zero dimension to the eleventh dimension.

Well, good. Although I don't know such equations, surely the OTR equations will be derived and used, that ? Zero Dimension - In zero dimension there is no length, no width and no height of an object. **OK so it is a point.** An example of zero dimension is a point. Let's imagine that someone lives in zero dimension, then they would have no body and no shape. It cannot move in any direction like forward, backward, up or down. **Dimension zero is the basis of all higher dimensions.** First Dimension An object in the first dimension (1D) has only one dimension, i.e. length. **O.K.** A straight line is an example of a first dimension object. A straight line is obtained by connecting two points. A one-dimensional being can only move in a straight line. It cannot move in other dimensions such as left, right and up or down. Second Dimension (2D) Second-dimensional objects, also known as two-dimensional or 2D objects, are flat **O.K.** shapes.

(02)- Some common examples of two dimensional shapes are squares and triangles. As the name denotes, two dimensional objects are made up of two dimensions length and breadth. There is no third dimension of height or depth. Therefore these objects are flat figures having non zero area but zero volume. If someone is living in two dimensions, then he would be able to move only on a surface without being able to move in up or down directions. He will not have any idea of the third dimension which is height. Can you imagine what will happen when a 3 dimensional object enters into the world of two dimensional being? Let's understand it with an interesting example. Suppose a two dimensional being present in his two dimensional space is watching a three-dimensional apple entering into his flatland world on a vertical axis perpendicular to the plane of the flatlander. But as we know a two dimensional being cannot see a three dimensional object. So how would that 3 dimensional apple look like from the frame of reference of that flatlander? He can not see the Apple until it touches his 2 dimensional plane as it's above his flatland and he cannot see anything which is above or below his 2 dimensional plane world. but as the Apple just touches the plane, he will see a dot which is nothing but the point of contact of the Apple to the plane. Now as the Apple goes below his plane world, he sees a circle growing in size on his plane and the size of the circle is maximum when half of the Apple is Above and half is below the plane and then the circle size becomes smaller and smaller and then a point and finally it disappears for him. It means the 2 dimensional being sees only the cross sectional view of the Apple that is cut by his 2

dimensional plane at that moment. So for a person living in a particular dimension, objects of higher dimensions suddenly may appear from nowhere, may change shapes and size and then disappear into space. It may appear supernatural or kind of magic for a lower dimensional being but for that higher dimensional object it's nothing special. It just moves in dimensions that are not perceived by him. Third dimension (3D) On adding one more dimension to 2 dimensional objects we enter into the world of three dimensions. This third dimension is of height. Therefore to represent three dimensional or 3D objects we need three coordinates length, breadth and height. As we have Already discussed that two dimensional objects are plane figures therefore have zero volume. But three dimensional objects are solid objects and therefore have non zero volume. Some common daily life examples of three dimensional things are balls, chair, car and we humans. We live in a three dimensional world. This is the reason we can move in forward, reverse, up and down directions easily. as we have full control over the three dimensions of space. Fourth dimension Time is considered the fourth dimension. A four Dimensional being can move freely in time dimension. It would have full control over time. He would be able to move in any desired direction in time; past or future. Suppose you are living in a four dimensional world then you would be able to go to a certain point in time in past and change your decisions. Now I will explain higher dimensions with the help of an interesting example, so that you can understand the basic difference between the dimensions. First start with the fourth dimension, But we humans are 3 dimensional beings, therefore have full control over the three dimensions of space but we are forced to move only in one direction in time- the forward direction, as we are three dimensional beings. But if we consider the fourth dimension from the geometrical point of view then hypercube is a 4 dimensional object. It is also called a tesseract. The relationship between a hypercube and a cube is same as that of cube and square. So in simple terms a hypercube or tesseract is four dimensional analog of the cube. As a cube has 6 square faces, in the same way hypersurface of a tesseract consists of 8 cubical cells. Fifth dimension (5th dimension) A person living in 5th dimension can control time in different ways. A fifth dimensional being can move either in past or future as per his wish. He would have all the powers that are possessed by a fourth dimensional being. But he would also be able to be present at different locations at the same time. It would also be possible for him to do many jobs and have different hobbies simultaneously. Actually Parallel universes exist in this dimension, therefore in the fifth dimension you can I have careers in different fields.

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(02)- Some common examples of two-dimensional shapes are squares and triangles. As the name suggests, two-dimensional objects consist of two dimensions, length and width. There is no third dimension of height or depth. Therefore, these objects are flat figures with non-zero area but zero volume. **O.K** someone lives in two dimensions, then they would only be able to move along the surface without being able to move up or down. He will have no concept of the third dimension, which is height. Can you imagine what happens when a 3-dimensional object enters the world of a 2-dimensional being? Let's understand this with an interesting example. Suppose a two-dimensional being present in its two-dimensional space follows a three-dimensional apple entering its flat world on a vertical axis perpendicular to the plane of the flatlander. But as we know, a two-dimensional being cannot see a three-dimensional object. So what would a three-dimensional apple look like from the reference frame of that flatlander? He cannot see the Apple until it touches his two-dimensional plane because it is above his plane, and he cannot see anything above or below his two-dimensional plane world. But if Apple just touches the plane, it will see a dot, which is nothing but the point of contact of Apple with the plane. Now, as the apple gets below its plane world, it sees a circle getting bigger in its plane, and the size of the circle is maximum when half the apple is above and

half below the plane, and then the size of the circle gets smaller and smaller, and then a point, and finally it disappears. This means that a 2D being only sees a cross-sectional view of the apple that is cut through its 2D plane at that moment. So for a person living in a certain dimension, higher dimensional objects can suddenly appear out of nowhere, change shapes and sizes, and then disappear into space. To a lower dimensional being, this may seem supernatural or a type of magic, but to this higher dimensional object, it is nothing out of the ordinary. It just moves in dimensions that he doesn't perceive. **Third Dimension (3D)** By adding another dimension to 2 dimensional objects, we **enter the world of three dimensions**. This third dimension is height. Therefore, to represent three-dimensional or 3D objects, we need three coordinates, length, width and height. As we've already discussed, two-dimensional objects are plane figures and therefore have **zero volume**. But three-dimensional objects are solid objects and therefore have non-zero volume. Some common examples of three-dimensional things in everyday life are balls, chairs, cars, and us humans. We live in a three-dimensional world. This is why we can easily move forward, backward, up and down because we have full control over the three dimensions of space. **Fourth Dimension Time**, is considered the fourth dimension.

And here occurs the first proper non-completion of abstract considerations (if not to say non-completion - non-start of experiments) with multidimensional time. He actually exists! Only physicists = Flatlanders don't perceive it. A four-dimensional being can move freely in the time dimension. So time is not "just a solid dimension" but it is a "universe-creating Quantity" which also has three dimensions as the universe-creating Quantity Length has three dimensions = length, width, height. Space-time is 3+3D. http://www.hypothesis-of-universe.com/docs/c/c_052.jpg In time it would have full control. He would be able to move in any desired direction in time; past or future. The interpretation of dimensions should not deviate here into "direction in time". Save that for chapter two. Assuming you live in a 4 dimensional world, well, you are ahead of the game where you would first describe the 11 length dimensions and then the time....then you would be able to go to a certain point in the past of the Point on the time dimension... and change your decisions . And you also talk about "walking" through time, through the time dimension.... after one time dimension (?) or after three time dimensions (??)... The Universe expands - you say, I say the Universe - the 3+3 space-time "unfolds" ..., in each place of the space-time the dimensions expand... in the macro world of the universe it we see..., the "curvature" of each dimension unfolds! Of course, in the global Universe unfolding from the Bang, states of 3+3 dimensions "float", local states that are "less unfolded", i.e., in which each dimension is unfolded differently. I will give a more detailed description later.

Now I will explain the higher dimensions with an interesting example so that you understand the **basic difference between the dimensions**. First start with the fourth dimension ,?? what, longitudinal? but we humans are 3-dimensional beings, therefore we have full control over three dimensions of space, but we are forced to move in only one direction in time - forward, because we are 3-dimensional beings. But **if** we consider **the fourth dimension from a geometric point of view**, which is always the length dimension **then** the hypercube is a 4-dimensional object. Hypercube is just a gimmick..., I think this fourth dimension is not physical but just "mathematical". Also called tesseract. The relationship between a hypercube and a cube is the same as that of a cube and a square. Simply put, a hypercube or tesseract is a four-dimensional analogy of a cube. It is a creation of "geometry" and not a creation of the Universe, which only needs 3 length dimensions-dimensions to present. Other extra dimensions (both length and time) are built into matter... As a cube has 6 square surfaces, the hypersurface of a tesseract is also composed of 8 cubic cells. The Fifth Dimension (5th Dimension) **A person living in the 5th dimension can control time in various ways. Speak**

more precisely: a person placed in the five length dimensions controls time, blah blah... there is still the error that you assume that time is one-dimensional quantity..

A fifth dimensional being can move either in the past or in the future at will.

No. A person on a dimension (longitudinal and temporal) cuts intervals by shifting, by moving "along it", along that dimension. From another point of view, a person can "stand" on a dimension, he does not cut anything (in his "standing" system). But then (when he stands on a dimension that unfolds by itself from the Bang), he then observes the surroundings, i.e. other 3+3D systems where the cursor runs along the dimension at a different pace and therefore some "flow of time" is observed. Even better said this way: we humans do not observe around us that we are placed in some "expanding system" of dimensions 3+3 from the Big Bang, and we do not observe (around us) that we are "running" in space along length dimensions, but...but we observe, that time runs around us and "we with it" ... and that is not entirely true. We observe=perceive "some" unexplored "pace of time". An expert-physicist says that: we don't know our rate of passage of time, but everywhere else that c rate of passage is slower and slower (see STR; the rocket commander says so, dilation, etc.). Dttto with the movement of the Earth in space, in our galaxy and with it further in the global space of all galaxies: we do not observe "our" longitudinal shift, but we observe "our" temporal shift. Why? Our Earth is placed in "some place" in the universe where $c = 10^8 / 10^0$ prevails. If we were beings "standing" on the photon, we would observe $c = 1/1$ and we would observe "into space" how the variously curved dimensions from the Big Bang unfold there, how there are locations with variously curved 3+3 dimensions that "one inside the other they float" ... intergalactic space already has smaller dimensional curvatures than the space inside the galaxy and... and in it there is another system, e.g. the solar system, in which there are other curved dimensions (e.g. the gravitational potential field around the Earth) and this solar system "floats" to some other crooked LOCAL system. I also have a garage in my house and there I have a piece of magnet and if I take iron filings, they will make an "arc" according to the magnetic field lines, which is pretty much the variously curved LOCALLY curved space-time, which Fox's observation does not perceive...it does not perceive that it has curved locations on the tabletop dimensions of the magnet. That was a narrative twist. Now back to that: why do we perceive the "flow of time" (in three time directions) and not the "flow of length intervals" along the length dimensions of space??...well, I don't know. Think for yourself here. We humans are definitely found "on dimensions" that "float" in other dimensions, i.e. in locations with a different curvature of dimensions. So: we perceive the flow of time in three directions of length x ; y ; from (ie to t_1 ; t_2 ; t_3) as "equal" intervals. But that is a misleading statement, insight... We are not "on a photon" to perceive $c = 1/1$; our perception of length and time intervals is "shifted" by 8 orders of magnitude!!! $10^8 / 10^0$, the sensitivity is uneven. That is why time seems to us to flow in all directions at the same rate.

Interpretation aid No. 1 with a description of another interpretation →

((It can be formulated as that *time does not flow to us, but we, the material object, flow to it, we flow = we move through time - along the time dimension* and... and thus cut time intervals on the "standing" time dimension... No one has yet proven that the rate of passage of time is still the same from the Big Bang to today, so it is universal for every place in the universe. No one has proven that $t_1 = t_2 = t_3$ applies on Earth and that $t_1 = t_2 < t_3$ can also apply on Earth, ...which turns out to be normally in STR when time dilates only in the direction of the body's movement away from us (by the way: the curvature of the time

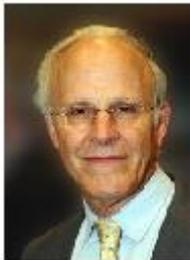
dimensions $x / (t_1 \cdot t_2)$ is then manifested as gravity).))

Aid No. 2 with a description of another interpretation →

Answer: Could there be extra time dimensions?

Odpověď: Mohly by existovat další časové dimenze?

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Time is one of the most mysterious aspects of our theoretical framework and you know the first person I know of who wrote an interesting article on the possibility of extra dimensions of time was Andrei Sakharov. This was before string theory, but the other dimensions of time go back to Kaluz and Klein in the 1920s and everyone thought about it, including Zec, it has problems, (The Universe doesn't have problems, but human-physicists have problems understanding " why" there should be extra dimensions of time. 3+1D space-time is enough for humans... but until they understand the idea of HDV, i.e. that we need extra dimensions to understand the "formation of matter", not "from strings out of Nothing", but just from those packed three dimensions of time and lengths 3+3D http://www.hypothesis-of-universe.com/docs/c/c_426.jpg ; http://www.hypothesis-of-universe.com/docs/c/c_421.gif ; http://www.hypothesis-of-universe.com/docs/c/c_416.jpg ; http://www.hypothesis-of-universe.com/docs/c/c_415.gif ; http://www.hypothesis-of-universe.com/docs/c/c_411.jpg ; http://www.hypothesis-of-universe.com/docs/c/c_358.jpg . Space-time 3 is still enough for physicists today +1 D because they are still in the grip of the notion of "scalar omnidirectional time." Why? Because here on Earth they don't we see that time would run at different rates in three axes... We observe "practically" the same time $t = t_1 = t_2 = t_3$, e.g. one hour $t_1 = 3600.000000032$ seconds ; $t_2 = 3600.000000030$ sec. ; $t_3 = 3600.000000030$ sec. (I made up the number 32 or 30 for interpretation), even though we know that in many physical situations of "uniform and uneven motion, energy changes", etc., the passage of time is different, e.g.

$t_1 = 3600.000000036$ seconds ; $t_2 = 3600.000000030$ sec. ; $t_3 = 3600.000000030$ sec.

Therefore the "scalar" "t" is enough for us. The globe is "placed in space-time so skillfully" that the tempo of the passage of time is almost the same in all three components, i.e. the differences are in order up to the eighth place after the decimal point. $c = 10^8/10^0$; A human being is eight orders of magnitude more sensitive to the perception of length intervals than

time intervals. If a ferrari car drives around the autodrome, we will perceive its movement (along the "x" line), i.e. speed $v_1 = x_1/t_1 = 250 \text{ km/h.} = 250,000\text{m} / 3600 \text{ sec.}$ Overwritten in the components 3+3 of the dimensional grid, the measurement of the size of the dimensions will be written $\rightarrow x = 250,000 \text{ m}; y = 0 \text{ m}; z = 0\text{m}$ (but beware, the globe is round, so it will be more precisely $x = 250000.0 \text{ m}; y = 0.00000002 \text{ m}; z = 0.00000003 \text{ m}...$, we practically neglect these small values for **y** and **z**); dttto with time $t_1; t_2; t_3$; after measurement are: $t_1 = 3600.00000000$ **36** seconds; $t_2 = 3600.00000000$ **30** sec. ; $t_3 = 3600.00000000$ **30** sec. (I made up the number **36** or **30** for interpretation) . That is, in the **x, y, z, t₁, t₂, t₃** coordinate system, we measure changes only in the x and t₁ axes.

If a ferrari turned into a space rocket that increases speed up to...up to $v = 0.8c$... ((examples are **here** <http://www.ktf.upol.cz/joch/priklady/dilatacep.html> ; https://www.walter-fendt.de/html5/phcz/timedilation_cz.htm and there are also elsewhere)) ... then according to the STR, time would dilate on the rocket, ahem, of course !!!! it would dilate in the 3+3D system **only in the direction of movement!!!!**, i.e. **t₁ = 9.0 sec. t₂ = 500.0 sec. ; t₃ = 500.0 sec.** This is not perceived by the missile commander, but is perceived by the Observer from the basic system, and only for the reason that the signal-information arrived "rotated", that is, it flew through a distorted space-time. That's why we sense that STR dilation here on Earth as "dilation", but there is no dilation on the rocket, there is still **t = t₁ = t₂ = t₃** .

↓ End of utility.

He would have all the powers that a fourth dimensional being has. But it could also be present in different places with no intervals. But then at the same time. It would also be possible for him to hold many jobs and have different hobbies at the same time. **Actually ha-ha-ha** there are **Parallel Universes** in this dimension, therefore I can have careers in different fields in the fifth dimension. **Ha-ha-ha**, you are already entering the field of fantasy

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(03)- In this case, you will have another versions of yourself in parallel universes who would be living their lives independently. They would have separate timelines for the parallel universes. Their lives in different parallel universes will be based on cause and effect. It means their lives will change as per the decisions made by your self versions in different universes. But one limitation of fifth dimension is that you cannot meet your self version in directly using shortcuts to another timeline of parallel universe. I will explain all these things using our example of changing marriage decision. Sixth Dimension (6th dimension) A six dimensional being has all the powers that a person living in 5th dimension has along with some extra capabilities. Parallel universes exist also in the 6th dimension. A six dimensional being can see all the presents, pasts and futures of all the parallel universes. But one limitation of the sixth dimension is that all the parallel universes must have the same beginning (initial conditions) that is the Big Bang. Like in the fifth dimension, in the sixth, dimension also you are free to choose multiple careers of your choice and your multiple versions can live their lives simultaneously in parallel universes. As I already discussed, one problem with the fifth dimension was, you can not meet your self version in another parallel universe directly using shortcuts. But the sixth dimension is free from this limitation. You can easily jump from the timeline of your universe to any point present on the timeline of any parallel universe. Now I

will try to explain this with the same example. Seventh Dimension Seventh dimension can have infinite number of universes. A seventh dimensional being can have infinite forms of itself and can move from one universe to any other universe. All the powers are possessed by a 7th dimensional being that a sixth dimensional being has. The seventh dimension is free from the limitations of the sixth dimension. The 7th dimensional universes may have originated from different start conditions. And a person living in the seventh dimension can have infinite forms of itself which are able to move freely between all the infinite number of universes at his will. These infinite number of universes may have originated from different initial conditions not just the big bang. Eighth Dimension The eighth dimension has a plane of all the possible presents, pasts and futures for all the infinite number of parallel universes and all these infinite universes extend upto infinity. String Theory says in the eighth dimension objects do not have any physical existence. You may think of it analogous to our digital world, where we can not touch the objects but only can see or hear them. They can change shapes, size and appear or disappear instantly. So it may be somewhat similar to the virtual reality. Ninth Dimension Infinite number of universes exist in the ninth dimension. It is possible for the universes in the ninth dimension to have their own laws of Physics and separate conditions and probabilities of their origin. You will be surprised to know that in the ninth dimension many civilizations or aliens may live simultaneously at the same place. These coexisting civilizations may not see or feel the presence of each other. The ninth dimensional being would have mind boggling super powers. That being would be capable of going to any point in time- past, present or future of any infinite number of universes. He would have no physical form and would be able to move freely in space and time in any of the universes. Tenth dimension The 10th dimensional being would have infinite powers. He would be able to do the things that are beyond your imagination. He would be able to control even the spacetime and everything present in all the infinite number of universes. So what would you call that 10th dimensional being who is infinitely powerful. I think we can call him The God!!! Some researches also suggest that God lives in the 10th dimension. Now I will discuss the 11th dimension Eleventh dimension: Many unanswered questions were arised when the superstring theory was introduced. Therefore to answer these questions, eleventh dimension was proposed by the researchers. We can observe only three dimensions of space and One dimension of time. It is not possible for us to observe higher dimensions as higher dimensions are Compactified or curled up. According to superstring theory, everything in the universe is made up of one dimensional and infinitely small vibrating loops called strings.

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(03)- In this case, you will have other versions of yourself in parallel universes, and there we are...in fairytale realms. Now we can picture Hell and devils... who would live their lives independently. They would have separate timelines for parallel universes. Their lives in different parallel universes will be based on cause and effect. It means that their lives will change according to the decisions made by your own versions in different universes. But one limitation of the fifth dimension is that you cannot meet your own version directly by shortcutting to another parallel universe timeline. I will explain all these things. I can explain everything too, even those squads in Hell on our example of changing a marriage decision. Sixth Dimension (6th Dimension) A sixth dimensional being has all the powers of a human living in the 5th dimension, along with some special powers. Parallel universes also exist in the 6th dimension. Ha-ha-ha A sixth dimensional being can see all present, past and future of all parallel universes. "Wonderful. I still see that the interpretation of "about 11 moons" + one temporal is conducted without respect for the question of the multidimensionality of the time quantity. Why ?

But one limitation of the sixth dimension is that all parallel universes must **have the same beginning** (initial conditions) like the Big Bang. **Well logically yes...** Just like in the fifth dimension, in the sixth dimension you are **also** free to choose multiple professions of your choice and multiple versions of you can live your lives simultaneously in parallel universes. As I mentioned before, one problem with the fifth dimension was that you couldn't meet a version of yourself in another parallel universe directly using shortcuts. But **sixth dimension is freed "ooooo, that's science, sir, observed from the Universe...** ahem from this limitation. You can **easily** jump from your universe's timeline to any point in any parallel universe's timeline. **You can jump from the timeline of one universe to the timeline of the other universe... and then to the third and twentieth... Maruska from 5A trolled, do you know what the sixth dimension is for? longitudinal? + timelines from all parallel universes?, do you already know?** Now I will try to explain it using the same example. Seventh Dimension., **The seventh dimension can have an infinite number of universes.** **And devils in Putin's Hell can have two vocas and in Biden's Hell even three...** A seventh dimensional being can have **infinite forms of itself.** well, Maruska, I'm saying it: one form is a two-tailed devil and another form is a three-tailed one and he can move from one universe to any other universe. **Great, and...and that's why we have the extra dimensions...in our universe to "jump" to follow our girlfriend to the next universe, where maybe they also have 11 dimensions...**

A seventh dimensional being has all the powers that a sixth dimensional being has. The **seventh dimension is free** from the constraints of the sixth dimension. **Juchelka, juchííí.** The 7th dimensional universes **could** have come from different initial conditions. And a person living in the seventh dimension can have infinite forms of themselves that can freely move at will between **all the infinite number of universes.** This infinite number of universes could have come from different initial conditions, **not just the big bang.** **"Behind the big bang" is such a small big bang, a little bang...** The eighth dimension. The **Eighth Dimension has a plane of all possible present, past and future for all the infinite number of parallel universes and all these infinite universes extend to infinity.** **String theory says that objects in the eighth dimension have *no physical existence.** **That's amazing, you can't even say that about devils, that one time they are and the next time they're not and then they bite their way into parallel Hell and back again like Princess Roses.** **You can think of this** as an analogy to our digital world where we can't touch objects but only see or hear them. They can change shapes, size and appear or disappear instantly. Maruška, do you have any imagination? No ? then you're out of luck So it might be a **bit similar to virtual anti-reality.** The ninth dimension. In the ninth dimension **there are an infinite number of universes.** **In one dimension, within one dimension there are an infinite number of universes ? I'm amazed. Why do we have the 8 dimensions, when the ninth "in which" everything is infinitely many times is enough for us...**

It is possible for universes in the ninth dimension to have their own physical laws and separate conditions and probabilities of their formation. You will be surprised to **find** that many civilizations or aliens can live in the same place at the same time in the ninth dimension. **"Ooó, too bad I won't live to see it found out..."** These co-existing civilizations don't need to see or feel each other's presence. A ninth dimensional being would have **amazing superpowers.** **And why don't we move into that ninth dimension of length (without the time dimension?)?** This being would be ah...ah, **she's not there but she "could"...** **phantasmagoria dear...** able to go to any point in time - past, present or future of any infinite number of universes. He would have no physical form and could move freely through space and time in any of the universes. Tenth Dimension A 10th dimensional being **would** have infinite powers. He **would** be able to do things beyond your imagination.

It is possible for universes ***in the ninth*** dimension to have their own laws of physics and separate conditions and probabilities of their formation. You will be surprised to ***find***

that many civilizations or aliens can live in the same place at the same time in the ninth dimension. "Ooo, too bad I won't live to see it **discovered**"... These co-existing civilizations don't need to see or feel each other's presence. A being of the ninth dimension would have **amazing superpowers**. And why don't we move to the ninth dimension of length (without the dimension of time?)? This being **would** ah...ah, she's not there but she "could" ...a **phantasmagoria dear**... able to go to any point in time – past, present or future of any infinite number of universes. He would have no physical form and **could** move freely through space and time in any of the universes. Tenth Dimension A 10th dimensional being **would** have infinite powers. He **would** be able to do things beyond your imagination. He **would** be able to control even space-time and everything present in all the infinite number of universes. So what would you call a 10th dimensional being that is infinitely powerful. I guess we can call him Got. **You can call him whatever you want, as long as God is definitely something other than "tenth dimension"**. Some research also suggests that God lives in the 10th dimension. **In ten dimensions, all ten, I would understand, but to live in one "tenth" dimension alone, that's really more than nonsense**. Now I will discuss the 11th dimension The Eleventh Dimension: **When the new theory was **introduced** discovered, but it was introduced by people, physicists introduced it to the universe, ehm, just some invented phantasmagoria, nothing that would be observed in the Universe, only mathematical speculations and creations..., it can be introduced without a hitch, thus also my HDV. Why isn't ? a superstring, **raised** many unanswered questions. Therefore, to answer these questions, researchers proposed an eleventh dimension. And why didn't they design a daisy? We can only observe three dimensions of space and one dimension of time. We can also observe three dimensions of time. (!) A rocket that flies at a speed “v” approaches “c”, so in the axis of movement it has one time dimension **t₁**, and since the rocket rotates with its own system of dimensions (see STR), it is possible to "translate" from its system to our "projective" system and it will reflect the rotated dimension **t₂** . **It is not possible for us to observe higher dimensions because the higher dimensions are compacted or twisted.** Yes, the higher dimensions above 3+3 are coiled into formations that already have the **n a t u r e** of matter, and the properties of matter, and follow the rules and laws of physics.**

http://www.hypothesis-of-universe.com/docs/c/c_036.jpg According to superstring theory, everything in the universe is made up of one-dimensional and infinitely small vibrating loops called strings.

(04)- Even the subatomic particles are made up of Strings and unique characteristic of each subatomic particle is because of the manner in which the strings vibrate. It is interesting to note that, frequency of vibration of the string is responsible for the mass of the particle. But the string theory does not answer two important questions related to strings, what these tiny strings are made of and where they come from. Size of the strings is of the order of 10^{-33} cm. This size is unimaginably small. This is many times smaller than the diameter of the nucleus. 10^{-33} cm is actually millionth of a billionth of a billionth of a billionth of a centimeter. I know Without giving an analogy our brains can not understand, how small this number is. If we increase the size of an atom up to the size of the observable universe, then the size of the string would be just equal to a tree. My dear friends this was all 11 dimensions. I hope I could answer most of your questions regarding dimensions. Your valuable ideas and discussion on dimensions is most welcome in the comments section of this video. If you want more details about any dimension please feel free to write in the comments. I will try my best to create a video on that topic. Friends if you think that the video was interesting and informative then please like and share the video and for more videos hit the subscribe button

and press the bell icon so that you don't miss my new videos. And finally thank you so much for watching this video till the end. See you soon in the next video.

23:50

Bye bye.

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(04)- Even subatomic particles are made of strings and why not the dimensions of space-time in the style of "wrapping-wrapping" dimensions into balls ?, why made of "strings that are NOTHING" ?? and the unique characteristic of each subatomic particle is due the way the strings vibrate. This sounds reasonable, but the vibration of the "exotic NOTHING", that it would be the creator of all the properties of matter, that is too great a speculation and a strangeness. Of course, she would have to prove herself. And this theory has no idea how to do that. I have already built "packages" of elementary particles (from real dimensions) of all particles and also interaction equations for the presentation of physical processes.**

<http://www.hypothesis-of-universe.com/index.php?nav=e> It is interesting note that the frequency of the string's vibrations is responsible for the mass of the particle. If the string will be real real physical dimensions that on the Planck scales will collapse, because there np (vacuum microscale). I'm shivering... But string theory doesn't answer two important questions related to strings, what these tiny strings are made of and where they come from.

An absolutely brilliant question I've been asking physicists for 20 years. To this day, no one has answered me!!! The size of the strings is approximately 10^{-33} cm. This size is unimaginably small. Therefore, one can think about HDV, i.e. the possibility that dimensions "boil" on these Planck scales, they foam, which means that they are not only simply curved but multiply curved, i.e. they are packed, "packed" into formations, which are then elementary particles.

. http://www.hypothesis-of-universe.com/docs/c/c_016.jpg

This is many times smaller than the core diameter. 10^{-33} cm is actually a millionth of a billionth of a billionth of a billionth of a centimeter. I know that without comparison, our brain cannot understand how small this number is. If we were to enlarge the size of an atom to the size of the observable universe, then the size of a string would be exactly the size of a tree. My dear friends, this was all 11 dimensions. **The Tale of Hell and Little Red Riding Hood** I hope I was able to answer most of your questions regarding dimensions. .

http://www.hypothesis-of-universe.com/docs/c/c_017.jpg Your valuable ideas and dimension discussions are most welcome in the comments section of this video. If you want more details on any dimension, feel free to comment. http://www.hypothesis-of-universe.com/docs/c/c_052.jpg I will try to make a video on this topic. Friends if you think the video was interesting and informative please like and share the video and for more videos click the subscribe button and press the bell icon so you don't miss my new videos. And finally, thank you very much for watching this video till the end. See you soon for the next video. 23:50 Hello.

JN, 09/09/2022