

http://www.youtube.com/watch?v=eGguwYPC32I&feature=my_liked_videos&list=LL5o1qafHIwrQzbUIi-CAHtg, -
(Youtube – 4th Dimension Explained By A high-School Student)

He says that it is impossible for a human mind to comprehend 4 dimensional space. He is completely wrong. I will put it to you bluntly, we live in a 4 dimensional universe. The fourth dimension is not the dimension of time, like Einstein said, it is simple special dimension.

Let me explain this. One dimension is a plain straight line with 0 width in a space. 2D is a square with no depth in a space. 3D is a cube in a space. 4D is one cube in a space with six additional cubes laying on its sides into space. Connect sides of those cubes with one another into space. Curve it into a ball into a space – because it is the only way that the sub-dimensions and dimensions could connect. You would get a sphere. You would get a spherical universe in which you could perceive fourth dimension because all those dimensions are blended in.

Time is not a dimension by itself. The flow of time is curved itself by the 4D curvature of the space and it is determined by it. It is intertwined with the inflation of the space itself.

Lets talk about planet Earth and about planets and galaxies in general. If you had clumping of material in a 3D space for certainly it would never take a form of a sphere. Why should it. The forms of the planets, if you think in that way should always be irregular.

If you take clumping of material into 4D space it would always clump as it clumps – into spheres. If you theoretically consider how the picture of the planet Earth would look like in one of those surrounding cubes (this is just theoretical because all the dimensions are blended in, there are no 6 sub-dimensional cubes surrounding one in the middle) – it would look like you watch it on a TV screen, 2D. The very fact that you are walking on sphere is determined by the forth dimension. But we cannot perceive it taking into consideration our size in this big universe.

How would time pass into 4D universe? It would do exactly as it passes right now. It would be curved and it would seem to us that there is something wrong with it since it does not behave as it should. To calculate the time of the events (distant and close ones) you would need to take into consideration non-linearity (but special one).

For the light coming to from distant galaxies it would take longer time than predicted to reach us depending to the increase of the distance from where it comes. The longer the distances the curvature would be smaller but there would still be a factor for latency. Curvature of time would be greater the greater is amount of clumped energy in a peace of space. Curvature of time would be infinite around black holes.

How would galaxies clump into 4D space? In 3D space, if you eject the dark matter from the equation, the shape of galaxies would be completely irregular. Make those calculation in 4D space, and eject the dark matter, you would get the exact shapes they have it today. This all is taking into consideration their sizes. I do not think that modern physicists take enough into consideration their sizes when they say that

there is a missing matter needed to make them rotate as they do (how they call the dark matter). That physics is simply different from what we know related to the size of those objects. In 4D space there would be no missing matter and no need for the dark matter to fill up the gap in scientific observations. They would be moving as they move.

The distortion of light coming from the distant galaxies would be easily explained by the use of the fourth dimension and the curving of space-time by surrounding galaxies.

In the space there would be areas in which there are no coagulated energy with 0 time. I really mean 0 time. There would simply be no transmission of information of any sort and observation of any sort so there would be no time.

The very explosion of universe produced disturbances. It produced dimensional dents and bumps. Why I imagine this as dents and bumps I will explain later. There is the energy encompassing this universe. There came to be two basic forces into expanding universe (disturbances), repelling force and attracting force. I imagine it as a glass ball filled with liquid of 2 different colors (lets say red and blue) and than shaken. On some places the attracting force was weaker (smaller amount of blue), smaller galaxies and clumps of them, and on some places the attracting force was stronger (larger amount of blue) larger clumps galaxies. The red was simply repelling (smaller and larger amounts of red) – displacing which still takes place with the expansion. These dents and bumps in space give to the universe its flow.

What would those galaxies do in the 4D space which is expanding and all stirring up, the space filled with basic energy that surrounds us all, filled with patches of bumps and dents which move with the expansion of universe? They would all stir up and sometimes flow and have streams as they have – the dark flow. The universe would be liquid. Just like that glass ball with its liquids inside. If such universe expands all the coagulated energy expands with it. I think that the answer for this can not be sought in any form of matter (the dark matter) but it simply has to be sought in fields (vibrational-energetic fields).

What would really be gravity into 4D space? There would be no particle or Higgs Field. It would simply mean that more the matter clumped is more the space bent is du to the fourth dimension. You would be walking on the planet Earth the way that you walk just due to the general distortion of space from all its sides. Heavier the planet is of the same size heavier is bending of the space in 4D universe.

There is a primordial energy all around us. What would an anti-gravity mean in such universe. All the matter is simply clumped energy. If you add to a physical body as same amount of basic energy in some form as the clumped energy is that attracts that body, it would simply start to levitate. If you add more it would start to drift away. If there is a primordial energy (and all the evidence of modern science says that there is) it would be possible to simply dive through that energy (using the energy) on which ever place you need. If some physical body would receive the amount of non-clumped energy in some form (or just be surrounded by it) equal to the amount of its physical (clumped) energy, its weight would annulled and it could theoretically go over the speed of light.

What would happen if you would add to the planet Earth as same amount of non-clumped energy as it has in its clumped form? It would brake its molecular bonds and the planet would dissipate. Keep adding more and more energy into that energy and it would start to flow away.

There is no special particle for gravity or anti-gravity. It is simple the curvature of space due to its four-dimensionality. There is no time dimension in 4D universe. For the physics of that universe it is not necessary and that universe would look exactly like the one we live in.

If there is an energy field going through out our universe what would it mean for photons and other types of radiation? There would be no photons. Photons would be just a product of the way you conduct your experiments. All the radiation would be simply disturbances, waves propagating through the sea of energy of our universe.

Subatomic particle accelerators simply produce particles by adding more and more energy into smaller and smaller spaces. Universe can be simply more simplified.

You have a galaxy (or a couple of them) and you record the dark matter. There is no dark matter. That is just a space time disturbance created by the bending of space and time from the gravity of that galaxy. In this model even during the collisions of galaxies that disturbance (we see it as a disturbance due to the bending and twisting of radiation and time) would keep on going its way, but just for some time.

The time is simply curved and nothing else. Otherwise Einstein's formulas would explain it all. The bigger we look some of his conclusions simply do not work.

The shape of planets and galaxies is only logical in 4D universe.

Science is no religion and free thinking is no heresy. The reality is almost always different from what it seems. My mind is free and not restrained. There are many concepts and not all are real.

Some additional explanations.

When I said the sea of energy – at the beginning I called it the field of potential.

Lets talk about the time. Before I said that the time is induced by the expansion of space. In one dimensional universe time does not exist. All the information goes instantly the whole infinite distance of one-dimensional space. In 3D and 4D universes which do not expand, taking into consideration the fact that they are assembled of an infinite number of 1D universes, the information would instantly go the whole road and there would also be no such a thing as time. If we take into consideration that the 3D universe can only be an infinite one, the transfer of information thus in it can also only be an instant one. If our 4D universe would be inflating with some constant rate – in this case the speed of light – there would be a

latency for that factor that would allow us to experience the time as we do. That is the factor determined by stretching of one-dimensional spaces from which the 4D universe is assembled (speed of light), which does not allow instant transfer of information though the primordial energy of 1D universes. That is what allows us to perceive time. 4D universe in this case is not infinite, but 1D universes of which it is assembled are getting longer coupled with its inflation and that creates disturbance related to the transfer of information. The very shape of EM radiation (carrier of information) in spherical 4D universe is determined by its spherical look and its speed by the speed of inflation.

One more time the shape of EM information and the time we perceive are related to the expansion and the shape of our 4D universe.

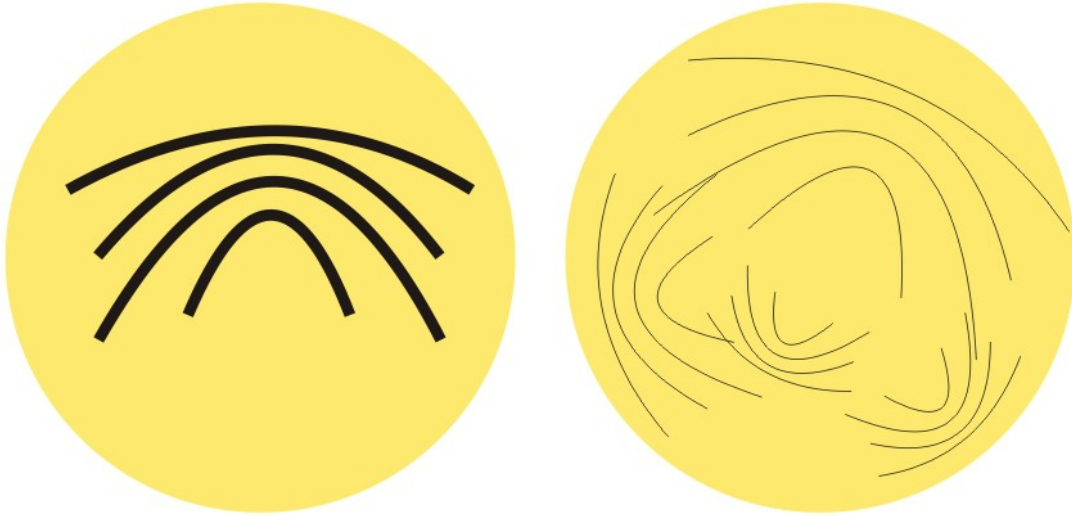
All the celestial bodies in 4D universe create space-temporal disturbances due to the general prolongation and deformation of the road the information takes around them and they catch one another in it. All the coagulated energy.

That thing that Hubble said about acceleration of distant galaxies – in this model It is only related to the way the space is curved. For the same speed of acceleration of inflation of universe – the bigger the distance the smaller is spacial curvature or the road that the information of an event has to take to come to the observer. That is the reason it looks like distant galaxies are speeding up although they are basically drifting away at a constant speed.

Actual curvatures of the space (universe) due to the 4D special distortions. It is equal in the very center of our universe and on its edges (in all its parts). It is equal from which ever point one looks. Bigger the distance smaller the curvature.

The picture down represents one-dimensional curvature.

our universe



Actual curvatures of the space (universe). 2 sub-dimensions are missing.

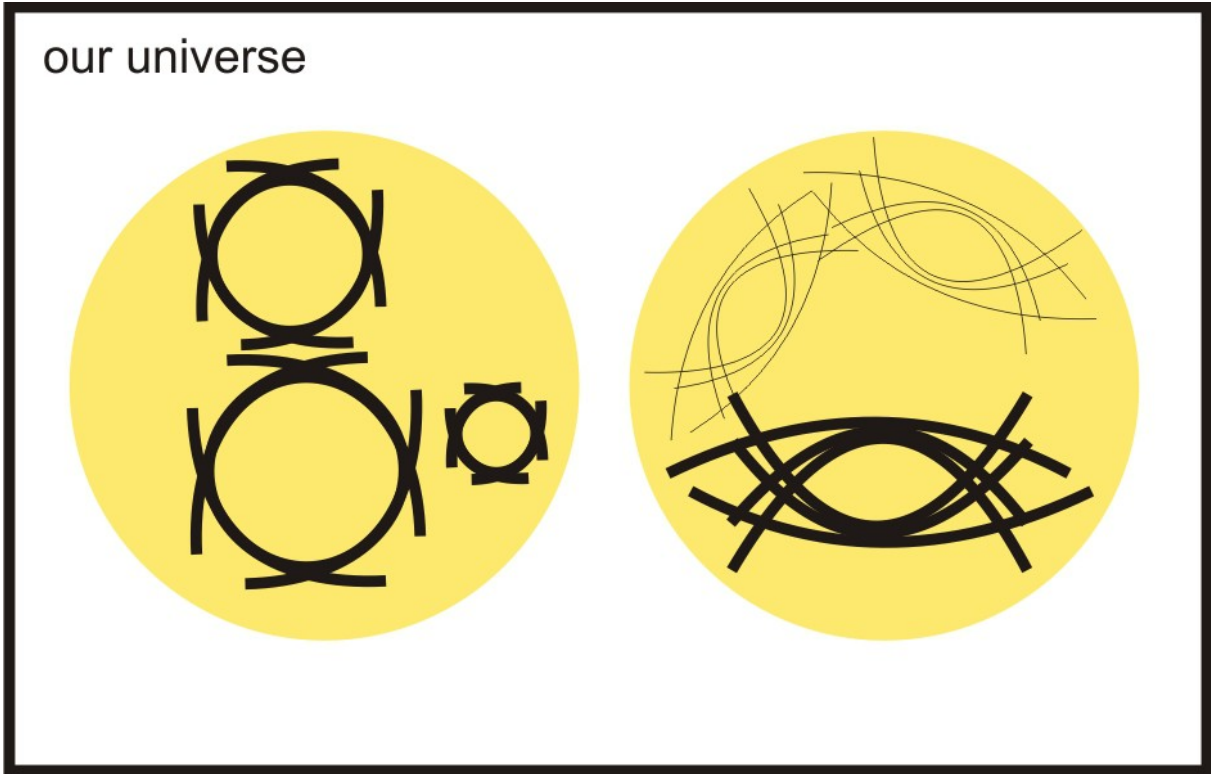
our universe



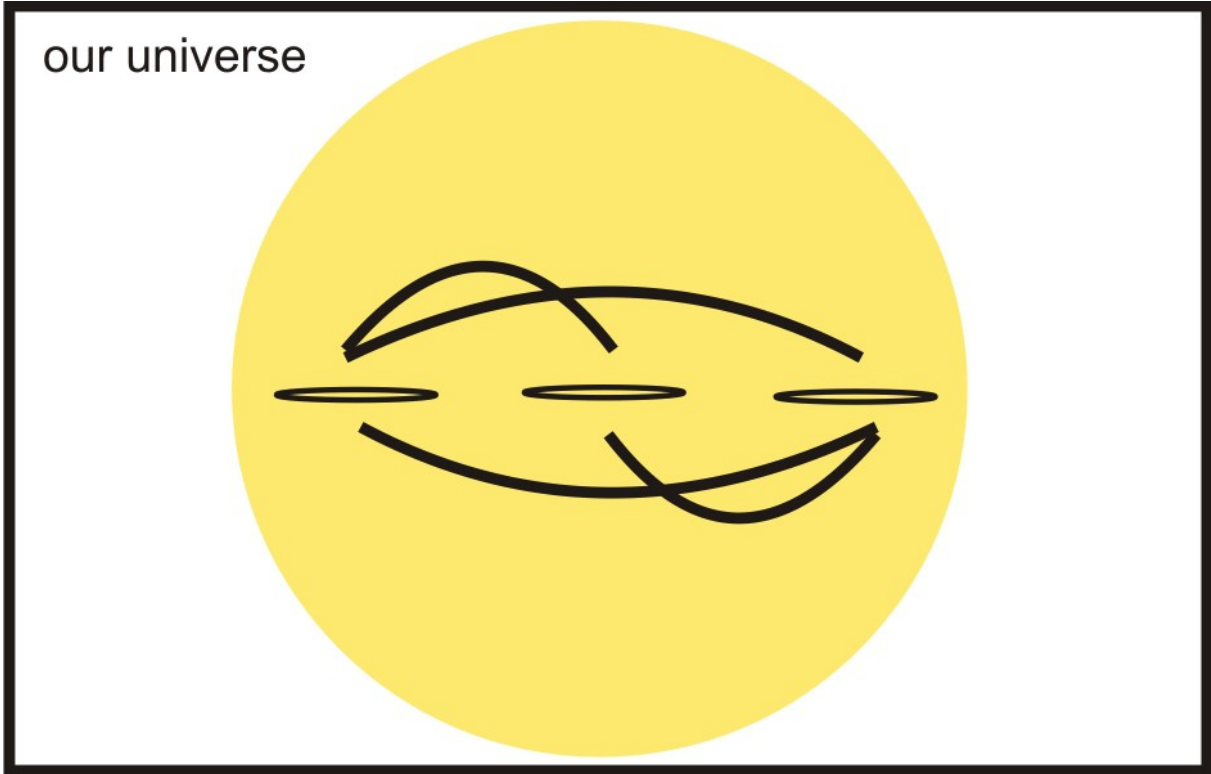
Smaller the distance and the bigger the amount of coagulated energy in a unit of space (squeezed energy) bigger is the curvature. Bigger is the amount of coagulated (squeezed) energy bigger is the tension on one-dimensional strings which always

have constant length. There is an interaction between a field that determines a distance in a one-dimensional string, the one that carries information in one dimensional string (primordial energy, 0 point, Tesla waves) and the energy that was injected during the Big Bang and for that reason got coagulated. With this could be explained a reason that we have two poles on magnets. One is attracted and caused by the coagulated energy and the other is rejected and caused by the primordial energy of single dimensions.

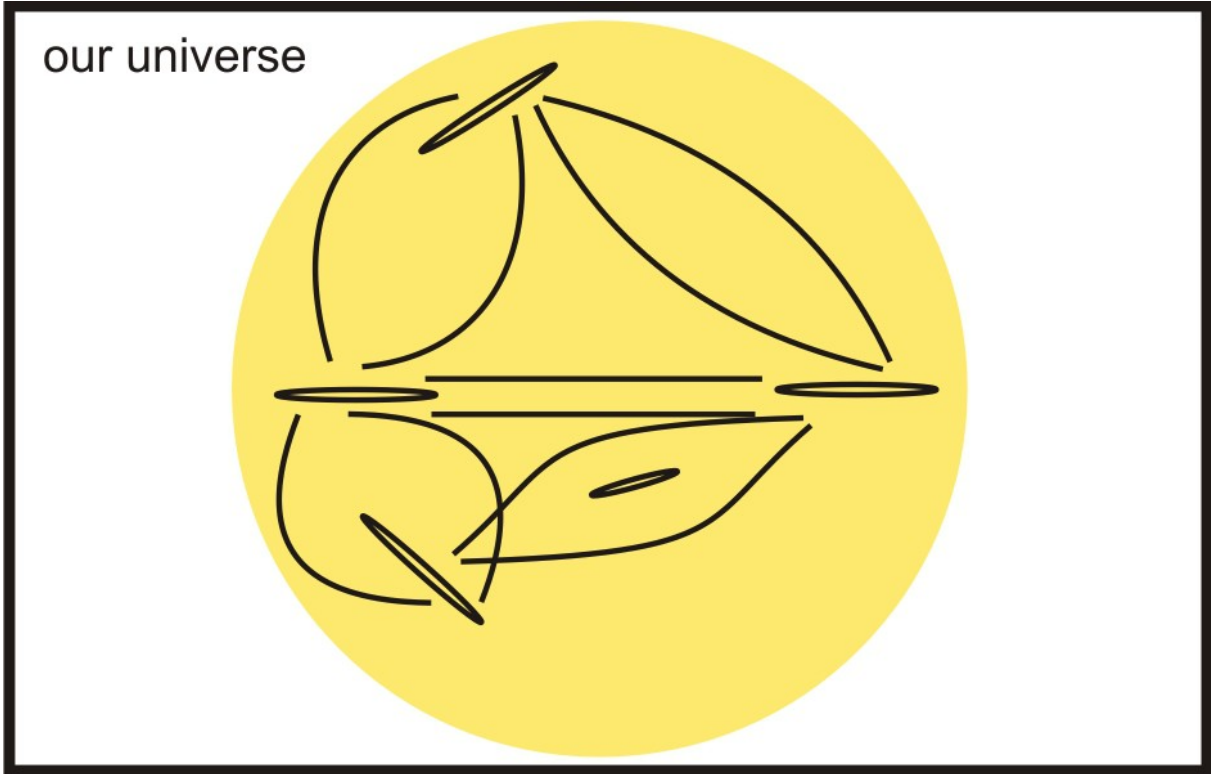
Shape of the planets and galaxies due to the dimensional curvature and pressure is easily recognizable. 2 sub-dimensions are missing.



The way how the information (EM radiation) travels between 3 galaxies in this case.



The way the information travels between separate galaxies.



one-dimensional universe
infinitely long and no width



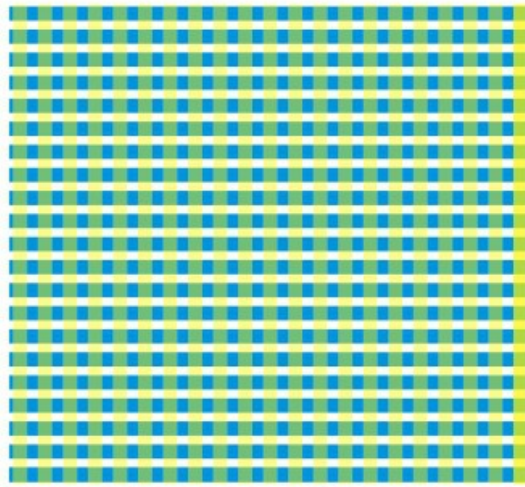
There must be two fields in such universe (maybe more), one that determines its length which is infinite and the other that transfers information (primordial energy through which propagate EM waves in our universe). There is no time (time is not even 0, it simply does not exist). Every information transfers instantly and with 0 latency throughout the whole dimension. In such universe nothing that we know of can exist but basic fields. There are no rejection and attraction but just basic fields.

One dimensional universe in a different color. This is important for me to show the displacement of dimensions in 3D and 4D universes. I do not have some strong computer and programmes to do it differently.

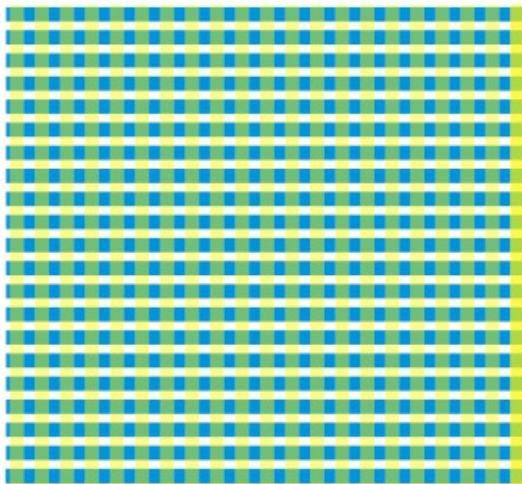
one-dimensional universe
infinitely long and no width



two-dimensional universe

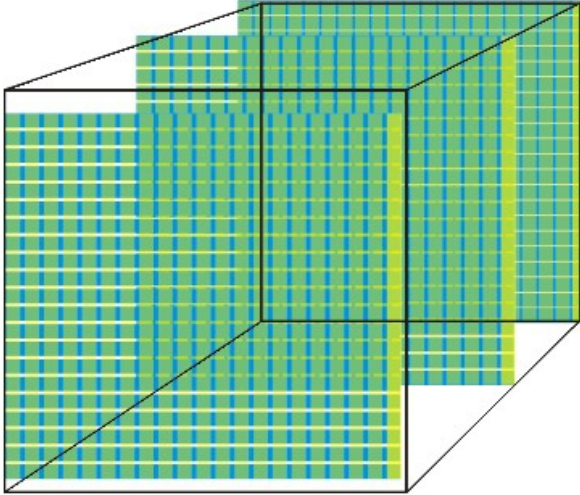


two rows of connected one dimensional space-times
rotated for 90 degrees are set one on another -
the only way to get width by connecting
one-dimensional spaces one with another

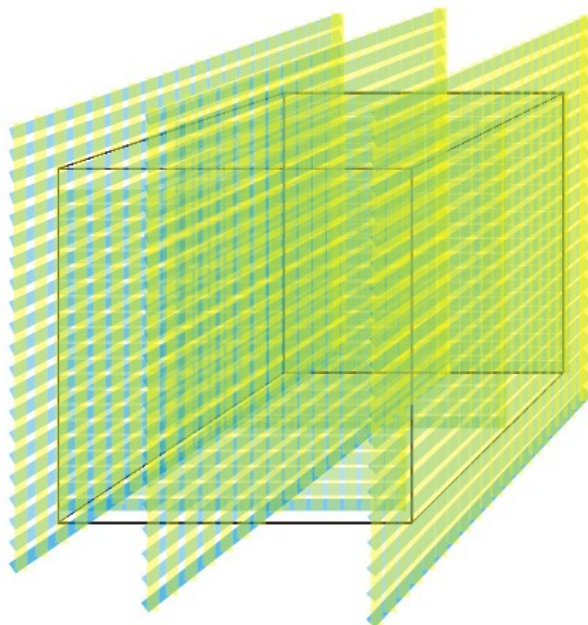


this universe can only
be infinite

3d universe - made by the rows of 2d spaces glued one on another - the only way to interconnected one-dimensional spaces from which 2d universe consists

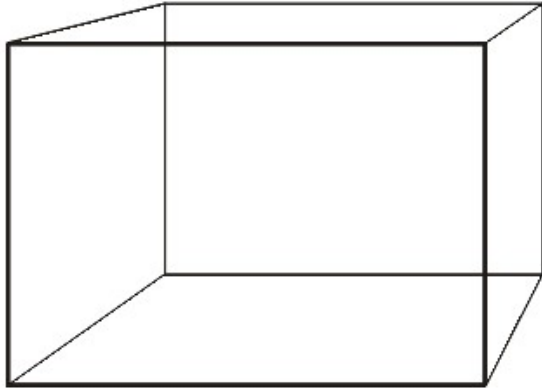


this universe can only be infinite

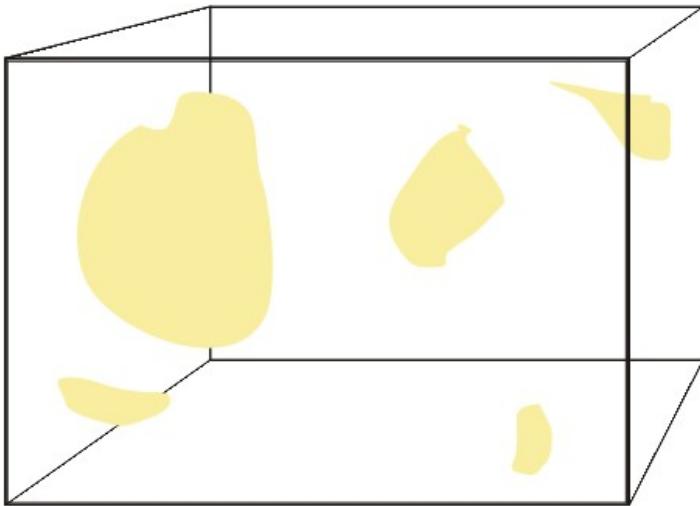


I forgot to add dimensions also like this - sorry - without this distribution of dimensions there would be no depth

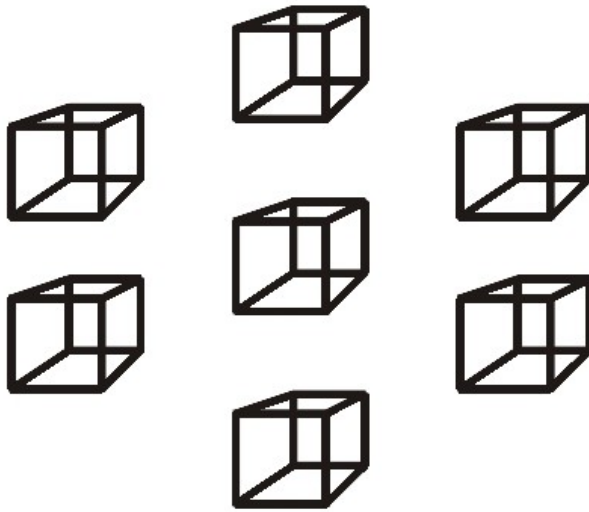
in 3d universe cannot be space-time distortions
3d universe cannot have a shape of sphere
in 3d universe matter can only be dispersed
this is its only possible shape



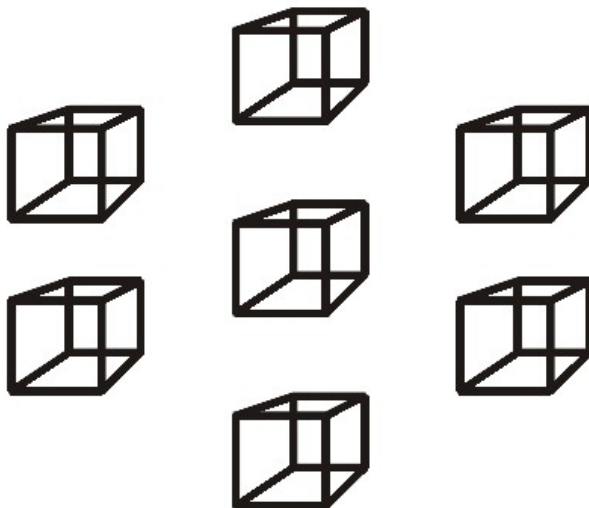
matter in 3d universe



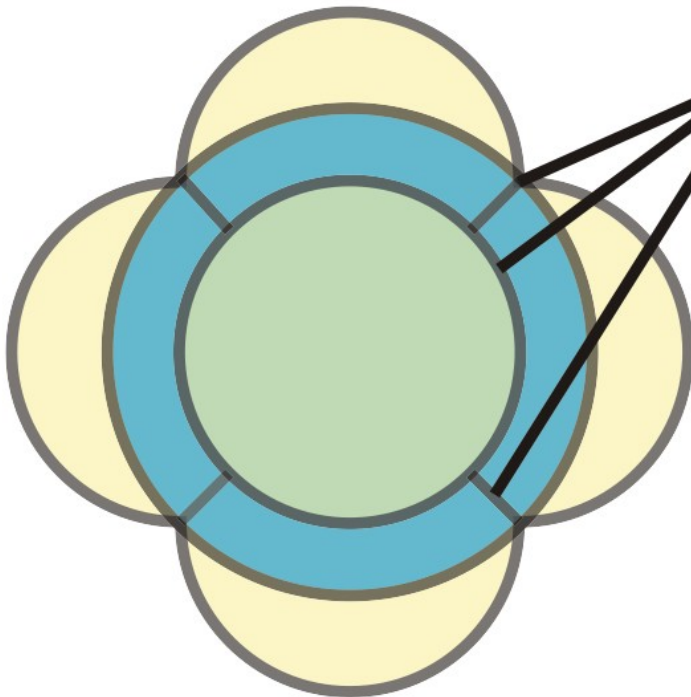
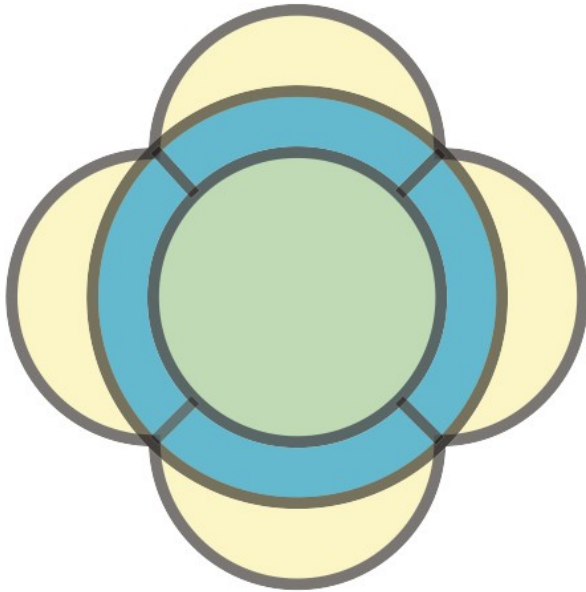
4d universe consists of 3d universe on which sides are glued
6 more space-times - have you not seen this geometry before



there is only one problem with this look of 4d universe -
dimensions could never be connected one with another

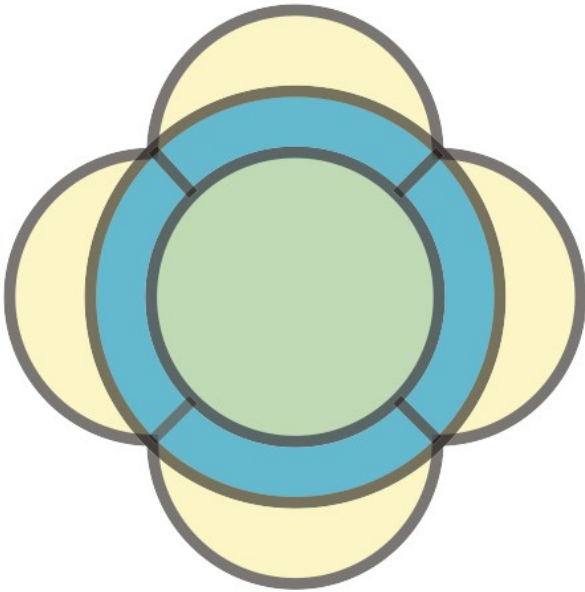


aproximation of 4d universe
I do not have 3d program to present it better

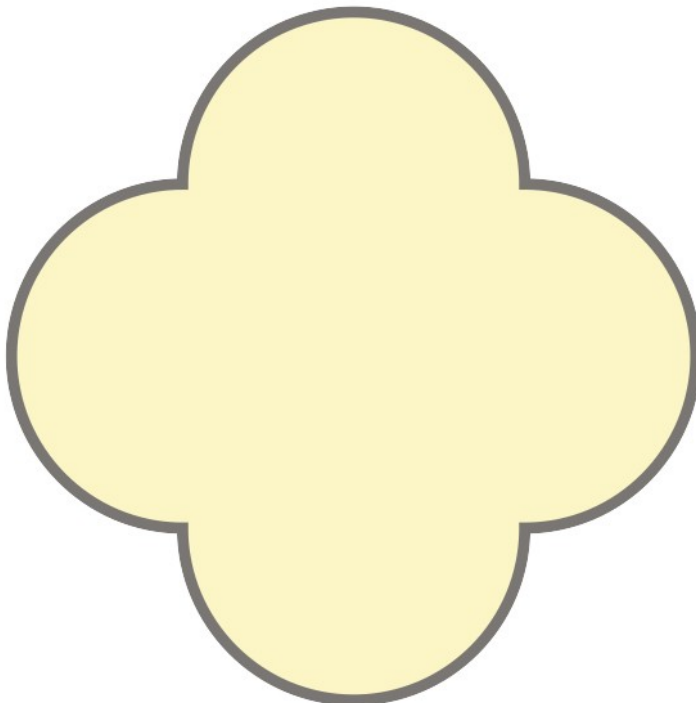


If the square-like
sub-dimensions
are going
to inter-connect
this can be
the only possible
shape of our sphere
like universe
(dimensional shape)

due to the distribution of dimensions
space-time is curved



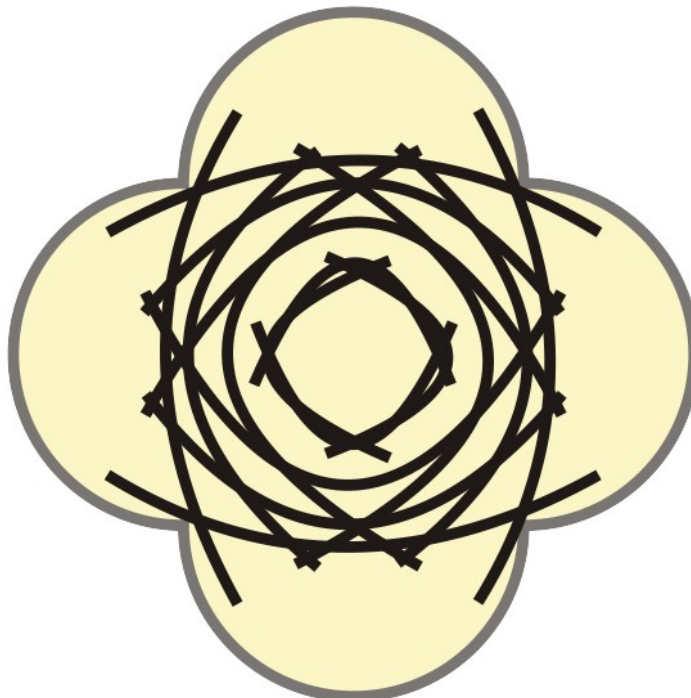
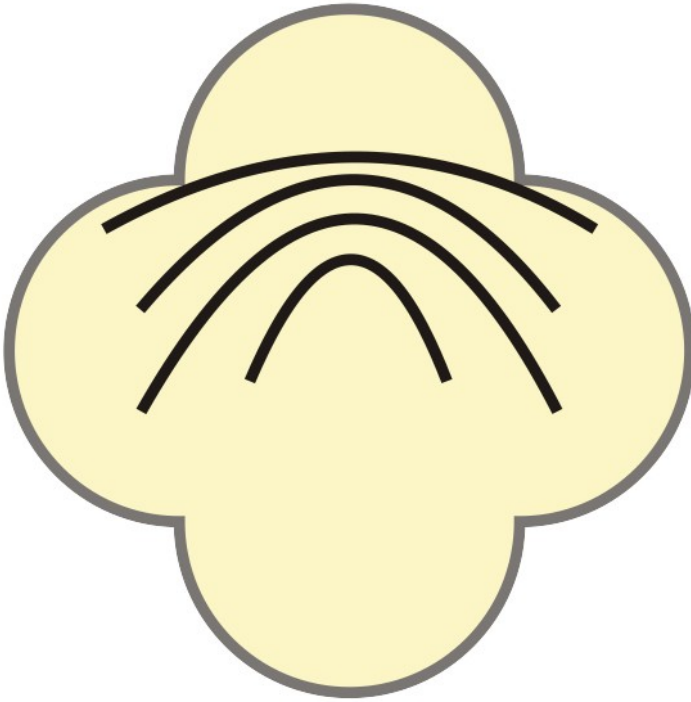
time is passing non-linearly
simply due to the fact
that the distances are
no linear
we only perceive them
in that way



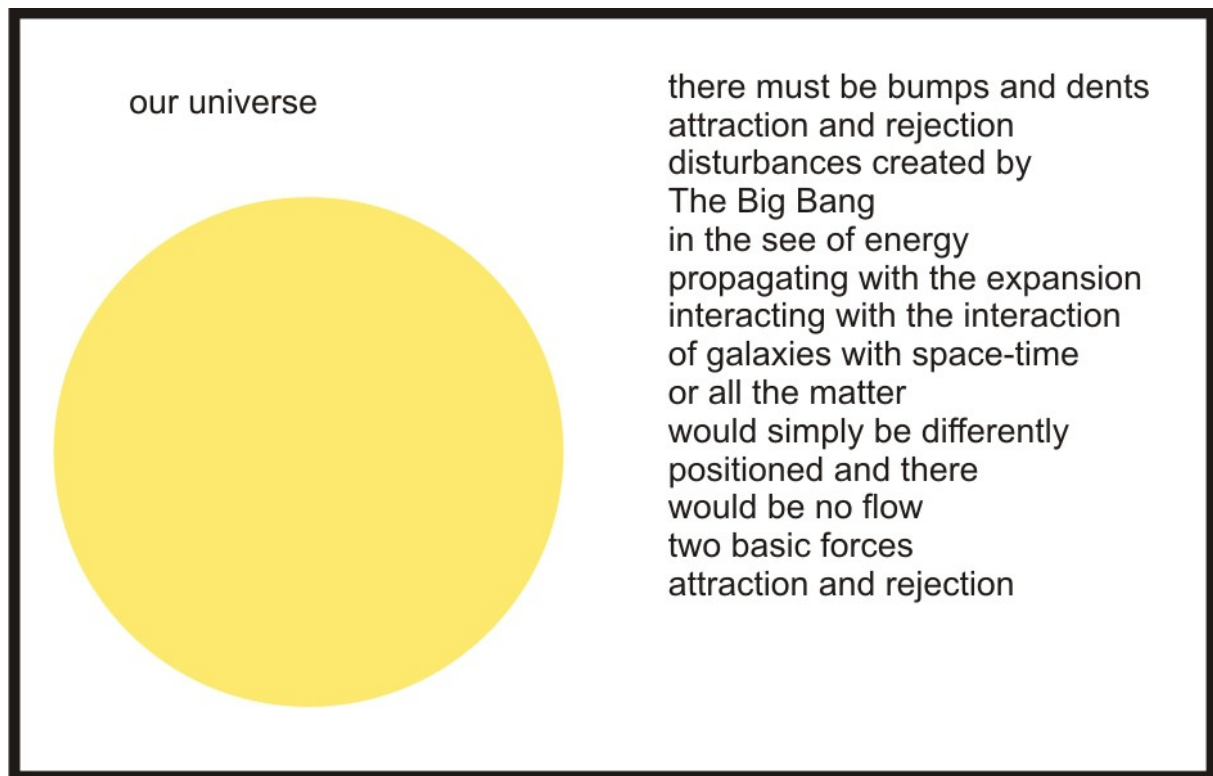
curvature of space time
bigger the distance
smaller the curvature
due to interlocking and
interaction among
its dimensions
and it is equally distributed
in all its regions

curvature is related
to the volume of the
coagulated energy
in the volume in space

curvature



aproximation of
space-time curvature
which is equal in all
parts of the universe
2 subdimesions are
missing
shape of our planet
time that passes
around us
shape of other planets
shape of galaxies
are easily recongnisable



I would like to explain what I mean when I say bumps and dents. At the very Big Bang our universe did not have a perfect 4D shape of the sphere. If our universe started with that perfect shape, instead that the dimensions at its very explosions and coming to be were warped and twisted and only starting to be and take its present regular shape, all the matter would be simply concentrated in the middle. It would be condensed in the in its very center in the shape of the sphere. You should imagine our universe as a 4D space consisting of an infinite number of connected and intertwined 1D strings. There are two force fields that I can imagine, as I said before, the one that gives to each string its separate length and the other that makes possible instant transfer of EM information.

The only reason why our galaxy has its shape and it is galaxy at all is because it is plunged inside one of those dents which are nothing else but imperfection in 1D length the assembling dimensional strings which were being created at the very instance of birth of our universe. The imperfection created by the dimensional imperfection at the very creation. I think that the dimensional shape of our universe is today a perfect one.

Our whole galaxy which is plunged in one of the dents crated with the very Big Bang (along with all other galaxies and clusters of galaxies) moves with the general and constant expansion of our universe due to prolongation of 1D spaces. The 1D strings do stretch with time at a constant rate as our universe expands in its constant rate. One more time to repeat these dents are everlasting since all the strings are presently changing its length at a constant rate (and this is all due to the dimensional imperfection at the very birth of our universe). If the dents in its constant resettling due to general expansion collide and merge one with another the same would do the galaxies trapped inside. They are on a constant move. The same thing is valid for the

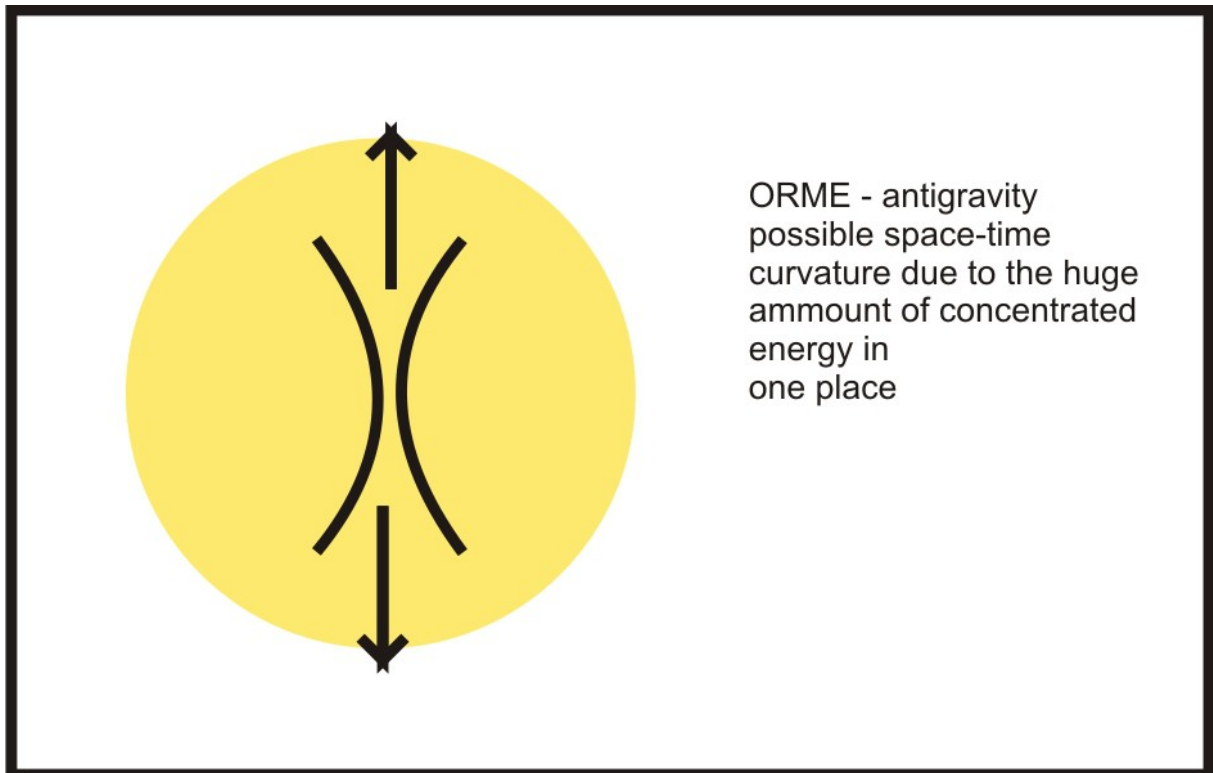
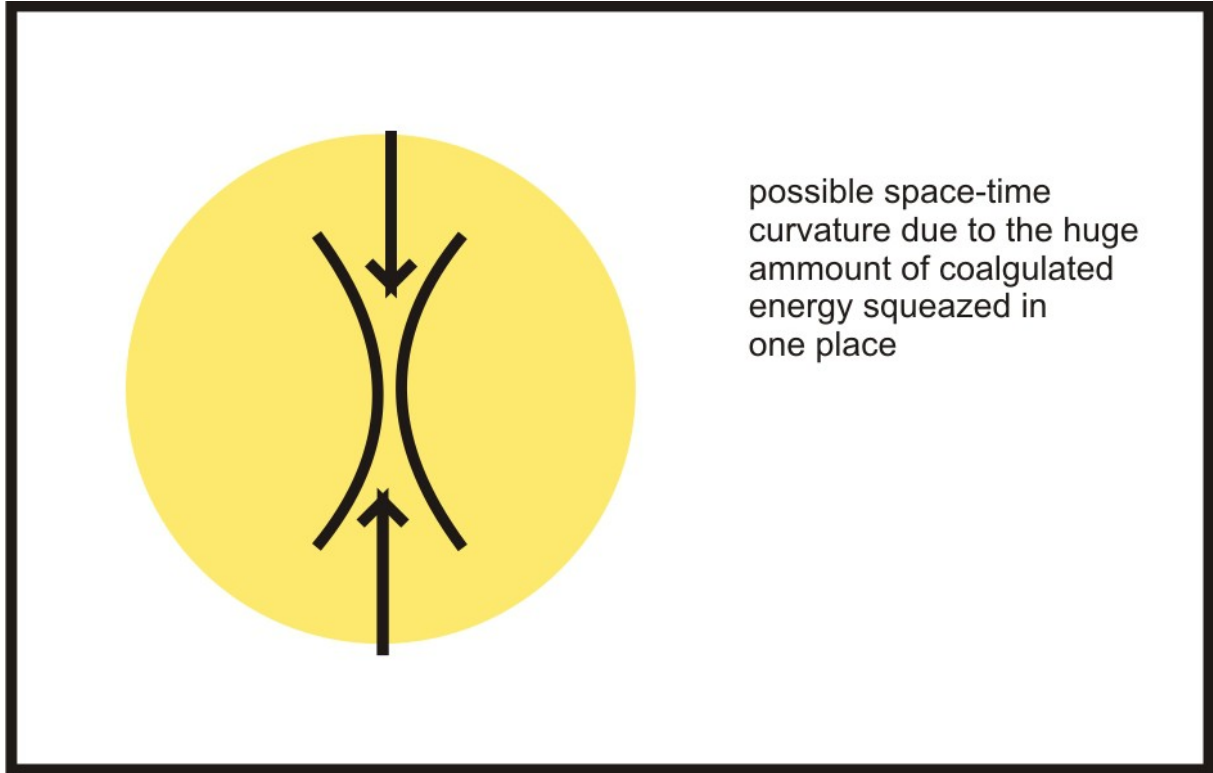
clusters of galaxies too. Bumps are simple perfect dimensional curving but I perceive it as bumps since the all the matter simply bumps on it and being rejected.

One more time – those dents move with expansion of universe, all the matter moves with the expansion of universe and it is trapped inside those dimensional dents (along with bumps which are simply perfect dimensional curving and against which the matter simply bumps off) and it creates the expansion rate of galaxies, the Dark Flow and our universe liquid.

The only reason why our planet has its shape is because the fields that give length to the separate 1D spaces which are wrapped around our planet, make impossible for the same 1D strings to change their length. They are making pressure from all sides on the matter of our planet trapped inside. That is why I said attraction and rejection. The matter is being attracted by itself and rejected by to this force field. Or better – it is being squeezed in itself by this force field. Matter or coagulated energy in this case must also have a field that represents it. Simply, our planet is, along our galaxy, also plunged inside of one of those dents in which the length of consisting 1D strings is set more loose than in the other parts of universe of universe which I call bumps.

There is one more thing. Why the stars, planets and galaxies rotate at all? I think that the whole universe is rotating – dragging along bumps, dents and all the matter into rotation. And I am talking about some form of rotation within the universe itself. It has a spin. Just imagine – if this universe has one more dimension encompassing the 3 that we know of, their dimensional interaction in the rotation of that form would drag all what is inside along. And I am not talking about rotation in one direction like our planet revolves around Sun.

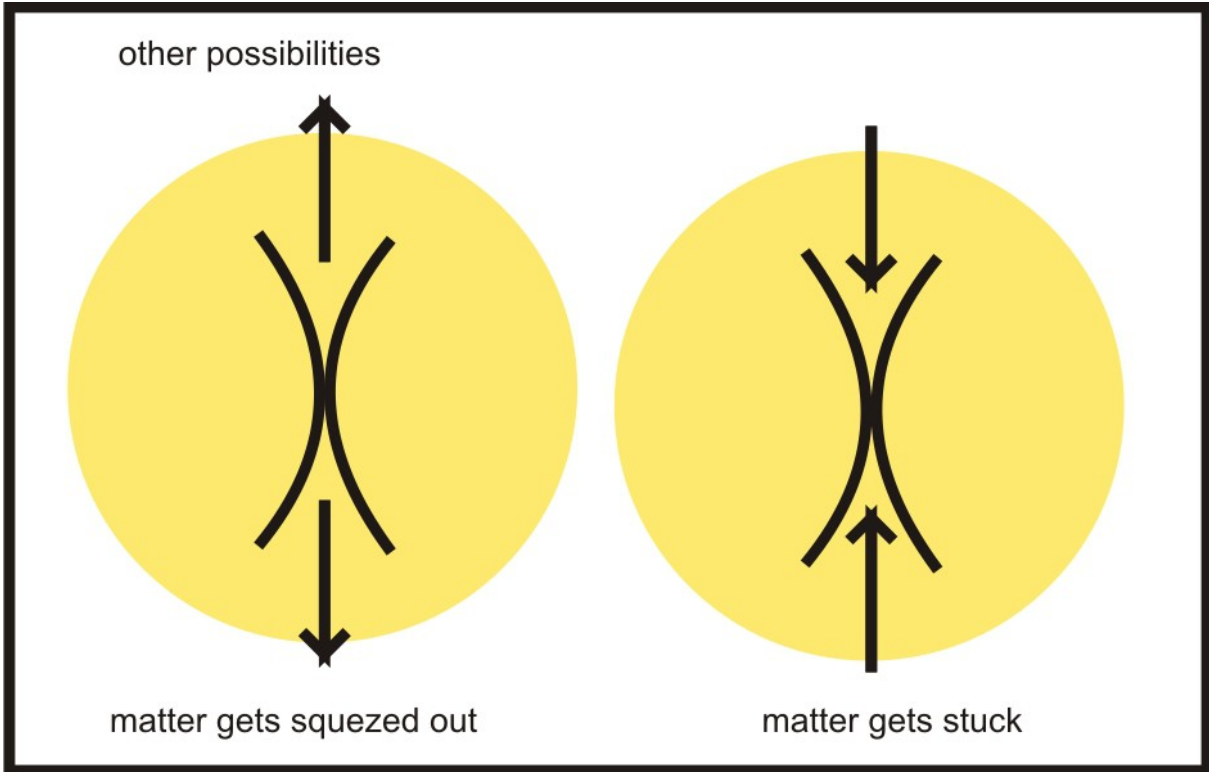
Why planetary systems form exactly as they form? Somewhere there is a bigger star with many smaller planets, somewhere there is a smaller star with few bigger planets and many other possibilities. Along with the possibility for existence of the dents there must be inside of them areas with different dimensional tensions, areas where gasses get trapped and solar systems get born. If the dents were completely dimensionally uniform I think that the whole matter would be caught somewhere in one point in the middle.

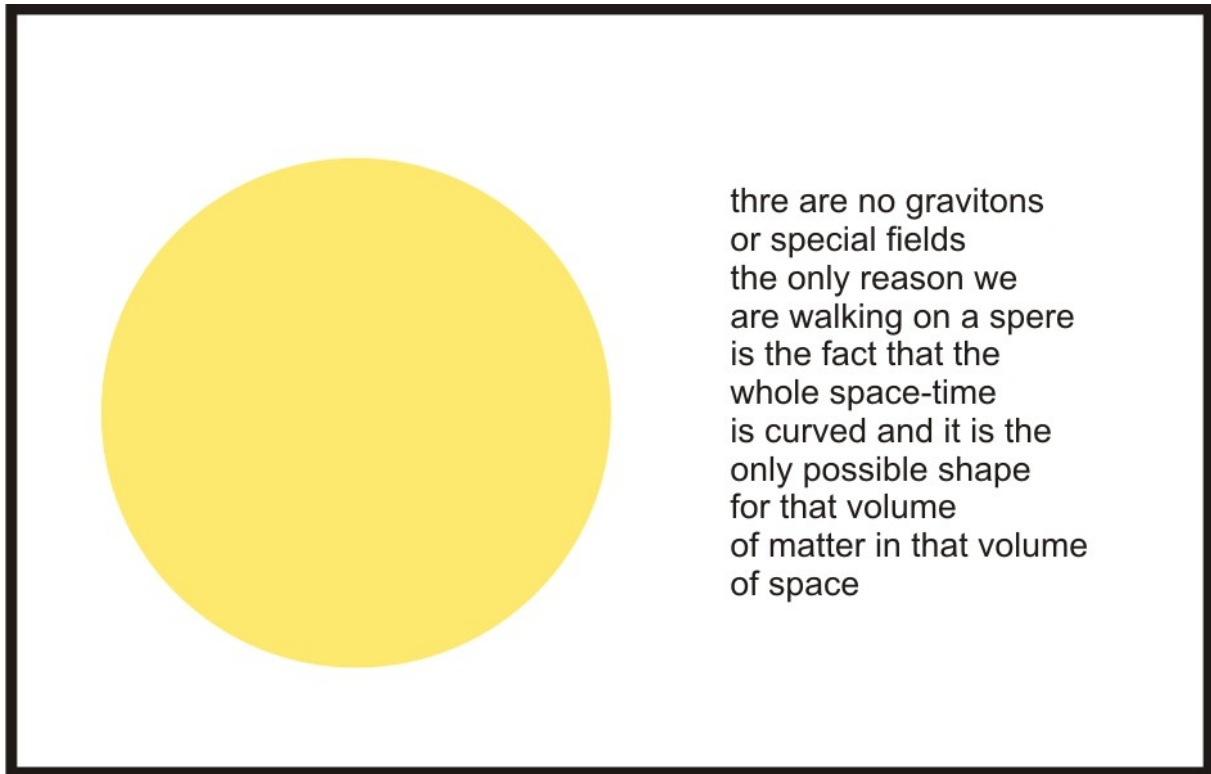


This above is only hypothetical – meaning what would happen if the lines of dimensional influence would be by some energy turned into opposite direction? I mean instead to squeezing the matter to start ejecting it.

Here is how I imagine antigravity. Lets say we are in a space ship and we start adding energy into 1D strings in front of us. We start adding enough energy to bend the strings so that we simply open something like a gap and keep the energy. The space ship would start falling through the gap and the speed of light, dimensional curving and no other physical laws in this universe would mean nothing to that ship. The ship would simply go the speeds exceeding the speed of light – depending how much energy it invests. The same would happen if in one point in the space (I mean from your perspective) if you start adding that energy in the direction beneath your legs or above your head. Your ship would be simply falling through a dimensional gap. Here I am not talking about some great curving so that planets, stars or systems can detect it or that it would influence them at all. Just enough for the size of one ship.

This all is theoretical of course.





there are no gravitons
or special fields
the only reason we
are walking on a sphere
is the fact that the
whole space-time
is curved and it is the
only possible shape
for that volume
of matter in that volume
of space

One more time – particles are not particles at all. Light is simply a distortion, wave in the sea of energy and we perceive it as a particle due to the way we conduct our experiments. There is no spooky action at a distance because the photons are not separated at all. This is simply one disturbance in the sea of energy.

Breaking of particles in accelerators simply creates more and more virtually non-existent and irrelevant particles. They are in deed creating virtual particles. That is all what they currently do. Anyway, somewhere in that process there must be an answer for how fields work. When I say fields I do not speak about conventional and traditionally known fields. I am talking about completely new physics which would make for us possible to finally understand how universe works and enable us to do space travel. I know practically that we do not understand fields – I mean I saw some things happening which could only be explained through a completely new field theory.

We all have a problem. Science is right now a religion. Just think deeper about it and you will see what I mean. And I am not the only one who said that. That same science has its inquisition and inquisitors. They deliberately brake the progress of human kind. There must be a reason why they do that.

We humans are really still primitive. Just look what we do to each other. We human beings are bigger and we must unlock our consciousness. It has started happening and I guess I am among those people. We are energy – all of us humans.

There are people who, for a difference from me, are scientists – just to put this all straight since you are most probably going to start to ridicule me. I just want that real

scientists read this and maybe get some new ideas and finally move modern physics from a stand-still.

I hope you enjoyed reading about my model. I am positive that the universe has 4 dimensions and that it is filled with energy. There is no such thing in this universe as an empty space.

Best regards

Senin

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