At the beginning I will try to define the basic things my theory.

The most controversial topic is time.

Therefore, let's try to answer what is it this time?

Time is just changing space. These changes once in a "time"). Top imagine frames of film one frame is present next frame is the future and change. Of course, this faster than in the cinema. In the cinema frames follow each other at a rate of 24 per second. Our reality is changing much more quickly. I bet to the "speed" which defined the Planck - Planck time.

If our time is changing behind a cage, we can’t forgive himself creating various theories of the time the wonders of wreaths.

Of course, if we analyze the time this question arises. What is the time dilation?

Time dilation is confirmed by experience slowing down the passage of time for objects moving with "some" speed. This is best seen objects moving at very high speed so lightspeed. But what is the slowing of time?

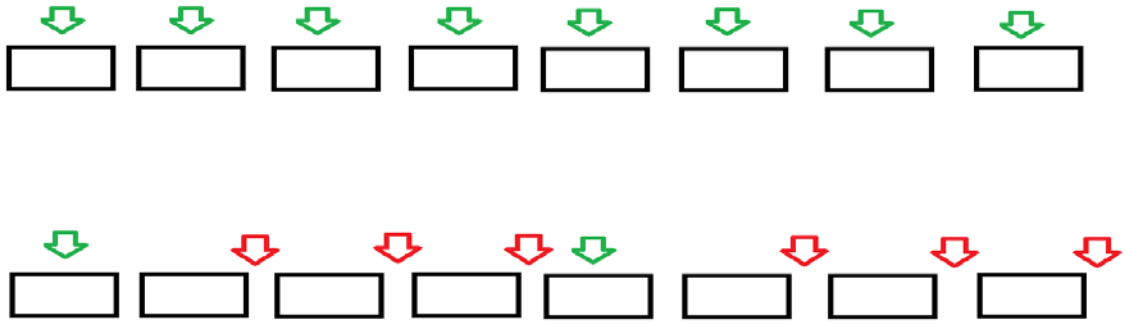
But if the time is changing reality is where the slowdown?

The answer is very simple.

Imagine a part of our reality and assume that she is not moving.

Our time frame is followed by equally at each and every frame is made some change. Here you can cling to, that change is the move but leave it because it is a contractual situation ....

For our thought experiment .



The first figure shows that the arrow changes to get in our frame and everything is perfect. The changes systematically frame by frame. In the second case, not all the arrows hit the frame because the subject is moving. Due to this movement only some arrows may hit.

Thus, the first image shows that changes have occurred for each frame. Second, only two have changed. Hence? The changes that have taken place at the second picture are smaller. So "time" has slowed.

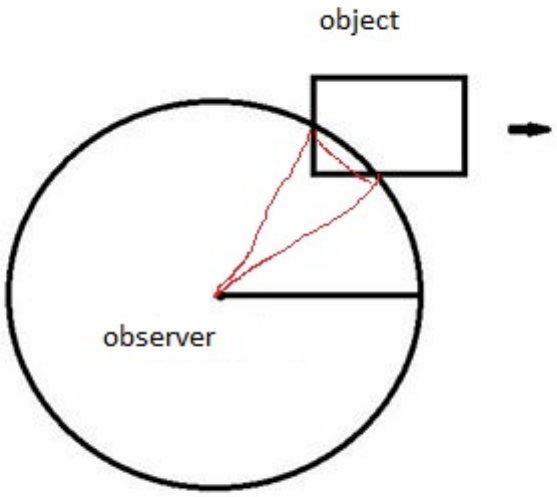
Why slow down? Because only when we hit the "frame" can change something like this will not change can’t occur. The faster we move, the less often we will arrive at our "frame" and less often there are changes.

What is interesting if someone who will stand on the side will be watching this would say that the second case, move slowly. But the one that will move not notice any changes at home. He will think that moving normally. Do not observed slowdown.

I hope that sounds available.

If not, you can try to explain it another way.

It has to do with shortening the length. During follow-up property data moving at high speeds come to us batches. This is illustrated in the drawing in which only part of the information about the object comes to us in the same basis of time - in the same interval. Therefore, it is impossible that such an object can make some change because change can take place only when the object is in the same interval. The sooner , the less often it happens. Hence slowdown.



Of course, it begs the question . Why the need for more energy ?

The answer is simple. If we count the energy for such a facility , we can’t directly benefit from our titers.

Because second for someone who will move with some speed does not equal the second someone who is not moving . Changes occur faster for someone who is at rest but one that does not move as if it needs energy consumed her for change that have occurred (not shot at frame) .

He waited out the possibility of changes but that does not mean that for free. Energy has been " consumed to " standstill " in the same way as if hit in its frame.

Thus, counting the value of the energy for such a facility must use his calculator seconds, or correct it with the help of the Lorentz transform .

The formula for energy are :

$$E = \frac{m * v^2}{2 * (1 - \frac{v^2}{c^2})}$$

This is the standard formula for kinetic energy, Newton only takes into account the Lorentz transformation on time . As mentioned above, the corner is the only time that has elapsed for each object. So our change

Therefore, given the different time for objects moving at different speeds (one facing the other moves) we do not need to enter the type of inventions increase the weight of the object.

Einstein explained the increase in power consumption increase in weight relative to the weight of the rest . But it is not mass increases only time dilation "increases " the demand for energy.

Simplistically . If different objects moving at different speeds is not possible to use the same titers for both . At low speeds , you can skip as did Newton and use the formula :

$$E = \frac{m * v^2}{2}$$

Because the difference is microscopic and can be omitted . In the case of high-speed differential in the 'changes' it is huge and then applies the Lorentz transform .

Of course , Einstein derived the formula for momentum , which has the form :

$$p = \frac{m * v}{1 - \frac{v^2}{c^2}}$$

And who can easily be deduced from the first formula - without miracles.

To prove this , we can use a muon .

We have the speed of light c = 299792.458 km / s

Muon decay time t_m = 2.19707µs

An example of muon velocity v = 0,998 * c then v = 299192.873084 km / s

We will take for the calculation of path that we can beat muon it comes to us:

s = v * t

After substituting the result is s = 0.65734677369806 km

A muon travels a lot more .

It is caused by dilation time- object flying at a speed close to the speed of light, time dilation occurs . So we take the formula for time dilation and calculate how much time has elapsed indeed.

$t_r = t_m * \sqrt{1 - \frac{v^2}{c^2}}$

tr – “our” time

t_m – muon time

From calculations show that the object flying from 0.998 * c for us to reach it's time t = 2.19707 microseconds, but the pattern we see is that he just disappeared 0.0982558 microseconds, or muon has not yet fall apart, because he has the time.

Substituting t_m / t_r ratio is 22.3607156, as much time is passing slowly for an object moving at 0.998 * c.

So in your system muon will continue falling apart at the time of 2.19707 microseconds, however, we observe the disintegration within 48 microseconds. If the time goes by so slowly, it can travel a long way to disintegration time and stays for a longer 22.3607156, some 14.698744 km and this phenomenon is observed that muons produced in the upper part of the atmosphere reaches the Earth.

With this data it can be concluded that the speed of light for the 2 systems inertia is different (but varies only with the same titers. Because it is the same but the time is different. We have the same way s in both systems, inertial, one system call "earth", and second call "muon"

Time for these systems is different, in a single chip time passes 22.3607156 times slower if we have different time then we have a different speed - with the rest due to the pattern.

v_m = speed for the "muon"

v_z = speed for the "earth"

$v_m = \frac{Vz}{\sqrt{1-\frac{v^2}{c^2}}}$

The same can be calculated with the formula for time dilation , and the result is that

v_m = 6690157.345919793 km / s - using our measures

Or approximately 22.3607156 times greater than that observed for the "earth"

Going forward speed of light for the " muon " will be c_m = v_m / 0.998 = 6703564.474869532064128256513026 1 km / s

Patterns into kinetic energy and momentum :

Kinetic energy:

$$E = \frac{m * v^2}{2}$$

Including the effect of time dilation we must substitute for speed s / t Lorentz transformation for time

Come out to us that:

$$E = \frac{m * v^2}{2 * (1 - \frac{v^2}{c^2})}$$

Momentum

p = m * v

Relativistic momentum

$$p = \frac{m * v}{1 - \frac{v^2}{c^2}}$$

The next thing that is associated with this time a photon ?

First, Einstein came up with that gravity bends electromagnetic waves, which, moreover, has been confirmed experimentally. But the conclusions we drew were no longer so brilliant. To make the mess in this brilliant argumentation, incidentally, he invented it as a means to bend light distorts time? Here he pushed the boat because how can bend the changes ?

Poorly defined light and work out what worked.

To this boiled down to a simple definition of need to reject the interdependence of light and time.

The fact that a large gravity bends the path of electromagnetic wave does not mean that curves space.

Today, many physicists wondering how curved spacetime using the erroneous conclusion Albert Einstein.

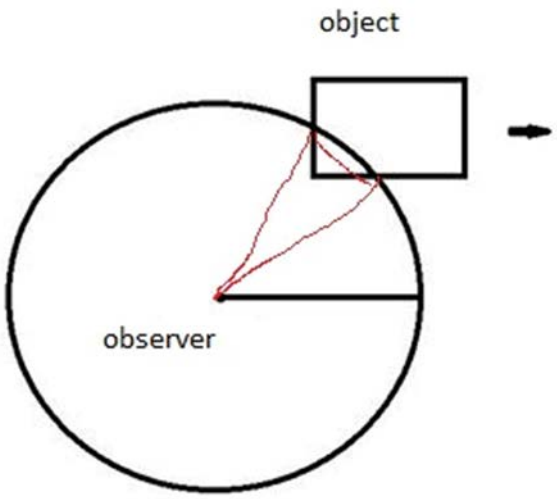
There are also experiencing the well-known physics Ph.D. Ronald L. Mallett'a. It is trying with the help of lasers "vortex" to create bent space and turn back time. For reasons that guided me and tries to go back in time for an error thought of before 100 years makes such a solution exists.

Here you have to leave, however, a question mark because I do not really know what it is that an electromagnetic wave, and it has properties. So a gate can be opened but only because of the lack of data, and not because of wrong assumptions.

There are also experience with the time change associated with gravity. Following wide-spread way of thinking put forward proposals that gravity changes the course of time. Here I had a problem because it was considered that none of radioactive decay is constant and experience with atomic clocks have to confirm this. However, by analyzing what happens to the radioactive decay of black holes it must disappear because it would not allow the creation of any such distributions.

However, it was just guesswork. Finally, with the help on this issue, scientists came to me Ephraim Fischbach and Jere Jenkins Stanford and Purdue universities. They noted that flare the Sun affects the radioactive decay constant. Thus, there are factors which are capable of changing solid. Maybe gravity also has an influence?

The next thing you need to explain the occasion time and the downside is the so-called length contraction. Physics describes it as enigmatic and do not really know why this is happening. It is used as it is not known what and how to explain. So what is the length contraction.



As can be seen in the drawing, comes to us only a portion of length information for an object that flies at high speed. Here is an analogy of our frames of the film. During one frame gets us only part of the information about the length of the object. So we see a piece of this object because the rest will reach us in later frames. The faster the object will move in a shorter length because we will observe all the information about an object reaches us in the next cages. However, observing in the frame, we see only a fragment. I hope that I managed to somehow easily explain.

The next thing that sometimes is associated with the so-called entanglement.

Einstein himself described it as an infernal impact at a distance;)

Confusion is the fact that two photons or electrons are entangled with each other or are somehow related. Interference in one object causes an immediate change in the other regardless of the distance. Physicists estimate 'speed' reaction to a few billion kilometers per second or faster, however, and are not able to measure this because I will not allow this technology.

To explain this phenomenon one must assume that with the speed of light, time does not exist t = 0s. They can't make any changes because we never we will get in our frame. At the speed of light, there is no past, present and future. Of course this is only the light (electromagnetic radiation). So why confusion in the electron?

Confusion is done using the laser, therefore, light. We do not know yet the principles of the atoms and particles, therefore, it remains to be discovered. Entanglement is timeless.

What does it mean?

This means that the entangled particles spin change in the future, the change also applies to its past. He describes this experience Yakir Aharonov'a and Jeff Tollaksen'a. They explain it in a very mysterious manner but "must" stick to Einstein and the principles we have ever invented.

The truth is that at time zero we have no past, present and future. So what do we do with the particle is timeless and can be used to leave his information from the future. - Our electromagnetic wave takes all the frames of time from the confusion to infinity. Therefore, any change in the spin changes and past the inception of confusion to infinity.

If we assume that the light does not have the time you need it clarified.

Not every electromagnetic wave flies with the speed of light.

The question is why?

That's what we see in the sky has nothing to do with stunning images we see in catalogs and on the Internet. The starlight is white. In addition to the flicker of some stars seen in the sky (this is caused by refraction of light in our atmosphere and other factors that picture that makes, for example, the Hubble Space Telescope is only black and white. This is where the picture?

Analyzed the light spectrum invisible to most people or infrared and ultraviolet.

Based on the analysis computer programs who earn money infrared colors to black and white photos. So why is this happening?

Scientists explain this using the Doppler effect.

Why further we see the color white?

The color white is a component colors from violet to red. To see it proposes to play free programs for graphics. There is no blue or purple color as soon not get white color.

Thus, if we do not have all the components that do not get white color. A galaxy lit in white, plus an additional infrared.

That part was Doppler effect, and some do not.

This question is not answered in the physics world. But are you sure?

We will return to this in a moment. Because on the wallpaper appears dark matter and dark energy.

Where does it come from?

Well, the problem of infrared analysis. The farther the galaxy is observed that the greater is the offset. So the tide is getting longer and longer. The analysis of this phenomenon using Doppler explains one. The farther away a galaxy, the faster they move because redshift is greater. A study out extremely distant galaxies says one thing ..... .Move faster than light.

We either believe in miracles or think about it logically. If not all waves move at the speed of light it for some time there and can "disperse" or extend your period.

And so it is observed. Because the issue of infrared galaxies we see also white.

The more the wave will take the time it will spread more and redshift will be higher. What is more interesting such a wave can “spreads” and once a distant galaxy's light reaches us that not only as a wave infrared to microwave radiation, or even less;)

In conclusion. If the redshift would be effected by means of Doppler is not we would see white stars. Space would be colored because different galaxies are flying at different speeds and are at different distances from us. The sky would be colored with a predominance of red. It isn’t. But we have to keep what already invented;)

Therefore, if we decide that an electromagnetic wave, which does not fly at the speed of light can be " spreads" then we have a problem;)

We do not need dark matter and dark energy to describe the cosmos, and we do not have shit to say that far galaxies are flying at a speed of superluminal.

Now you might guess, we do not need to describe the dark matter universe. Because you have to ask yourself.

If dark matter is 10 times as much as a "normal" why Newton works in the Solar System with the same amount of dark matter, why does not work in other galaxies?

Maybe Universe isn’t flat ;) Maybe Cosmic background radiation came from galactic and other stars? ;)

Universe we observe becomes less mysterious and easier. Although more dangerous.

Dariusz Dudało