

Mass Charge Energy

As you sit here reading this article you may think that you are stationary, or if you think more deeply you may say. I am on earth and earth is rotating at 1674.4 km/h and it is going around the sun at at 1788 km/h. We may even say the sun is also moving and the whole galaxy is moving.

All the above is true but that is insignificant to our true velocity.

As you sit here every electron in your body is a beam of light trapped in a sphere, like the motorbike rider in the circus, riding around and around in the sphere.

You are going at the speed of light, only you don't realize it. So is the earth, sun, galaxy, universe.

You may not be going east, west, north, south, in or out of this page but you are going at c the speed of light.

The sum of all these billions of momentum's is what we perceive as mass and charge.

The assumptions of this theory is that the only thing in this universe is goo (aether) and energy (light) and there is a push and pull.

There is no north pole without a south pole. There is no positive charge without a negative charge.

The electron is a magnet. Depending on the angle from which you observe it, you will see a north side and a south side.

The whole universe is being presented at one Planck time at a time . If our ancestors had known what we know now. Our units would be different for, meters, kilograms, charge etc.

All things are mass-less

The mass of a mass-less particle like a photon: $E = mc^2$

If $c=1$ Then $m^2 = E^2 - p^2$ mass, Energy, momentum.

The big problem is that everything is mass-less and charge-less. When we say an object's mass is one kilogram at rest, what we really mean is that the object is one kilogram at the speed of light.

The mass of a mass-less particle like a photon is not logical. There is only momentum.

The universe is mass-less when stationary, indeed it would cease to exist.

Mass is a phenomenon that appears because of the natural speed that the universe is presented to us..

The whole universe are vibrations of light. Plank's units have been chosen as the natural units, which makes sense, but misunderstanding still exists.

To gain true insights into the the system that runs the universe we need to understand that it is absolute, not relative. We cannot go below the speed of light because it is the speed that the universe is written at.

What we call a body at rest should be a body at c the speed of light.

When we say a body is close to the speed of light say $0.99*c$ what we mean is that the body is moving at $1.89*c$.

c^2 is a very important factor, one c^2 means the area light spreads in Planck's time.
 One c^3 means the volume light spreads in Planck's time one cubicle of light, has a certain energy and hence momentum.

$c = \text{Planck's length} / \text{Planck's time}$

What we call the rest mass of earth is the momentum p times c^2 .

$$\text{Mass earth} = p * c^2$$

Now don't believe that you can go the opposite way to light and in doing so travel a little less than the speed of light.

Any direction that you decide to go the speed of light will be added to your velocity, because this is not speed like we are accustomed to, this is the rate that adjacent cubicles are written, the rate of spread of information.

Every object is made up of tiny beams of light going in all arbitrary directions therefore to slow an object below c you would have to apply resistance in all directions. If you bring an object to absolute zero velocity you would liberate all the energy and the object would cease to exist.

If you change the velocity of an object you will offset every tiny beam of light in the object. This can only add to the original velocity of c , it cannot subtract.

Einstein was a genius to express this concept, without really understanding the underlying reason behind it.

What we call a mass increase due to velocity is normal; nothing strange about it. It is real.

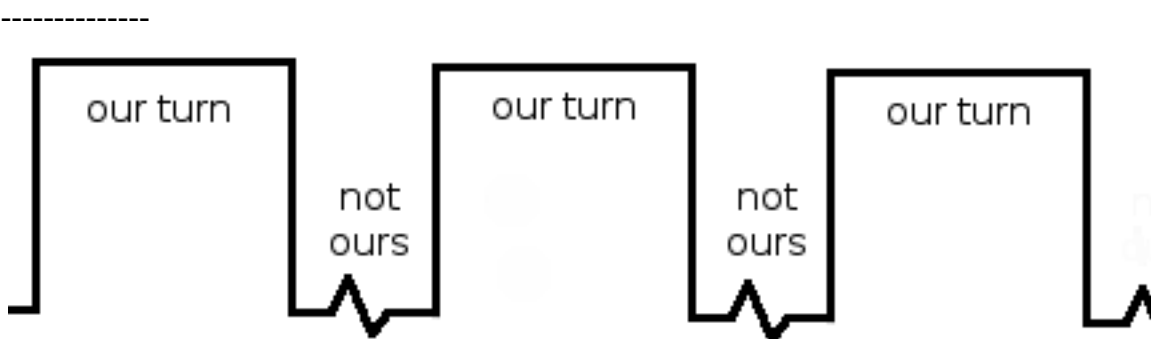
The apparent mass of the earth is simply due to it already traveling at c , every electron in every direction is going at c , and the whole universe as well.

You cannot slow down the internals of it, you can only add an offset which we call momentum.

This offset can be subtracted like if a brick came in contact with your head, but not the internal momentum

Our universe only exists for one Planck's time. When it is our turn we get a Planck time, this is when our universe exists. It could be a thousand years between our time slots and we would not know, we would not age and we would not exist. The same goo could be busy representing other universes in this time.

Clock



When we move, our location is updated one Planck's time at a time. This makes c the minimum speed

an object can travel, this means that we are already going at c just to exist.

This limit of c is not a limitation of the universe. It is the method chosen to animate the universe for us, otherwise we would see things popping up out of nowhere.

This brings cause and effect into our world. And also an arrow of time. Without this the egg could float out of the frying pan and become whole again and back into the chicken.

By now you realize that what we are, and all that we sense is a simulation, which we sense as reality. Our turn is when our universe exist, and all things happen. Life as we know it has to be predictable or we could not exist.

Just imagine the lion chasing after a deer and it disappeared in thin air. We need cause and effect to survive. Hence our universe is animated, our time slots is very small, so that our world does not appear jerky.

Our slots are $5.39124e-44$ seconds each which is way beyond the perception of any living creature. This means $1.8549e43$ occurrences could happen in one second. However if we decide to accelerate what we call particles at tremendous velocities then weird things start happening.

Planck units is a more viable unit of measurement. We consider the speed of light as one, time as one, then light will travel one unit of length in one unit of time. Of course we will have to convert them back to real world units so we can have an idea of the range of things.

Planck length is $1.616252e-35$ meters, to represent one wavelength in that time, the maximum frequency would be $1.855e43$ Hz.

Violet light is only about $4.3765e14$ Hz or about 685 nanometers . The number of cycles that could be represented would be $4.2382e28$ in the violet range.

When an electron is moving at near the speed of light we can get weird results which we will examine in details later.

With relativity the total energy of an object is $E^2 = m^2 * c^4 + p^2 * c^2$

With classical mechanics the energy of a moving object is $E = (1/2)mv^2$

An object of a certain mass moving at a certain velocity has a certain amount of energy. If we use this energy to do work the object will have used up all of its energy when it's velocity reaches zero, but the so called rest mass energy will still be there.

This zero is really c the speed of light, not true zero. Which would be zero with respect to the goo. For you to bring the object to rest completely with respect to the goo. You would need to go inside of it and stop every tiny light beam inside of it. Then you would get mc^2 energy and the object would cease to exist.

However the most we can do at present is bring it down to c. You cannot hold back your friend on his bicycle any more than the speed you are going with yours which is c.

This is the new gravity charge equation, there should be no gravity or charge. It should be only energy, but we are stuck with these units, until the powers that be decide to modify them.

I guess most people would object to buying fish by the Joule as we don't know how to liberate all that energy yet.

$$F = M * m * c^3 / \hbar * ((r / \sqrt{r + v}) - 1)$$

v is the area light spreads in one Planck time. Which has dimension of distance times distance area.

However all dimensions cancel out to just a number, a ratio of areas.

$$v = 2 / (1 - (v' / c)^2)$$

where v' is the relative velocity of the objects.

moving charge or gravity

Gravity and charge is the same phenomenon, the only difference is that 99.. % of the charge in a body cancel out each other and we see the remaining stray charge .000..1% as gravity.

The push and pull works, so no more one way gravity. With one way gravity the universe would either escape to oblivion or collapse into a big crunch.

$$Lg = c^3 / \hbar = 2.554971297875777e59$$

$$\text{ratio} = \text{electric K} / \text{gravity G} = 1.346594956759068e20$$

We compute all as gravity, and if we need a value for charge we just multiply the answer by ratio.

- c speed of light
- r radius distance
- p Plancks length
- M m mass
- v velocity

$$2 * M * m * (c^3 / \hbar) * ((1 / \sqrt{(1 - (p/r)^2 / (1 - (v/c)^2)}) - 1) \quad \text{Ruckos equation}$$

$$(Q * q / (4 * \pi * e0 * r^2)) / (1 - v^2 * e0 * u0) \quad \text{conventional equation}$$

$$2 * M * m * (c^3 / \hbar) * \left(\frac{1}{\sqrt{1 - \frac{(p/r)^2}{1 - (v/c)^2}}} - 1 \right)$$

Examples for independent verification

	conventional				Rucko's
$(1/(4*\pi*e0))/(1-(.99*c)^2*u0*e0)$	4.51635766682548e11	v=.99c	r = 1	q = 1	4.51636e+11
$(1e5*1e7/(4*\pi*e0*1e-23^2))/(1-(.99*c)^2*u0*e0)$	4.51635766682548e69	v=.99c	1e-23	1e5*1e7	4.51636e+69
$(1e5*1e7/(4*\pi*e0*1e-23^2))/(1-(.578*c)^2*u0*e0)$	1.34965247684122e68	v=.578c	1e-23	1e5*1e7	1.34965e+68
$(8.5e9*3.6e3/(4*\pi*e0*4e13^2))/(1-(.99*c)^2*u0*e0)$	0.008637534037804	v=.99c	4e13	8.5e9*3.6e3	8.63753e-3

You can now see that the push and pull explains everything. Gravity is an electromagnetic wave. Moving charges produce electromagnetic waves, everything in your body is going at c even if you are going nowhere. The speed limit of c really means 2c. If an object is going at .9c that means that it is really going at 1.9c.

At c which the whole universe is going, even if it is not going anywhere the magnet field is very weak when you accelerate an object (every object is a charge) the charge creates an electromagnetic field.

The faster the object moves the more the induced magnetic force builds up so that when the object approaches 2c the magnetic and electric forces which are at right angles to each other cancel out.

The object will no longer have any mass or inertia or existence.

So I do not say that you cannot break the light barrier but where will you be.

That which was holding you together is now left behind you including your space ship.
Rucko