

I am Einar Thorsteinn, from the third planet of the solar system, Sol, and I am now reading out to you some thoughts, from the city of Luebben in Spreewald south of Berlin, in Germany, in connection with the art exhibition: Aquamediale 2005. Those are a part of my here exhibited art piece:

Measurement of the Speed of Light in the Luebben Waters

I consider the human being to be a "mobile thought production facility", moving in an endless mass of different thought energies and will thus be influenced. – This art piece adds another thought to that, which meaning has been manifested through the effort of some colleagues and myself.

Are you aware of it that light moves slower in water than in the atmosphere of earth, and must therefore also move faster in the vacuum of space than in the atmosphere of earth? One has obviously never been able to measure the lastly named speed of light, but still the accepted theories proclaim that the speed of light is a constant.

New scientific measurements in space now hint at it that just after the Big Bang the speed of light was very much greater than we now take for granted.

Obviously there is something about the accepted theories of today concerning this that does not fit and this gives us a reason to do some research here and then to give some new thoughts a free play.

In connection to this art piece, we will now present a new theory: the Luebben Balance of Force Theory for the Universe or for short: the LBFU-Theory.

We want to know, for instance how matter, energy, electricity and gravitation function together in space and during time? Is it for instance absolutely clear, how our solar system works concerning the forces and energy at large? Theoretically we may perhaps say yes; but are those theories also correct?

Let's mention here briefly that we will quote the famous scientist, Albert Einstein, on just one point, then his most important input into world of science was without a doubt his confirmation that: "we must never stop to ask questions..". This we take to our hearts, but will on the other hand, let many of his other scientific theories pass us by as so many exchangeable thoughts.

Because of our own future, it is very important for us to know here and now, if the accepted theories of today are correct or not?

After we have now realized that the speed of light cannot be a constant, we will next take on the theory of gravitation.

Gravitation and the proposed application of force through that in our solar system did scientifically speaking have a need for a phenomenal medium at the outset, the so-called ether, to be able to work. Then any application of force, through tension or pressure, for instance between earth and the sun, certainly would not function without a matter related phenomenal influence between them.

The later "gravitational field" is on the other hand something not directly sensible, also not with any known technology and therefore factually lies without the general working field of the sciences. This gravitation field has now supposedly explained the stability of earth in its orbit around the sun with the assistance of the centrifugal force?

Stability perhaps yes; but what on the other hand, gives the planet its direction in orbit and which force does the work needed, in order to keep the earth going?

It is obvious that our globe needs both tension and compression forces in order to keep its general, secure distance from the sun and not to fall into it. Science finally accepted the idea of the centrifugal force as the force working in balance with gravitation. It is certainly in place here, but whether such force can do the necessary work needed, is more than doubtful.

When one swings a stone at the end of a string around oneself, the general explanation is that the string represents the tension or gravitational force and the centrifugal

force is then accepted as the compression force. But the person swinging the stone is the third force involved here. This is the force that gives the stone its direction and does the work, but this is generally forgotten.

It is quite logical to say that when an object or the earth, has been given a velocity that it will then move, but is wrong to say that this velocity could have come about without a working force. And it is still worse to proclaim that this would go on without adding any additional force to it. Then in any case there is a loss of energy here, through accepted influence of the proposed gravitational field of the sun.

What is now the full consequence of this accepted reasoning that the solar system works in this way? - When all points of an object try to fly away from its center, then the same size, opposite force to the gravitation field of the sun – what is now the centrifugal force – must just cause an energy loss and our planet would finally stop.

One must not forget, that this energy loss is double, then earth is influenced by two types of centrifugal forces: first through its own velocity in orbit, and then through its own rotation on its axis. An object cannot work without application of force. When we now say in a roundabout way - or in order to get around this unsolved case - that the earth itself supplies this lacking force somehow, then our complete physics, thermodynamics included, would be false.

How then does the solar system function as a force system?

Because of the now observed insufficient application of known forces between the sun and earth, our proposed LBFU-Theory says: gravitation as a description of certain known results to an object in space by a force, is a fact, but it is not a single basic force, side by side to the other three main ones of physics, but a collection of many different forces and conditions.

Thus what science now calls gravitation, we maintain is principally just a difference in the density of objects. Secondly added to that, comes the influence of temperature, then high temperature has a great influence on the density of objects as well as their magnetic properties.

A sensible question at this point is of course this: why is it that we can observe the tides, if there is no gravitational field?

The answer to that question is curiously simple. The accepted theory says that the tides are tensional gravitation influences of both moon and sun on the water masses of earth. But at the same time there follows an explanation: that their influence only occurs with delay. - Why is there a delay? – At that same instance, the moon for instance is directly over the water masses of earth and its light - a reflection of the sunlight - forms through pressure waves exactly there beneath a round valley into the water masses, which additionally begets a higher circular wall of water around that valley. This water wall can certainly be interpreted as a high tide and we can now see that the delay in time of the movement of the water wall to the supposedly high tide location, is exactly the time it takes for the water wall to move with the moon, one radius length of the said water wall or pressure ring!

We can now add that this occurs because matter is made of “standing waves”, as we will go into later here. Heat makes the frequency of standing waves grow, i.e. of those bounded electrons involved, and they become lighter and try to move out and will also give off some light in the process. – One can also put it this way: heat has influence on the density of matter. A good example is boiling water.

We know that the so-called gravitational field does not hinder objects with lesser density than the medium they are in, from rising off the surface of earth and also that objects with higher density fall more rapidly in air than for instance in water.

The third item that plays a role here, is the mass of the earth atmosphere, which we also take into our LBFU-Theory. Added to that comes an important new phenomenon, what we will call here earth's „electric fluid“ or „magnetospheric plasma“. Through this phenomenon the earth's field of influence reaches far wider out into space, than its known atmosphere does. - This is proposed here as a theory, then this has still not been fully confirmed.

Then we furthermore have the vertical part of any object's magnetic attraction. Our LBFU-Theory says that this kind of force influence exists between all objects. This is not only dependent on the mass of the objects in question, but also on their total magnetic qualifications, i.e. by the fact that matter is standing waves, and therefore also on the electric fluid belonging to each object. This is what keeps constant the velocity of falling objects in vacuum.

And finally, and the most prominent in our LBFU-Theory: there exist in space the universal pressure wave, and its easily recognizable influence is what we generally call gravitation. This is what has the greatest direct influence on all balance of forces in space and works the same on all galaxies, suns, planets and moons. The universe can therefore be compared to a "limitless pressure chamber".

The last one works in detail in such a way, that any object in space can only maintain the same pressure from all sides with a good distance from other objects and can therewith keep a balanced status or movement. When an object comes so near to another one, maybe bigger one, that the pressure wave from the same side is „shielded off“, then a force-vector is formed in that direction and the smaller object is pressured down onto the larger one, or goes in an orbit around it. For instance a meteorite falls down onto earth and becomes a part of earth's mass.

It is the same universal pressure wave that keeps the atmosphere at the planet's surface. If it would not exist, the planets would have no atmosphere and no life would for instance exist on earth.

Still another irony for science is the fact that the Saturn-moon Titan, also has visibly a dense atmosphere, and still Titan is just a little larger than our moon, which according to the accepted gravitational field theory cannot have any atmosphere!

The most important part of our new LBFU-Theory, is what concerns the application of force in space: the electrical fluid of all planets. This can be understood in such a way that it is fundamentally the total magnetic field of a planet, also called magnetospheric plasma, for instance that of earth. Still it has some potentials of matter, i.e. standing waves, and is therefore a kind of plasma field, although completely invisible.

It follows that the sun permanently works on earth's total field of influence, which is far larger than just the earth and its atmosphere. This can far better account for the force influence of the sun on earth that we now propose. Added to that, it finally explains why the planets are ordered in the way they are in the solar system, in spite of their different masses, that now seem to be their only field of force influence.

Then if the accepted gravitational field theory works the way it is supposed to, Jupiter and not Mercury must be next to the sun in orbit and besides that, the orbits of the planets must be circular and not elliptic.

We can of course proclaim that the outer heavier planets have a special case condition what concerns the centrifugal force influence, but in that case also Mars, which is smaller than earth must be nearer to the sun than earth is and Jupiter as the largest planet would then have to be the outermost planet and not the small Pluto.

We have come to the force application part of our LBFU-Theory through a simple comparison: earth's axial rotation speed at the Equator is 1660 km/h, but the orbit velocity is 106 thousand km/h. As we propose that both have the same cause, and the earth is principally working like the wheel of a car that rolls over a road and therefore the car's directional velocity is the same as the wheel's grip on the road, we come to the following results for the radius of the earth's electric fluid, which is the round force application area for earth:

$$\frac{\text{radius of earth} \times \text{velocity of earth in orbit}}{\text{rotation velocity of earth}} = 408600 \text{ Km}$$

This means also that the sun works directly on a force application area about four thousand times larger than now accepted. And this gives us new possibilities for further postulations. – From this there follows that the total density of a planet is not only dependent on its mass alone, but on its mass plus its electric fluid together. Mercury therefore must

have a much higher total density, or rotational density, than Jupiter and the order of the planets in the solar system does not end up in a dilemma.

But which are the final forces that push and pull our earth in its orbit and which give it direction and keep it stable in orbit? And what is the part that the sun plays here?

Our LBFU-Theory now says that it is the sunlight that applies pressure on the total density of earth and at the same time the magnetic center point of the solar system attracts the total force influence system of earth with the same but opposite force. In both cases the proposed electric fluid or plasma field of earth comes handy to explain this. This force system keeps earth and all the planets in orbital balance. – The sun again also orbits around the same magnetic center point of the solar system.

The third force however, which takes care of the earth's own rotation, the force that does the permanent work of moving earth with its electrical fluid in its orbit, is based on the phenomenon of the sunrays, which make the transportation of heat possible. When an object is outside the earth atmosphere or in a vacuum and also radiated by light, it starts to turn on its own axis. The reason is the different potentials between the warm and the cold sides. In the beginning of space exploration this led to considerable problems. On a smaller scale one can also see the same within a radiometer. - Therewith we have a logical process of force application within our solar system.

One more important result of this force system is also the difference between the entering and the final speed of light in the earth vicinity. The part that we know now is the final speed of light at the surface of earth. Through the work carried out by the sun in this way, this is just a small part of the original speed of light entering in the earth vicinity. Always when a force is applied the force-vector in question is reduced from whatever it was at the beginning to next to nothing. Here the original velocity of the light rays has here been turned into motional force. It is therefore obvious that the speed of light cannot be a constant.

The measured speed of light at the surface of earth, 300 thousand km/s, points to a far greater general speed of light in space, or outside the electric fluid of earth. We suggest that it is about 10 million km/s. At the earth's surface it is then, as is well known, only about 3 - 5% thereof. In water on the surface of earth, like here in Luebben in Spreewald, the light speed is still smaller.

In order to fully understand the solar system, we must also notice that the reason for the elliptical orbits of the planets around the sun, and for the angle difference of their planes to the medium solar system plane, is caused by the fact that the sun also moves in an elliptical orbit around the magnetic center point of the solar system. Judging by the form of the earth-orbit, the sun has a maximum orbit radius of about 1,6 million km. And we now proclaim that its movement is not in the plane of the solar system, but in a plane about 45° degrees to it. The sun therefore alternatively rises or sinks 70% of one own radius length of its orbit above and below that plane. For earth this difference of planes only makes out an angle of about 0,6° degrees.

It follows that the difference in the planets' planes, as seen from earth, is to a large extent an optical illusion. But the sun still pressures the planets alternatively up or down from the general plane of the solar system. It therefore also adds a little bit to the light intensity effect caused by the angle of the earth's rotational axis, by alternatively shining a tiny bit longer on the polar areas on an annual basis.

But let us now put our LBFU-Theory to the test.

There are of course many theories that say something else than our LBFU-Theory does and there have been presented some research results that seem to prove that. We will name here two to three such works by different scientists:

Michelson looked for the electric fluid – then called ether – and did not find it. It was the Michelson - Morley Experiment in the year 1881. He did this on the supposition that the ether was spread uniformly all over the universe and that the earth must move through it. In our LBFU-Theory the same phenomenon is only present around space objects and moves with them at the same speed as the objects. Therefore the so-called retardation in the speed of light cannot be used here as phenomenon to come to any conclusion. This is in fact the same case, as in the famous bus tour situation, where two kids, one in the front and the other

in the back throw a ball between them. - When the speed of the bus is 100 km/h, which speed has the ball then? - Michelson should have taken this into consideration in his experiment.

The work of Bradley is also well known. He did calculate the speed of earth in its orbit, through the retardation of light speed in space. In spite of his results being approximately correct, we still maintain that his methods and reasoning cannot be correct.

His mistake was to build on the calculations of the speed of light done by Olaf Roemer, but Roemer's results one can explain with false reasoning and with pure trigonometric effects. The fact that Roemer did find the light speed to be 300 thousand km/s, is very simply a coincidence, then according to our own LBFU-Theory explained here, the speed of light at the earth's surface and then in space for the distance of one diameter of an earth-orbit, where Römer calculated it, cannot be the same.

Additionally, we maintain that the so-called aberration of light is just an optical phenomenon. Then when one moves in a vehicle, one gets the impression that the surroundings move, but the vehicle stands still. Therefore the light itself has nothing to do with this apparent aberration, but only our senses.

One can also check this out by comparing "movements of stars". Then it is just the same, how far away the stars are, they all seem to have the same aberration. When there is no relationship between distance and aberration of light, then also the sun must show the same aberration, but it does not.

Our seeing is therefore independent of light. When we for instance see that a star rises in heaven, we perceive it before its light actually reaches us.

We can also say that because light is diffuse in space, it is all the same where earth is placed in its orbit, the light is always there already, when earth gets to that point. Like it was waiting for earth to reach it. Therefore the idea that light has aberration in space due to the time it takes to reach us, a misconception.

We have already talked about gravitation, but what about matter, energy and electricity? And then: are the accepted theories concerning space and time correct?

We use the opportunity to add further argumentations to our LBFU-Theory and look at the connection between space and electricity first.

A good question to ask is this: what basically happens, when we put a normal dynamo to the wheel of our bicycle in order to produce some light?

Through the rotation of the magnetic coil, electricity is produced. – From where does it come? Out of nothing? - No, the produced stream of electrons, is in fact the basis for matter being formed. Our LBFU-Theory now proclaims that the electrons produced are nothing more than de-formed space. Space deformed through the rotation of a magnetic coil within the electric fluid of planet earth.

This also means, that we have a force circulation in the universe or cosmos that looks like this: primordial space produces matter and the same matter will again at one time turn back into primordial space. The process of change in both directions then represents the energy existing in the universe. Matter is therefore a standing wave that always has the tendency to change itself back into primordial space.

In this way, a production of new matter is always taking place in the universe and at the same time, matter is changed back into primordial space. What is then happening in the sun is the change of matter, reformation of matter back into primordial space. This process of change must produce a very high pressure and also produces many different waves, for instance the waves that later change themselves into visible light and heat on earth. For this reason, the temperature in the sun cannot be nearly as high as is now proposed.

From this conclusion on, our LBFU-Theory also says that primordial space is not relative to anything at all and without a form, then it has no dimension at all. It is simply space, unlimited in all directions. Wherever a spectator places himself in the universe, he will always have the unlimited universe before him.

The accepted theories saying that space can be bent, is therefore totally wrong. But the confirmed bending of light rays from the sun, at the sun eclipse in the year 1919, came about through the influence of the magnetic center point of the solar system.

If a gravitation field were the cause of the solar ray bending, one would be able to confirm the same effect by every moon eclipse. But this simply does not happen. – To compare this to a known phenomenon, we can also say that if there was no influence taking place between magnetic fields and energy, then our electro-motors would not work at all.

The accepted theory then says that the relationship of speeds between two rays is always a constant V , all the same if they move against one another, or go parallel to one another. – A mechanical theory says against this, that in the first case the proportion of speed is $2V$ and in the last case zero. We think that this is more likely!

In order to support this last supposition, this logic must spin on. Therefore one has given a special space and a special time to every object moving in space, dependent on its speed. In order to secure this still further, next one needs a limit to the universe. That is still one more blunder.

The phenomenon that was supposed to prove this, the precession at Mercury's perihelion near the sun, simply happens according to our LBFU-Theory through the planet's proximity to the sun. The light pressure is then of course higher and the planet rotates faster on its axis and therefore also goes faster in its orbit.

One can read from this that since the days of Einstein one has constructed too narrow a frame around our limitless existence. We maintain in our LBFU-Theory that space is without dimension and cannot be divided up, but still deformed being the basis of matter!

Time on the other hand, is an effect of a movement by an object in space. Thus one round by earth around the sun is called a year by tradition. The speed of an object in space influences the time period involved and when the speed becomes unlimited, time simply disappears.

However, how one proposes to combine primordial space - the basis for all matter - with a result of a movement of matter through the same - yes, to propose that the combined resulting phenomena is a new dimension - a space-time - is rather a philosophical or theological question than a physical one.

One can also put this differently: when one uses geometry - a local assisting-construct of our phenomenal reality - to multiply two lines, one gets a face. When one multiplies the third line, a height, to that, one gets a volume unit. But when one multiplies that with a fourth line, one simply gets nonsense.

One can of course call these lines dimensions, but that is a matter of taste and has nothing to do with science. – The view of our LBFU-Theory is rather, that a dimension is equivalent to a visible, sensible universe or cosmological space.

In space therefore, no object is moving in one, two, three or four dimensions, because space is unlimited and has no dimensions whatsoever. As a maximum we can say that an object goes after a stress-direction in space, when it moves from point A to point B.

With our LBFU-Theory we can congratulate ourselves to it that we are still far off from an „end of science“, even if that is now a popular view in the circles of science history.

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