

Misunderstanding Description of The Gravity

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Abstract

Description in the theory of general relativity of the gravity is completely just a misunderstanding. Because curvature of space is caused by gravity. Gravity is a field force that bends space, because it causes acceleration as shown by Newton. And a new theory of gravity which supports our observations is suggested named as neutral field.

Albert EINSTEIN grabs a slice of history with his groundbreaking scientific discoveries while he was trying to understand the speed of light, energy, mass, space and time. He made a great contribution about mankind's understanding nature and progress. If he didn't exist, we could still accept time as constant without knowing relativity of time and space and we could still think that mass and energy are different things. Thankfully he succeeded to understand and not just himself, whole mankind had a revelation with him. That's why he became one of the today's most known scientists. Thus scientists' duty is this, carrying mankind onward. The point is always serving for the science, finding the truth and putting a brick into the this extensive knowledge created by mankind while taking humanity a step further. There can be obsolescent and faulty bricks. As i said before the important thing is contribution, we can replace or fix them. Everyone who wants this can do, only always let's pursue the truths.

I think, there are some wrongs in comment of defining gravity as a geodesic event instead of a force inside the theory of general relativity, even his findings and observations were correct and clearly I think I am not the only one about this subject. Because I encountered the same Einstein was wrong saying in some platforms, websites which people can share their ideas freely and also personal video share site. It must be known that, when i say Einstein as in the above i am not just pointing at him, i am pointing at science society whoever has any connection. Mass pull interaction namely gravitational force is known as one of four fundamental interactions (electromagnetism, gravity, weak and strong nuclear force) and defined as

$\vec{F}_{12} = G \frac{m_1 \cdot m_2}{d^2}$ by Newton. This formula found by Newton is very similar with

Coloumb's law defining electrical force and found after nearly one hundred year. In the mechanical explanations of gravity it is wanted to be considered directly as a force which is surrounded earth and everything while defining some suggestions which has different kind of mechanisms. As to Einstein defined gravity as the path mass follows, the other words bent space starting with bending space by large scale masses like planets cause of their gravity, in fact as a result he finds gravity already bends space showing as reason again so the bending space is the force that pulls every mass like us to center of the Earth while trying to make sense of gravity and researching the bending light and space by gravity as shown in the theory of general relativity. Unfortunately today generally it is being known like this too. For example getting tired of someone who's saying he ran is result and the reason of getting tired is running. The result can not be the reason because we can't say something nonsense

like the reason of he's running is being tired, someone who feels tired doesn't run on the contrary gets rest. Of course Einstein who is one of the most clever people of all times must have seen the contradiction in here or the inadequacy in explanation so he wanted to find or research new theories like quantum gravity field theory as he's written his wish in "Fundamental Ideas and Problems of The Theory of Relativity"[1]. Something cannot be both the reason and result at the same time, because we can call this situation as paradox and there is no paradox in the universe. We need more efficient theories like quantum gravity, grand unified field theory because we can't understand the gravity in real with a defining like bender of the space is mass and the gravity is caused by bending of space. For short, mass causes gravity and the gravity causes curvature of space. We can say gravity is a field force like in the $\mathbf{F}=\mathbf{q}\cdot\mathbf{E}$ because of gravity causes the same acceleration for all materials in a specific field which gravity has influence. The power of this field force's too weakness is associated to being effective on more than four dimensions. This proposition is not being seen as possible about passing to another dimensions to prove it by experiments according to known as because of our knowledge doesn't have any experimental data about the meaning of multiple dimensions. Beside we can say it will contradict to the conservation of energy law because of if energy of the universe which we take place passes to another dimensions, universes with wave energy, it can be defined as disappearing energy of our system. We must go on trying everything which we can try with equipments like LIGO which can capture the gravity waves of colliding neutron stars and black holes and we must make everything possible with discovering new ways. I have never thought that everything is gonna be found has been found or there is nothing to be discovered left, on the contrary I've thought there are much more thing we need to discover and we are at the beginning of our discovery story. It is so normal and true to think the universe standing right in front of us, which we think it is infinite and still couldn't agree about it has limits or not has a lot of questions we need to discover inside of its unseen unknown deep darkness. I know that my theory which i explain some below and hope it's going to be answer will cause more questions. Every answer we find causes another question is inside of our expectation while standing right front of infinite unknown. My gravity theory which will resolve the contradictions as i indicated before will present consistent and simpler answers to the related questions. For instance there is no just exact one solution way in the theory of general relativity like as the Kerr, Schwarzschild, Kerr-Newman ways to calculate the amount of bending space, even in Schwarzschild way some scientists are using their approach which looks like numerical methods and doesn't seem accurate. Also singularity so black hole assumption is made in Kerr, Kerr-Newman solutions which we use in Einstein field equation to calculate mechanisms of gravity which is the main reason of great heat and pressure inside stars that produces elements different from hydrogen and gravitation which provides on celestial bodies like planets holding of objects like us of theory of general relativity. But this situation isn't being seen consistent because of not simulating the reality directly by not consisting with truths causes of little low charged space and singularity. Although these equations must be known as correct with looking at results of bending space-time data calculations. The only objection part is the definition part of gravity. Beside there is no other commonly held theory than Einstein's field equations to calculate the time and spatial variability. Briefly stated with the clearest way: The gravity is the space-time bending force. Let's pass to explaining of my new gravity theory.

My New Theory of Gravity

Fundamental particles of atom are uncharged neutron, charged proton and electron. We need to look at the particles of mass while searching the gravitation of matter. If the point is figuring out the gravity, it's normal to think that basic particles of matter which is either pulling or being pulled have connection with gravity. Because it will be true and normal if a scientist who wants to search the magnetic field around a conductor is measuring the current inside conductor. In other ways it is unthinkable to behave like looking at the air pressure on the surface of conductor. We can use the same way to explain the gravity how so we can take correct results with putting on side those smart thoughts to explain the covalent and ionic bonds that are done according to the electrons of atoms interactions and numerical situations.

As known, charged particles produce an electric field in space according to the type of charge. These fields produce forces with some influences and interacting with other charges. We can calculate the pulling or pushing forces which are happened according to the loads of situation with the easiest way because of Coloumb's law. What we look at in our calculations basically are type, magnitude of charge and field. We generally talk about just two types (positive and negative) of fields and put into our calculations. Neuter field which is the third type, i think because of just being neutral we assume that it doesn't interact with anything, we behave like it doesn't exist but there is neutral field too and it is real. This very weak field which is being appeared by neutron pulls either proton and electron or other neutron so if it pulls every particles of matter and we use superpose way, naturally conclusion of pulling the mass is being reached. As same as happening in the gravity which we talk about is always pulling way. Like the union is strength instance so much many getting together like in our planet it creates the gravity which is too effective in short range and has influence on every matter.

If neutrons didn't exist, all life we know and matters with also gravity wouldn't exist. Pushing force as known from Coloumb's equation happens between two positive charges. OK let's think about two protons close to each other; in this case Coloumb's pushing force happens but we would be wrong if we deduced according to our theory that the gravity won't happen if there is no neutron, because we didn't take into consideration the spatial effects and definitely i am not saying that there's only one type of gravity. We can see the proof of this spatial effects in star engendering hydrogen nebulas. Besides the proof of so long life of hydrogen nebulas, nebula clusters which are staying million of years without aborning so much stars and not collapsing with getting together even in so long time without being exposed to dense gravity effects can be not containing neutrons generally. In any case it is known that there's no nebulae that composed %100 percent of pure hydrogen atoms, behaviors of existing clouds are shaped with rules of gas dynamics in no small measure and the gravity is a weak force too. Besides i'm not describing the spatial effects as absorption. A thermodynamic absorption is not being considered for this force which is effective on the whole universe but a general interaction which can be seen as helper influence which i am going to explain in my next journal although how too hard it can be seem to affect. I will name this effect which will answer in all ways in my next journal with going at this subject. In fact i don't know an equipment that is as much as sensitive to show gravitation force which is nearly one thousand times weaker than electromagnetic force in a sub-atomic scale experiment. But i think an experiment like this needs to be done for test. Frankly speaking my thesis could be proved much more easier if there was still gravity in an unbent environment of space, but something like this is absolutely impossible.

RESULT

Every mass bends space but this doesn't mean that the gravity is the path matter follows in bending space. It's just a misunderstanding if we think the gravitation is the route which is followed. Following the bending space is true for photons, it's used for explaining the moving way of photons, every massless thing; because if we write zero to the mass in the Newton's gravity law, the force results zero so we can't explain the zero mass photon's closing to the mass. Besides this equation hasn't been found for using in calculations of an electromagnetic wave like light or massless energy waves. It is also hard to explain consistently living bigger acceleration than expected of satellites like Voyager while making gravitational shoot manoeuvres just with the gravity theory of general relativity. According to hearings, astrophysicists in NASA are doing orbit calculations with the easiness of the laws of classical Newton mechanics, instead of hardness of orbit destinating along the full path according to the field equations of general relativity. Trueness of these equations is at least as much as the success of the reaching point when the Voyager I which is the first man's made getting out of solar system is thought. Rotating superconductors are causing little decreases at objects' weight in Tajmar's experiments[2] can't be explained with the gravity theory of general relativity, too. Moving charged particles produce magnetic waves and superconductors exclude all magnetic waves. But my gravity theory can explain because of being neutral field of neutrons which is combination of positive and negative same charges, even this can be seen as demonstration.

References

- [1] Albert EINSTEIN, Fundamental ideas and problems of the theory of relativity, Lecture delivered to Nordic Assembly of Naturalists at Gothenburg, July 11, 1923
- [2] Tajmar, M., F. Plesescu, B. Seifert, and K. Marhold, 2007, Measurement of gravitomagnetic and acceleration fields around rotating superconductors, Proceedings of the STAIF-2007 and AIP Conference, Vol. 880, pp. 1071-1082.