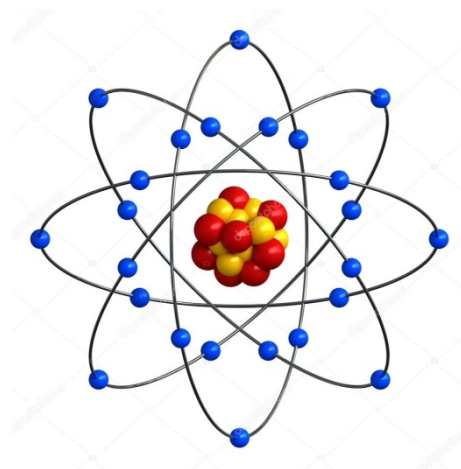




**Theory of Relativity or Quantum Mechanics?**  
Why are the scientists stating that they are not compatible, and one of them probably is wrong?



Valentin Malinov

## Theory of Relativity or Quantum Mechanics?

Very often scientists are stating that Physics is in crisis. Very often, they also complain that the Theory of Relativity and Quantum Mechanics are incompatible, and if not both of them, at least one of them is wrong. These two theories are the fundament of modern Physics, Astronomy, and of our understanding of the World. After one hundred years of collecting scientific, experimental, and observational data, the two theories have very little progress - (close to a nun) in describing and explaining the fundamental properties of the World. The presence of incredibly rich scientific data and such lack of credible explanations of the fundamental properties of the World is a revealing indication of the reason why scientists are stating that modern physics is in crisis.

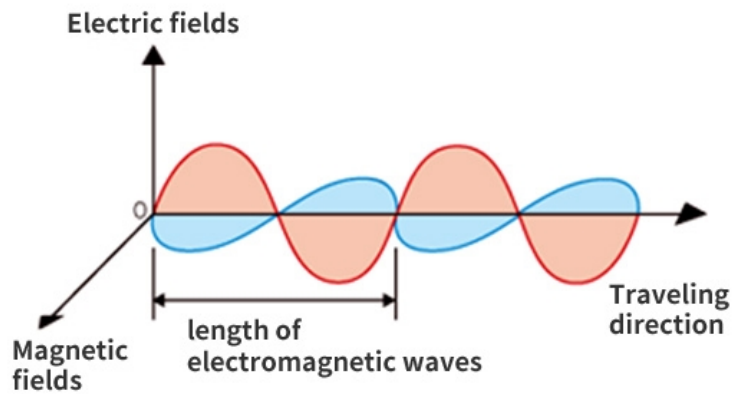
The main problem of these two theories is coming from the fact that they are ignoring and are not considering all the fundamental elements of the Universe but just considering half of them.

It is impossible to describe and explain any Physical system if you are not considering all elements involved in this system. Same situation we have with these two theories when they are trying to explain the World. - They are ignoring and excluding the most important elements of the Universe - the elements that are responsible for its physical organization. These elements are - The Law of Physics, the Universal Quantum Information, and the phenomena of Consciousness. The two theories never bother to answer the question of the origin of these phenomena. These two theories do not question how the Law of Physics is implementing its rule on the physical world! These two theories do not ask what role Consciousness and Quantum Information have in the organization of the Universe. Where they are stored, and what physical mechanism they are using in determining the number of matter particles, the strength of forces, and the relations and interactions of the physical processes of the Universe.

The lack of an honest and uniform approach to all existing properties of the Universe is the main fundamental flaw of these two theories.

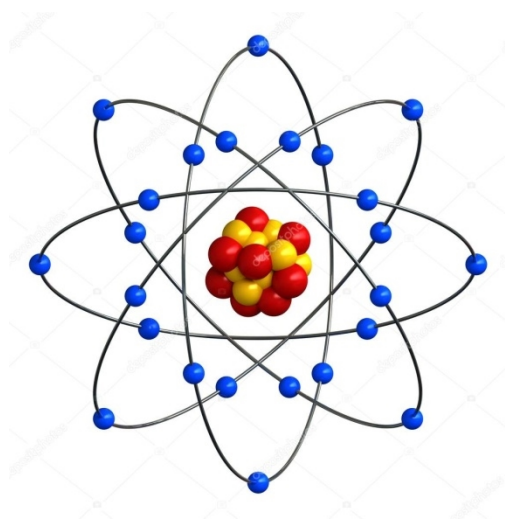
At the moment mainstream science is declaring that these two theories are the "best theories," which we have, and we have to stick to them because we do not have anything better to replace them. I am not sure about the correctness of this statement, because mainstream science is suppressing too many new ideas, including the newly emerged "Theory of Everything in Physics." Let consider in detail what is the strengths and the weaknesses of Quantum Mechanics and Theory of Relativity and to find why the scientists are claiming that at least one of the theories is wrong: We have to give credit to Quantum Mechanics for its range of practical achievements and range of theoretical findings and predictions of the micro world.

In 1865 James Maxwell made a big step forward and managed to explain that light, electromagnetism, and magnetism are parts of the same phenomena of electromagnetism. Maxwell has explained the basic principles of electromagnetism in his publication of "A Dynamical Theory of the Electromagnetic Field." His achievement becomes the base of the progress of modern physics and the understanding of fields and electromagnetic interactions, photography, spectrometry, and the development of modern electronics.

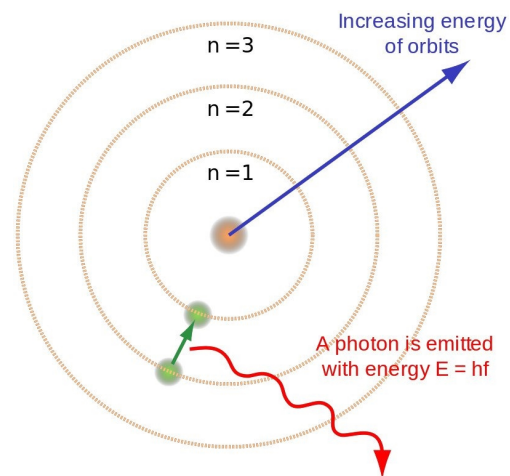


### Electromagnetic waves (including visible light)

A few decades later, in the early 20<sup>th</sup> century, Max Plank discovered that heat absorption and emission are not smooth but are in steps with a certain quantity. If we make a graph, the line of absorption or emission will look like a staircase. He manages to explain that this strange phenomenon is a result of the property of the photons and their absorption and emission, which are responsible for the transfer of heat. This thermal "Quanta" gives the name to the emerging new theory of the micro world as "Quantum Mechanics." In a few years, Einstein has managed to explain the Photoelectric effect. - This is the phenomenon of emission of electrons from a metal surface when it is bombarded with light. In 1911 Ernest Rutherford proposed the planetary model of the atom. This model was a big step toward the explanation and understanding of the micro-world.

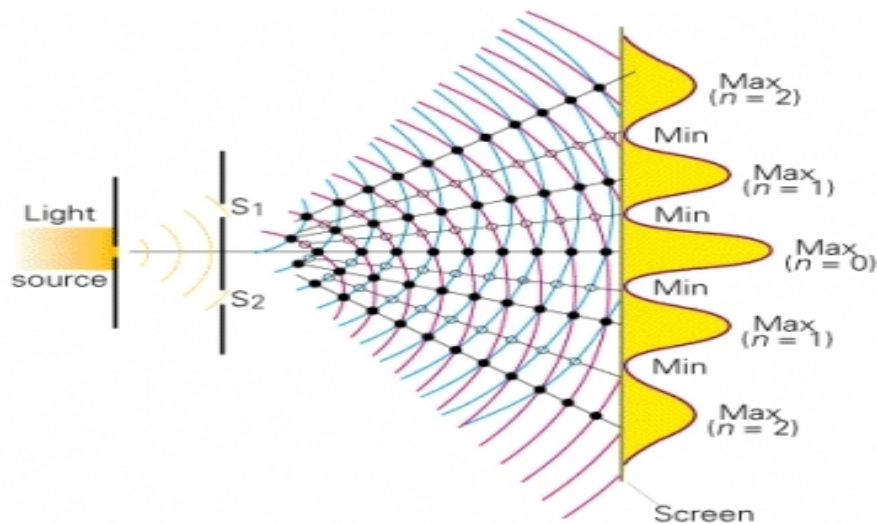


Rutherford planetary model



Bohr electron's photon emission

Two years later, in 1913, Niels Bohr proposed his explanation of Rutherford's atomic model and especially the electron energy levels. He explained that for an electron to jump from orbit to orbit, the electron must absorb or emit a photon. This explanation has had big success in the development of quantum mechanics and modern Physics. Then in the picture comes the double-slit experiment. This is a crucial fundamental experiment, which is the base of our understanding of the properties of elementary particles. This experiment proves that the particles exist in two states - as solid particles and as waves. This experiment is the base of still unsettled to the present-day question of the role and functions of Consciousness in the Physical Organisation of our World. The double-slit experiment proves beyond doubt that the conscious knowledge of the observer is changing the physical state of the particles involved in the experiment.



Double slit experiment

The pace of success of Quantum Mechanics in the early twentieth century looked like an unstoppable valance of knowledge, and QM was able to revile one by one the biggest puzzles of the micro-world. Unfortunately, this success came to an end in 1927 with the famous "Solvay Conference," where it has been adapted the doctrine for the further development of QM and Physics. It is sad because QM and Physics at this time still were in their infant stages. At this time, there was no knowledge of the fundamental elements and properties of the Universe. And precisely in this early stage of the development of our understanding of the World, there was adapted the most shameless document in the history of science, which states: "Quantum Mechanics has a complete description of the World and further study of the fundamental elements is not necessary." And another famous direction of this time - "Shut up and calculate." This document brings the end of the success of Quantum mechanics, and as a result of it to the present day, we still have no explanation of the fundamental elements of the World. - We don't know what Electromagnetism, Gravity, Space, and Time are. We don't know the mechanism of Physical Attraction, what is Energy, and what the Energy Field is. In leading positions in Physics and Astronomy were appointed mathematicians, which not have a good understanding of these subjects. Quantum Mechanics start claiming absurd things as that all elementary particles are mass-less, and the World does not exist but is just the imagination of our brain. - Such ridiculous claims can be produced only as a result of a substantial disconnection from reality, lack of knowledge, and ignorance of facts.

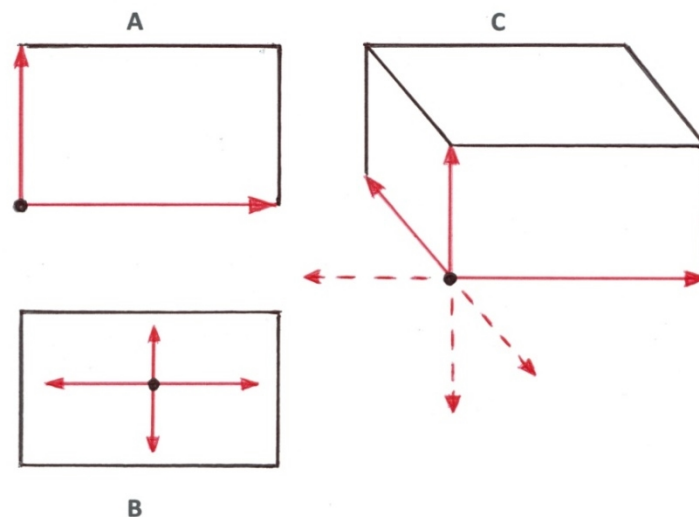
At the beginning of the twenty century, scientists believed that Photons are mass-less. This assumption gives Einstein the idea to develop his Theory of Relativity, where the force of Gravity does not exist but is an effect of the curvature of space. We will consider the validity of the Theory of Relativity after when we finish our consideration of QM. I have mentioned this because the assumption for "mass-less photons" is the base of all the troubles of the two theories. The assumption was that Photons are mass-less fundamental particles, which is one of the building blocks of the biggest composite particles. On the base of this assumption, QM also assumes that all elementary particles are mass-less. The consequences of these incorrect assumptions are that if all elementary particles are mass-less, then there must exist a separate mechanism, which is giving mass to the particles. As a result of these assumptions, QM starts looking to find this mysterious mass-giving mechanism. The help comes in the form of the assumption of Peter Higgs that there

must be a particle, which is giving mass to all other existing particles. The scientists get very excited and start lobbying the politicians to provide them with 22 billion to build the Large Hadron Collider - just to be able to find this elusive "necessary" particle. After completion of the LHC has followed a few years of fruitless research and endless experiments. The "Guys" become despised for results, and one day they have declared that they have discovered the "most important particle" in the Universe - the Higgs Boson or the "God Particle"! This announcement was declared to be a triumph of science and triumph of human intelligence, which is just about to solve all the problems in Physics and Astronomy... but what really happens after that and what is the real story is unclear because instead of Higgs Boson to explain everything and to produce the badly needed "Theory of Everything" in Physics, Higgs Boson has created incredible trouble and complications in already messy and complicated "Standard Model" of Physics and didn't explain anything. - (Details of this fascinating story you can find in the book "The Higgs Fake" of Alexander Unzicker)

I will start the explanation from the beginning - from the claim that Photons are mass-less. I believe that it is stupid to assume that "something can be made from nothing." - Such an assumption also contradicts the Law of Physics for the preservation of energy. Unfortunately, QM was forced to accept this assumption in order not to destroy the Theory of Relativity, which is based on the assumption of "massless photons." This turn toward mass-less particles has very destructive consequences for the future development of Quantum mechanics. The leading scientists have invented a clever way to "justify" the claim that photons are mass-less with the proclamation that photons have "zero rest mass"! This is OK, but what is "Rest Mass"? - The rest mass is the mass of the particle in a motionless position - in total rest (without any kinetic energy)...But there is a problem! QM has accepted the concept of the Theory of Relativity, that there is no special reference point in space, which is creating the (twin paradox). So... nothing can be considered motionless, or... everything is motionless! - These absurd assumptions are not a good fundamental base for the fundamental theories of our knowledge. Anyway, I am just explaining part of the confusion surrounding the acceptance of the concept of "mass-less photons." - Further, according to Einstein's formula,  $E=MC^2$  kinetic energy and any form of energy is actual mass! The problem is there where the photons are never stationary, and this assumption for "zero rest mass" does not apply to them at all! So... it becomes evident that the photons are always possessing kinetic energy, which is mass even by the standard of the Theory of Relativity. Further, we know that photons have a punch on a metal surface and are able to eject electrons - (photoelectric effect). Einstein knew this because he got a Nobel Prize precisely for this effect. Later, when the scientific instruments become more sensitive, scientists have confirmed that the beams of photons are inserting measurable pressure of a surface. On the base of this, NASA successfully developed a Photon Propulsion Engine. It is easy to understand that photons have measurable momentum, and momentum is the combination of mass and speed! Revealing case is when they try to calculate the mass of the electron. - The result was that the electron has infinite mass! This result shows that their fundamental assumptions are incorrect. Lately, they have managed to adjust their calculations to the well-known mass of electrons by ignoring and excluding some of their physical property from the calculations, which they named as "renormalization." Gradually, step by step, the leading scientists start departing from the facts and have gone too far in the wrong direction. It becomes too late and too embarrassing for them to admit that photons and particles really have mass. If they accept this, this will bring an absolute disaster to their work and all their theories. The preservation of their work and their job is the main reason why mainstream science vigorously defends these old concepts and rejects anything new and sensible!

In order to preserve the Theory of Relativity, QM was forced to admit Einstein's three-dimensional space configuration and, as a consequence, is suffering a range of fundamental miss-concepts for the atomic structures. The problem is there, where the atomic structures and the mechanism of atomic particle separation are based on Six Dimensional Orientation (spin). - That's why the stable electron shells are Six, the number of Quarks is Six, and the number of leptons is also Six. - QM cannot explain why the electron has to rotate 720 degrees to come back to its original position of space orientation. 720 degrees we can have only if we are situated in six-dimensional space! The fatal flaw of the three-dimensional configuration of space is a result of the mistake, where the scientists are putting the reference point out of the considered surface, (or volume of space) - in the corner, which actually is out of the frame! There is no such place in the Universe, where you can put the reference point out of space! The nonsense of "three-dimensional space" you can see when you put the reference point inside the considered surface or inside the volume of space! When we put the reference point inside in the considered surface or volume of space, it becomes obvious that we need a minimum of four vectors (dimensions) to define each point of the considered surface – (part B). We can see that we need a minimum of six vectors (dimensions) to define each point of the considered volume of space – (part C). – Because you cannot measure the vectors (dimensions) in the opposite direction! – They are one-directional!

(See the diagram below)



On this graph is visible that three dimensions can form only 1/8 of the total volume of space. Four dimensions are necessary to describe a flat surface, but six dimensions are the minimum to form a uniform space.

(Curtsey of TOE)

Quantum mechanics has failed to explain the principle of attraction in Physics. QM is postulated that there must be the existence of particles responsible for the phenomena of attraction, but this is an impossible claim! - You can push away an object by throwing sand on it, but you cannot make a rope from loosed sand (or particles) to tie up and pull back the runaway object! - There is not such a physical mechanism.

In order to explain the nuclear bond of the atoms, QM has invented non-existence particles called Gluons and Gravitons. QM never was able to prove the existence of these particles, but this is not stopping QM from declaring that these particles are real and do exist. Gradually, from a very successful new theory at the beginning of the twentieth century, Quantum mechanics step by step

became an illogical assembly of a non-competitive bunch of theories, which is not able to explain anything further, which the fathers of QM was explained one hundred years ago.

QM is claiming the success of modern electronics. Still, modern electronics have advanced based on experimental work on semiconductors, not based on theoretical predictions of QM. Significant contributions to the advance of modern electronics have electrical engineers as Nikola Tesla, who invented the radio, wireless remote control, AC motor, and many more practical inventions without the help of QM. The principles of the Quantum Computer - (particle entanglement) have been predicted and discovered in the early years of the twentieth century.

If we manage to put Quantum Mechanics back on correct fundamental principles and get read of all accumulated nonsense, Quantum Mechanics could become again successful theory, which will be able to explain the structure of the micro-world. The recently emerged "Theory of Everything in Physics" (TOE) has all the tools to fix and save the Theory of Quantum Mechanics. Still, we need the courage to confront the established scientific dogma to be able to put order in our knowledge and to be able to go forward!

Let's see now what the situation with the Theory of Relativity is:

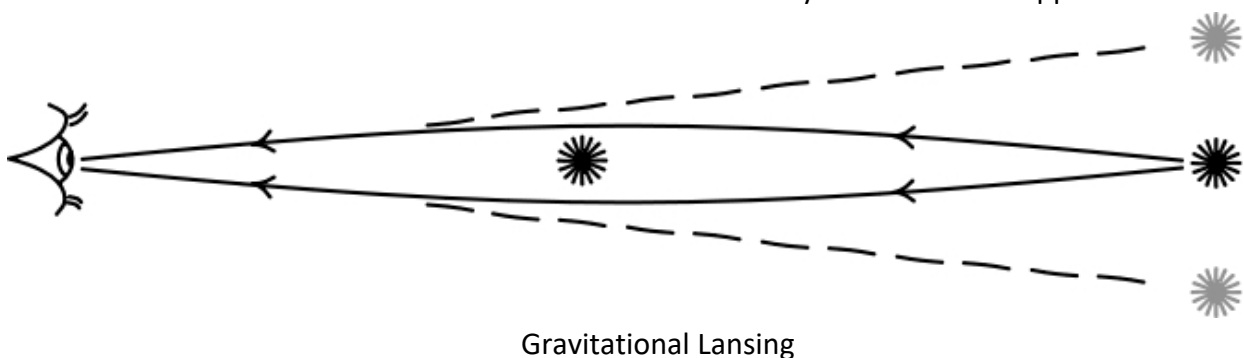
The mystery of gravity has bothered scientists for more than a century. This elusive force was disobeying any knowledge of how a physical force should arise and interact. The help to explain this mystery comes from a very unlikely source - one unknown patent clerk with the name - Albert Einstein. The Theory of relativity is based on two parts - Special Relativity published in 1905 and General Relativity - 1915. There are some technical differences, but we won't get very deep into the smallest details. We will consider just the main and fundamental assumptions of the Theory. The Theory of Relativity tries to explain the fundamental properties of macro-world - space, time, gravity, and matter and their relations.

The most significant contribution of Einstein is that he realizes that all components of the Universe - Space, Time, and Matter are in special physical relation to each other, and this gives the name of his theory as "Theory of Relativity." The most elusive concept in Physics is the phenomenon of Gravity. Everything in the Universe is linked together with this force. Still, nobody has a clue of its origin, because on the surface it looks like the material bodies are emitting gravitational force, but this cannot be true, because if matter constantly is emitting force, this will be at the expense of its internal energy storage. The continuous energy emission will be at the expense of the atomic bond of elements. Such energy losses will start affecting the integrity of the elements, and they will start to decay gradually until they degrade in their prime form of energy. Scientists know that the atoms of the Universe exist unchanged for billions of years, and this fact is ruling out any possibility that the material objects are emitting gravitational force. - This is the greatest mystery of Gravity, which Einstein was trying to solve in his theory. Einstein proposes a revolutionary idea that near a massive body, the space gets curved, and this curvature is the source of the Gravitational attraction in the Universe. Further, Einstein has merged Time and Space into one substance called "Space-time." One of his biggest achievements is the most famous equation  $E = MC^2$ , which postulates (matter-energy equivalent), that all matter is just a concentrated form of energy. This assumption firmly stood the changes of time and is valid and relevant to the present time. The relations between Matter, Space, and Time have given the concept of "Time Relativity," which postulates that the clock ticks slower when it is close to the massive bodies and also slows down proportionally to the speed of the object. There is a claim that Time relativity has been proven by Mercury orbit precession and GPS satellites' speeding clocks. One of the controversies in the past was Einstein's "Cosmological Constant," but with the establishment of Big Bang Theory, this problem has faded

away, because this theory replaces the necessity of cosmological constant with "Expanding Universe." Not all of the leading scientists have been enthusiastic about recognizing Einstein's revolutionary theory, and not surprisingly, he never received a Nobel Prize for the Theory of Relativity. Einstein was awarded a Nobel Prize for the discovery of the mechanism of the Photoelectric Effect.

At the beginning of twenty century, scientists believed that Photons were mass-less. This assumption of mass-less photons gives scientists an experimental way to test the credibility of the Theory of Relativity. They assume that because the photons are mass-less, gravity will not affect them. In this case, if space is bent near a massive object, then we should observe the phenomena of "Gravitational Lansing." To test the theory, in 1919, Arthur Eddington went to South Africa to observe the Solar eclipse. On his arrival back in England the news that Eddington had observed the Gravitational Lansing made Einstein the most famous scientist in the world because if the photons are mass-less the Sun's gravity cannot affect their direction, which means that the curvature of space is affecting the path of the passing near the Sun photons.

This crucial observation was able to establish Einstein's theory and silence his opposition.



On 28 November 1919 in a letter to the London Times Einstein stated:

**'The chief attraction of the theory lies in its logical completeness. If a single one of the conclusions drawn from it proves wrong, it must be given up; to modify it without destroying the whole structure seems to be impossible.'**

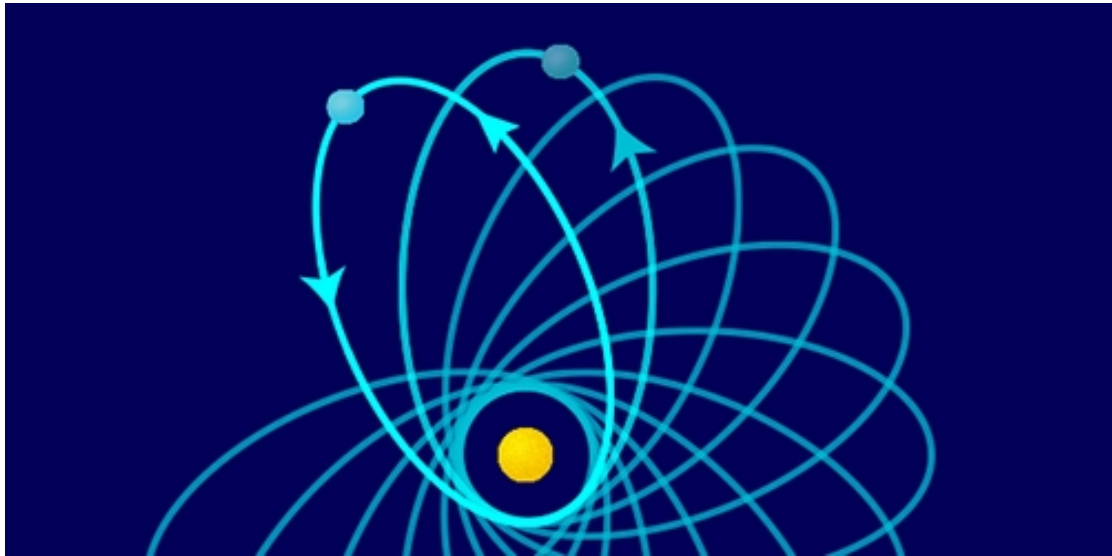
Below are listed the three classical tests which supposed to prove his theory. With the development of modern scientific instruments and astronomy, we have accumulated more knowledge and facts, which greatly disagree with Einstein's concept. Despite the apparent cover-up efforts of academia by ignoring the basic facts, none of the mentioned three classical tests prove Einstein's theory to be correct:

1. The perihelion precession of Mercury's orbit:

Einstein claims that his theory predicts Mercury's orbit precession with absolute accuracy. Unfortunately, the exact value of the precession has been known long before he has done his "calculation." He just adjusted his calculations to the known numbers. - (Same way how he has adjusted his calculations with the artificially added "Cosmological Constant"). The biggest problem is there, where Einstein's prediction is the exact opposite of the observed phenomena! - Einstein's theory predicts that time is slowing down near a massive body gravity, and the fast-moving object's clock also will slow down, but Mercury is not slowing down near the Sun! - On the exact opposite, Mercury is accelerating and going around faster. - This is the exact opposite of the dilation, which the Theory of Relativity predicts! - Einstein uses clever mathematics to "prove" his theory, but this mathematics is no more than lousy mathematics - instead, to add these predicted negative numbers as  $(-2) + (-2) = -4$ , he multiplies them as  $(-2 \times -2 = +4)$  which is not correct because he predicted the accumulation of two slowing down effects on top of each other- the speed acceleration of Mercury near the Sun must slow down its clock, and also Mercuri's clock should slow down



due to Sun gravity. The sum of the two slow-down effects cannot produce precession but the exact opposite – a regression! The same situation is with GPS satellite clocks. The satellites are travelling faster than the Earth's surface, and their clocks are supposed to be ticking slower, but in reality, their clocks are ticking faster, and the engineers are forced to slow down the pace of GPS satellite clocks in comparison to the clocks on Earth's surface.



The precession of Mercury orbit.

2. The observed gravitational Lansing:

The light Lansing near the Sun is caused mostly by light refraction of the Sun's atmosphere, which is about seven thousand kilometers above the Sun's surface. To ignore this effect is unacceptable for top scientists! In addition to this, the latest findings are proving beyond doubt that photons have mass! This fact rules out the assumption of space curvature because it is obvious that the Sun's gravity, in addition to light refraction, is bending the path of the passing photons. - For example, lately, astronomers are observing substantial Sunlight refraction of the Earth's atmosphere - the visible even with naked eye red illumination of the dark Moon in Moon eclipses.

3. The observed gravitational redshift of light, also proves that gravity is a force, and photons have a mass that is affected by the gravitational force!

In the past, scientists have ignored the light refraction of the Sun atmosphere. Why should we continue to ignore such basic facts? This is an unacceptable way of validating a fundamental theory. I will provide the reader with simple facts about the existence of the light refraction of the Sun and the Earth's atmosphere.

Sun's atmosphere (the Sun's corona) extends up to seven million kilometers. Earth's atmosphere is about one hundred kilometers tick, but is producing substantial observable light refraction!

I will provide a simple example, where the reader doesn't need the interpretation of a scientist - Everybody has observed Moonrise and Moonset. When the Moon is just above the horizon, it looks much, much bigger and nearly red. When the Moon rises above our head, it becomes two to three times smaller and brighter. This also happens with the Sun; on Sunrise and Sunset, it appears bigger and red – (the often observed red Sunset)! - This change in the appearance, color, and the size of these two celestial bodies is a result of the refraction of the Earth's atmosphere. I will quote Wikipedia's explanation of the Moon's illumination during Moon eclipse:

"This indirect sunlight has been refracted as it passes through Earth's atmosphere."

(See the image below).

And there is raises the question: what is the reason the scientists to recognize the existence of the Earth's atmosphere refraction and to ignore the Sun's atmosphere refraction?

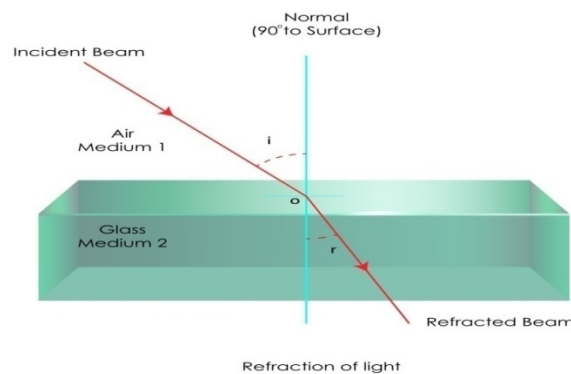


The Moon

If I ignore the apparent effect of sunlight refraction, I can claim that the red appearance of the Moon and the Sun indicate that they are retreating away from us at Sunrise and Sunset and are coming toward us at noon, but is such a claim can be correct? - Obviously Not!

This is how by ignoring basic facts, the Theory of Relativity, and its puppet - the Big Bang Theory has been established. Is it unacceptable for scientists of the caliber of Einstein and Eddington to ignore such well-known basic facts as light refraction?

(See the image below)

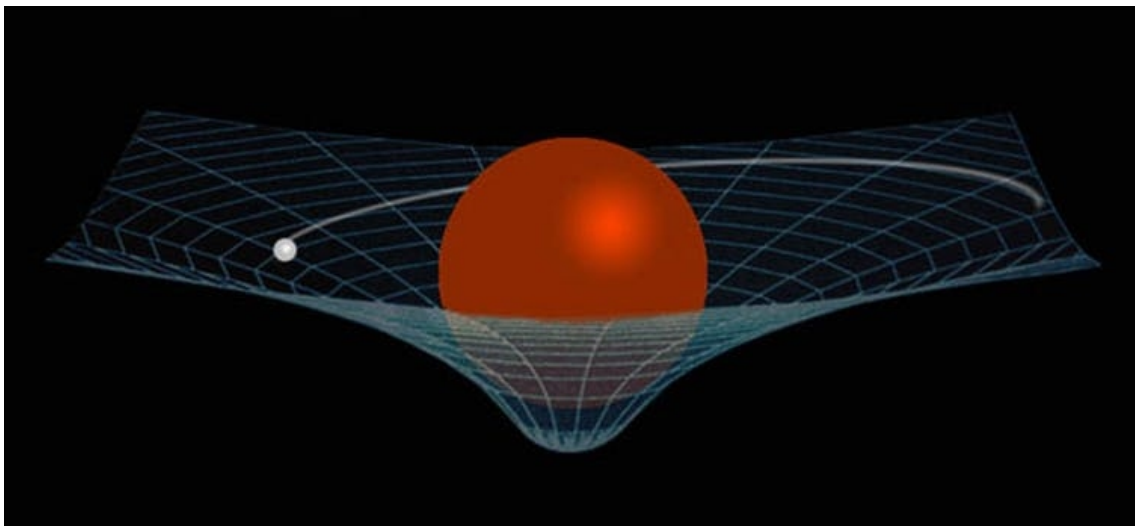


Science Light Refraction through Glass

The main reason for the acceptance of the Theory of Relativity is coming from its claim that the curvature of space is "eliminating" the need for the emission of gravitational force from the body of matter. The main problem with Gravity comes from the fact that all celestial bodies are emitting Gravitational force continuously for billions of years. Such force emission can be only at the expense of the internal energy storage of the atoms of matter. Such emission inevitably will deplete the nuclear bond of the elements, and they will start to decay gradually and continuously until they disintegrate in their original form of energy. The fact that the elements are stable and exist for billions of years unchanged means that the matter is not emitting Gravitational force!

The proposed of Einstein curvature of space looks like is solving this problem, but in close details observation of the claims of the theory, we can see significant discrepancies and anomalies:

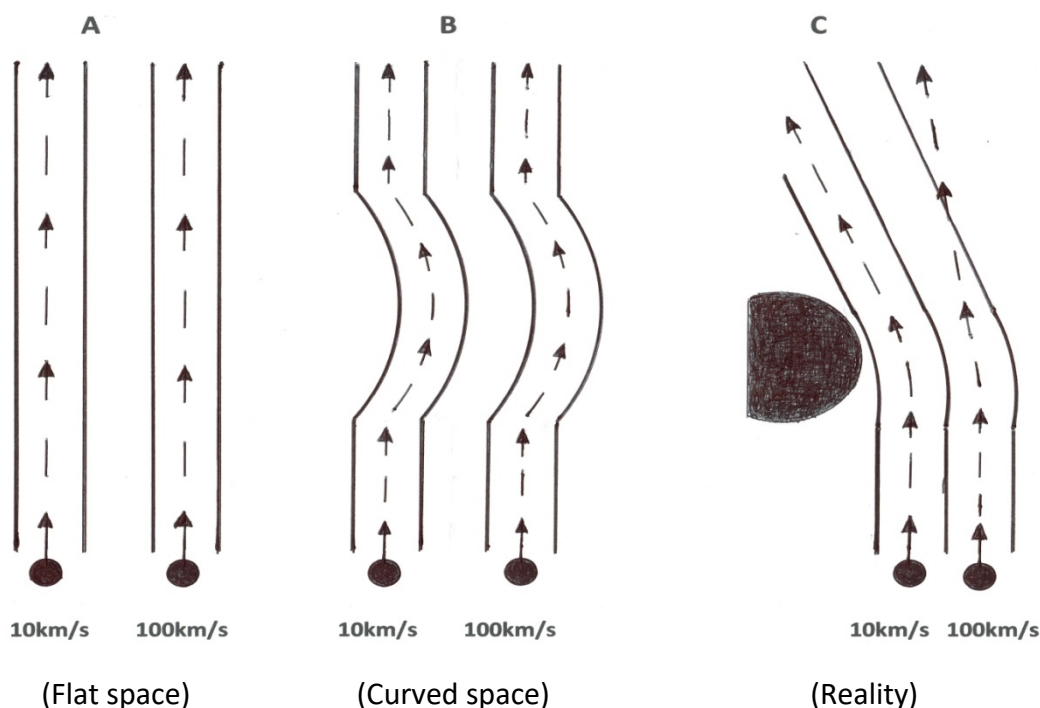
In order for the space to be curved near massive bodies, Einstein also assumes that these bodies are emitting force that is bending the space. Soon Einstein manages to bend "his space," he just "forgets" for the existence of the force emitted by the massive bodies. Why? Wherefrom is coming, and where is going after this force? And in the end, Einstein is not eliminating the existence of the emission of gravitational force at all! - (He just ignored it)! Unfortunately, you cannot prove anything by ignoring the facts! – First, Einstein postulates that Gravity force does not exist, and after that, Einstein starts making predictions for how the material bodies will behave in a strong gravitational field! Even they have "discovered" the "Frame Dragging" effect, which the celestial bodies are inserting into the surrounding space! I am sorry, but mainstream science has to come clear on which principles are based on their "Standard Model." They are rejecting the existence of Gravity but are using the gravitational field. They reject that space is a medium, but accept that "Gravitational field is dragging the space." You cannot reject and use the same phenomena at the same time! - This is a self-contradiction on a fundamental level! But the problems do not end there! There is a big discrepancy with the mechanism of how the curvature of space is claiming that it is "producing" the gravitational effect. - Here is one example of the concept's explanation:  
(see the image below).



It is obvious that this explanation cannot work without the Earth's gravity from below.  
In space is no Earth's gravity, and this explanation is not credible.

They are using the Earth's gravity to make the ball rotate around the center. I am suggesting this experiment be done in the International Space Station, where there is no Earth's gravity. Further, space curvature somehow works for moving objects, but cannot explain why two stationary objects are attracting and moving toward each other. - This is a fundamental question! -We know that space is not inserting force on the objects; even the Theory of Relativity is not claiming this because if it is claiming this, it has to explain where this force is coming from! Still, the theory does not explain where the force of attraction (Gravity) is coming from. - You cannot use the external (of the Universe) origin of force to prop up a scientific theory! The law of Physics does not allow to add or to remove even a single particle from the physical system of the Universe because the Law of Conservation of Energy states that you cannot create or destroy energy! And we know that space is not pumping constantly energy into our Universe because Space is just a part of our Universe!  
The curvature of space does not explain why the "curvature" of space is affecting on a different way

objects traveling at different speeds, because the "curvature" of space must be the "straight line" for all of the traveling objects in this curved space regardless of their speed! The fact that the objects have a tendency to preserve the straight line of traveling proves that these objects are situated in space with a straight configuration (not curved), and the Gravity Force is attracting and bending the trajectory of the traveling objects more or less dependent of their speed - (This is the simple and well-known "ballistic effect") – (See the images below)



The traveling objects strictly must follow the shape of the space where they are situated...  
but what happens in the diagram "C" and why?

- In the left diagram - "A" is the path of two objects traveling at different speeds in our "Flat" space. The configuration of our space is straight, and no matter the speed of the objects, they always are traveling in a straight line.
- The diagram "B" is shown, how two objects with different speeds will travel in curved shape space. - No matter the speed of the objects, they are strictly following the shape of the space because this shape and curvature are their "straight line" of travel. It is obvious that the two objects will always travel in parallel lines regardless of their speed.
- Einstein is claiming that Gravity does not exist, but the shape of space is producing this effect. The best test for the correctness of his claim is to observe two objects with different speeds when they are passing near a massive object. If the massive object is curving the space, and gravity does not exist, the two traveling objects must travel in parallel lines and strictly follow the curvature of space, but if the space near the massive body is not curved, but is straight and gravity really exist, then we will observe that the gravity will bend the path of the slow traveling object much more than the path of the fast traveling object! - And this is exactly what we are observing in our physical world! - (See diagram "C").  
That's why we have the three "Escape velocities" for the Solar System because the traveling objects tend to travel in a straight line, regardless of the presence of massive objects. I believe that this example is undeniable proof of the existence of Gravity as a real existing force. It is easy to be understood by everybody, and this understanding will put out the

speculations for the "Curvature" of space once at all!

In his theory, Einstein has merged Space and Time in one substance called -"space-time."

In TOE I have given an explanation that to merge space and time is not a wise idea because Space is formed from passive dimensions, but Time is an active progressive dimension. - You cannot merge stationary and traveling dimensions! The same as how you cannot merge flying airplanes with stationary mountain tops. - The law of Physics does not allow to be merged passive and active dimensions, because this will create absolute chaos!

I will provide one more example of how far from the truth is this Theory - According to the famous formula,  $E=MC^2$  to accelerate even one elementary particle to the speed of light, this particle will obtain infinite mass - greater than the mass of the entire Universe. To accelerate even one particle to the speed of light, you need energy greater than the energy of the entire Universe. Everybody knows that this is not correct, because in the particle accelerators in a fraction of a second billions of particles are accelerated to 99.999999% of the speed of light with a reasonable amount of energy, and the particles do not become such massive to rip off the foundations of the particle accelerator.

The other obvious incorrect assumption is that the speed of light is the ultimate limit of speed in the Universe. In 2011 scientists from the Italian Institute of Nuclear Physics did two fine-tuned experiments, which have shown that neutrinos are traveling faster than light. This finding was shaking the foundation of the Theory of Relativity, and Academia jumped hard on these brave scientists and forced them to denounce their results due to some "technical anomalies."

Mainstream science has succeeded in silencing the Italian team, but they cannot silence the Universe! The Supernova Explosion 1987A unmistakably proves that neutrinos are traveling faster than light because the neutrino from the explosion comes to the Earth more than two hours prior to the light of the explosion. The explanation is that the Supernova is "not emitting" light in the first two hours after the 10Sec explosion is not credible because we have managed to explode thousands of nuclear bombs, and the brighter light always is produced in the first milliseconds of the explosion.

The "Standard Model" of Physics selectively picks up facts - Some parts of Quantum Mechanics, and some parts of the Theory of Relativity. This "Model" is littered with self-contradicting assumptions on a fundamental level. For example, they declare that Gravity Force does not exist, but when they need they start calculating and including the gravitational field of the celestial bodies in their assumptions. But isn't gravitational field shouldn't exist if gravity force does not exist? Further, if Gravity does not exist, why QM has invented the hypothetical "Graviton"? It is obvious that if you are picking up parts from two different pictures, you will never be able to construct a sensible new picture. Mainstream science for a long time has stuck to the philosophy that if they continue to collect and accumulate more and more data, one day from the mountain of accumulated data, the picture of the World will emerge by itself in full beauty. - This assumption so far has been proven wrong. It is a similar situation if you have a bag with computer parts, and by adding more and more parts and shaking and mixing them, you are expecting that someday a working computer will emerge from the bag of parts. It is obvious that without a correct understanding of the fundamental principles, you will never be able to construct anything sensible!

We have started our consideration of the two fundamental theories, because there are many grey areas in our understanding of the fundamental elements of the World and because scientists very often complain that one of these theories cannot be correct, but we do not have any alternative theory to replace the incorrect theory. Fortunately, for the scientists who are looking for correct

answers recently, in 2017 has emerged a new "Theory of Everything in Physics," which explains all fundamental elements and interactions of the World with facts, logic, and within the boundary of the Law of Physics. Instead of being afraid and sticking to the old dogma, it will be better if scientists are able to give the green light to theories, which are using correct fundamental principles.

When we put on the scale - the Theory of Relativity and Quantum Mechanics, we have to admit that Quantum Mechanics can be corrected, but the Theory of Relativity cannot be saved, because it is constructed on incorrect principles and weird assumptions.

I believe that we have succeeded in making good and honest consideration of our two fundamental theories. If we refuse to recognize the cases when we are obviously wrong, we will never be able to get right and progress forward. I hope that our conclusion will help to disperse the fog of uncertainty surrounding these two theories and will give courage to the scientists to start looking and to find correct fundamental principles, which will give them the ability to explain better the logic, the structure, and the beauty of our World.

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