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How the Quantum Universe Works

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Abstract

By recent observation scientists have found that our Universe's building blocks are quantum mechanics in nature; therefore, all the elements must be working intelligently based on Quantum Mechanics (QM) to run these billions of galaxies with billions of solar systems and planets. All these movements ought to be naturally calculated in detail to create all these movements and fine tune the Universe. On the other hand, science is telling us that everything must have an origination. Here all my consideration in this paper is to discover the source of all these movements of planets, solar systems and galaxies and how they interact together, all based on a quantum mechanics foundation in conjunction with the science that we know.

Rotation of the Universe

When it comes to the rotation of the planets, usually they are orbiting a sun, and when we call the moon a moon, it means it goes around a planet. Theoretically each of the planets, moons, and suns has their own pattern of rotation and revolution around the host object.

Each rotation and revolution around the host planets are dependent on many factors; such as its distance from the sun, the age of a planet, the amount of density of the planets matter, if it is a gaseous planet, its size, its position, electromagnetic fields, and many more unknown situations and conditions that we are not aware of including weak and strong electromagnetic fields in the space of the region. But all these positions have one thing in common, and that is to obey the law of the galaxy and to stay alive for billions of years.

All these movements raise a few simple questions that have never been asked before and they are: Why are all the planets round and rotating? Where is the spherical shape of planets coming from? Where are the motivations of movements of the planets coming from? Do they have a sense of intelligence to follow the same task as a moon that goes around its planet and planets that go around a sun?

To answer them, it is obvious. The Universe must have put them in such a manner to move constantly with precise movement, because matter cannot move by itself. Not to mention, that in the Universe, each element has a particular movement and duty. Evidence shows that suns must sit in the center of a wide space to protect their planets by giving them energy. The planets' obligation is to go around the sun to protect their source of life support, and a moon rotates around a planet to shield that planet, while the

comets have no specific route to follow, yet mysteriously they are carrying light chemical elements within their shells to transfer and spread throughout the space of the Universe. This process is not an accident; it is happening for billions of years for billions of galaxies with their planets all based on Quantum Mechanics (QM) principles.

The theory of a mechanical Big Bang says that the Universe originated and exploded out from one spot. If so, then it could not create quantum mechanics movement for all the galaxies or control inside billions of galaxies with all their solar systems to move accurately with the same behavior or make all the planets go around suns and make all the moons go around planets with the same conduct of QM principles. The organization of the Universe must work intelligently, must have a defined movement to motivate all the galaxies movements accurately, and all the galaxies must have such a distinct movement to create all the solar systems to move at the right speed in order for a sun to hold its planets. Don't forget that our solar system just occupies a minuscule portion of the space of our galaxy. Just a hypothetical question: imagine, if the Universe was mechanical based, do you think the Earth could go around the sun, with the same speed for billions of years, with its friction with space?

Why are the planets round?

Many times, I have mentioned "rotation." Rotation is different from spinning. If the Universe was just spinning, all the planets would be an elliptical shape not round. This rotation makes every tangible element - round. This is another reason to prove that the Universe is not flat, and it is not infinite. So, rotation is the combination from west to east and from north to south or a vice versa combination. This rotation makes everything round.

The rotation of the Universe is bringing more benefits into the Universe; for example, it is making all the galaxies rotate in opposite directions. Furthermore, any rotation of planets creates friction with the space and generates tremendous electromagnetism into the galaxy. All these combinations are working together, at first all the galaxies float in the space of the Universe, and the weightlessness of galaxies and its rotation cause all the planets to be weightless inside a galaxy. Another major role inside a galaxy is eliminating the torque caused by the rotation of planets inside a galaxy.

To explain the torque of the planets, I should convey a simple example that everyone will understand:

The opposite rotation (universe & galaxies) theory based on duality is functioning exactly like Newton's law of Action-Reaction: for any action there is an equal and opposite reaction. The science of opposite rotation, or speed in physics should be studied more if mankind wants to stay and live in the space of the Universe for a long time. There was only one experiment and test, as far as I know, which was conducted in 1974. Princeton University physicist Gerard O'Neill presented a design of a large freestanding orbital habitat consisting of large cylinders spinning along an axis at a rate of about one rotation per minute, just fast enough to simulate centrifugal force along its inner surfaces, and linked it to another cylinder spinning in the opposite direction which eliminated the torque (allowing one to walk upright).

Another good example of opposing speeds making an object look like it is standing still is when we walk on a treadmill. As we adjust our speed with the treadmill's speed, it makes us look stationary. The same effect happens on an escalator if we walk in the opposite direction of the escalator's rotation. Another natural example is when a mouse is running in one direction on a wheel and the wheel is going in the opposite direction, the mouse appears to stay in the same place. And I am sure everyone has observed while riding in a car or a train, that when we see an airplane going in the opposite direction, it seems to us that the airplane is standing still.

This hard evidence and principle of duality applies on a larger scale to the Universe as well, in which the Universe goes in one direction and the galaxies go in the opposite direction, creating this magnificent phenomenon that objects remain at a standstill in all galaxies' planets. It is not the Gravity of a mass holding them but the opposite rotations holding them, so to speak.

Recently the astronauts proved that a natural occurring spherical shape is occurring in space using water. The molecules of water attached to each other and created their own globular shape in the space shuttle. Why? The mass of each molecule of water held each other through molecular gravity and created this remarkable shape of a sphere, with the help of the Universe's rotation.

Interestingly, part of this experiment was when they pushed a heavier object (a camera) into the globular shape of water and the molecules of water held the heavier object in the center of the water, and the water surrounded the object while still holding its globular shape. This phenomenon was proven right in front of our eyes with a few important points.

The water must be intelligent to hold itself in such a shape, and it must be pushed to create it in that representation. It is obvious that the force is coming from the Universe. The hard evidence of the nature of the Universe is that it is making all the planets (over

three trillion of them) this way. It does not matter how small the unification is, such as water in the space shuttle or how large it is, like the planets or suns; because all of them are in the space of the Universe. So, the spherical shape of all the planets is coming from the Universe. It's possible that even the spherical shape of the DNA of the Universe (Hydrogen) is coming from the Universe as well. Anyway, the intelligent molecules of water are following the nature of the Universe to create such a shape.

Therefore, by the experiments that we have at hand and the science that we are practicing and with the astronaut's experimentation in space, many more things are becoming clear. To analyze this evidence, it brings us to several conclusions.

1) The Universe is not infinite, because infinite does not have an inside or an outside to create a movement. Infinite, to our standard, is Relative; but an absolute infinite is static and has no movement to create the law of action-reaction.

2) The shape of the Universe must be spherical and have such rotation to make all the planets spherical. Up to this date none of the scientists have ever figured out the significance of the spherical shape of the water in NASA's space shuttle experiment, because the Big Bang theory does not give them incentive or clues. The only reason that all the planets are spherical and the unification of atoms and molecules in space is circular is that they are coming from the rotational force of the Universe. There is no other explanation for this phenomenal shape. It is impossible for a flat Universe to duplicate this effect.

3) The rotation of the Universe makes zero gravity in space. Because, if there was gravity in space, none of the planets would have spherical shapes due to the gravity force in the region. I.e. The BB theory is stating that our Sun has a strong enough gravity to hold a planet within billions of miles of its territory; then why is a tiny space shuttle not pulled by the Sun? Or why is the earth's atmosphere not pulled away by the Sun's gravity? Instead, it surrounds and protects the Earth due to the rotation. Suns are made of Hydrogen and Helium, and act intelligently based on QM. If the Sun had strong gravity, its body would not have a variation of speed. Therefore, the Gravity is QM, which exists in the molecules of the water (the atom) and the gravity is smart to hold the water's universal round shape. Consequently, it brings us to the conclusion that gravity is one of the fundamental elementary particles inside of an atom. The detail is in my "Gravity is a Myth" and "SUN" articles.

4) The Gravity must be inside the atoms of the water to hold each other to create a spherical shape. The reason is that we know that most elements in space are Hydrogen, Nitrogen, Carbon, and Oxygen, and are coming from their unification in space, which the force is inside of this unification. The reason that our Sun has different speeds of its body's rotation is because of its unification in space. It is made of light elements of sun-hydrogen and sun-helium. The dome shape of a drop of water on a surface of a flat top is more evidence and another good example of this unification.

5) The rotation and nature of the Universe pushes heavier elements to the center, like on our Earth, heavier elements are pushed to the center. The functional inner core of the Earth is the result of pushing heavier elements deeper towards the core of the Earth, and this creates friction which causes the tectonic plates to rub together and generate an Earthquake; and on the other hand, volcanoes are sending lighter elements to the surface of the Earth, based on QM action and reaction. These phenomena are happening to all the planets all the time. The experiment of placing a camera in the spherical shape of water in the space shuttle is good evidence of heavier elements being held towards the center. For more details you can read my "Gravity is a Myth" article in this regard. (Up

to this date scientists do not know, what causes two inner plates to rub together).

6) The rotation of the Universe is making the galaxies inside the Universe weightless, and the weightlessness of the galaxies must have opposite rotation from the Universe's rotation to keep the Universe weightless as well, based on the duality principle; thus, the whole universe must be the center of an infinite location.

7) This phenomenon of opposite rotational directions makes any object on any planet in any galaxy stand upright on the surface of that planet due to the torque, i.e. humans can walk on the moon, the rover on Mars can maneuver, and we on earth are the best evidence of this occurrence; it is not the mechanical gravity that has been taught to us for a century.

8) The rotation of the Universe is situated in such a manner as to manage all these hundreds of billions of galaxies all around the Universe, depending on the size of the galaxies and how they are situated in the Universe. Not to mention that each galaxy is unique. Each has a diverse rotation with various speeds based on where they are in the Universe. Each has a different survival mode, and all want to survive in the crowded space of the Universe, and the Mother Nature of the Universe has a responsibility to protect them all. When it comes inside of a galaxy, there are thousands of variations of rotations that exist among all the planets which, most of them, mankind cannot understand because each planet's behavior is different. However, the rotation of a galaxy in the Universe has its own rotation in order to protect its planets inside its galaxy, depending on the location of that galaxy in the Universe.

FYI: There are several theories that exist for the geometric shape of the Universe. By today's calculation, one of the most common ones, which the Big Bang fans are suggesting for the shapes of the Universe, is that it is flat like a sheet of paper or a rounded flat shape. Another theory for the geometric shape of the Universe is like the surface of a saddle, which curves into the infinite, and recently some people think it is a donut shape.

How does the Universe manage all these galaxies?

The mastermind of the Universe is showing us, with the strongest evidence of this remark, that by grouping all the galaxies at a moderate distance from each other and separating them with a special space, called Raw-Space, it makes it difficult for galaxies to interact or interfere with each other, unless, the Universe wants it to, for a specific reason. The colliding of galaxies is meaningful for the Universe, or to move them around, and has its own principles that mankind would never be able to understand. It is obvious that when the Universe was born, it was very small and by the nature of its growth to get to its current size, it went through billions of these collisions and movement of galaxies.

The raw-space between galaxies is a very clear space with temperatures below absolute zero (no temp) that makes it impossible for an atom to survive; which means that even sunlight does not exist outside the galaxies. In simple terms, it makes it impossible for us to travel between galaxies because anything that we are carrying that is made of atoms needs temperature to survive. This scenario is one of the characteristics of the Universe. Thus, since there is no temperature, there is no wave either, based on the physics that we know; therefore, nothing is moving between galaxies; not even Gravitational wave as LIGO is claiming.

The separation of galaxies is hard evidence that sunlight cannot travel forever or to infinity as it cannot travel between galaxies. However, there is no spot in any galaxy without temperature and so the sunlight can travel throughout its galaxy only, but then its

body is faded by wave-temperature into raw-space. Therefore, we can communicate all over the galaxy because of the quality of space that is holding Wave-Temperature, but not outside our galaxy. For more detail read my SUN article that is rejecting mechanical spacetime and presenting QM General Relativity.

When we come into a galaxy, each galaxy has a precise movement that is coordinated with the Universe's rotation and each solar system is coordinated with the speed of the galaxy. Furthermore, each planet is following the solar system's laws and movements. In general, there are a lot of things going on in each galaxy and it needs a well-built organization to put all these planets on the right track in the limited space of a galaxy.

As you can imagine, all the elements in the Universe are connected, like a tree. Every building block from the smallest element of an atom, to our Earth, to the largest element of the Universe, Space, and the Universe itself must work together to fine tune this huge place.

Since all the scientists observed and agreed that the Universe is expanding, it means that the three dimensions of space increase at the same rate, and it makes the distance of each galaxy spread away from each other and the edge of the Universe is getting stretched away from the center.

The center of the Universe is where all the commands are issued; but what kind of power is actually running the Universe is a mystery; but this huge organization needs a center to run it. From the Universe's current size, each time when the volume is increased, more new raw galaxies are born. As the Universe is rotating, the raw galaxies become independent of each other and slowly spread apart from each other diving into the Universe. It is a mystery as to how the Universe manages all these new galaxies and separates them in moderate distances from each other, or maybe in some occasions, it makes one galaxy out of two. All my intuition is explicit in that the Universe is a smart entity and feeds itself from outside. That is why it is working accordingly.

How was the Universe born?

Up to this date, all the scientists think that the Universe is mechanically creating its own energy, mass and gravity, but by trusting in Quantum Mechanics principles and duality for the foundation of the Universe, you will realize that an entity cannot produce its own energy and mass, period. The energy must come from outside the Universe, where the infinite space exists. In simple form, no entity (species, tree...) can create its own energy and grow.

FYI: Based on the Big Bang theory, scientists do not know where all the matter (mass) in the Universe is coming from and they don't know how all the galaxies are created; but they are thinking that it is a mechanical phenomenon.

Thus, when we want to compare our hollow spherical Panpsychist Quantum Mechanics Universe with that of a theoretical mechanical flat Universe with infinite space, we would never have circular rotation around any sun or planet not even mechanically, or I would strongly demonstrate that we would not have round planets at all in a flat Universe. All the planets would have odd shapes.

To extend this argument, the Big Bang explosion never would have created the larger planets that we have discovered in recent years, nor would it create unification of elements in space. A flat

Universe would never increase the number of galaxies and galaxies would never collide together because of the one source of the Big Bang explosion. A flat Universe could never create the billions of galaxies and separate them from each other in such precise size and movement with moderate distances from each other and operate all the planets and solar systems inside of galaxies in such a harmonious manner and create all these galaxies from a primordial atom that we don't know anything about!

After all, a Universe could never, ever be created in a fraction of a second, with a hundred billion degrees or as some scientists are saying trillions of degrees. High temperature would never create an atom, because such an imaginary and unscientifically high temperature would destroy atoms. And objects of matter can never travel with the speed of light as they claim.

The matter in the Universe is made of two kinds; one is a chemical element, the smallest, strongest, and most complete unit of the universe which is hydrogen, the ancestor of all the elements of the periodic table. The second one is the matter which is not an atom which we should call a Particle. This subject has a long journey, but it should be mentioned that these two have one thing in common, **mass**. Mass will never be able to travel at the speed of light, and the speed of light cannot have any relationship with mass, period. This is the law of physics that the Universe taught us, and we should follow the nature of science. Yet for no obvious reason, scientists believe the Universe is a complicated mechanical entity, but it is not. It is a Quantum Mechanics Universe, if we are to be faithful to science.

The only option left to us as an explanation for the creation of the Universe is a Universe with a pre-staging period or that is pre-destined; where its energy (sun-hydrogen) and its mass (life-hydrogen) are created outside of the Universe. **Its energy is coming from outside and is born inside the space of the Universe by a Space character that we do not know much about. Space to an atom is like oxygen to us.**

The space of the Universe is the most precious element of the Universe. It has many quality characters that we do not consider as functioning elements of the Universe, besides holding things. Space should be considered as an element of an atom, because intelligent "Space" needs the right temperature to have better quality to hold an atom at the right size. The right temperature and the right condition (pressure) for space, it makes it possible for the hadron to communicate with the electron better. Unfortunately, by today's evaluation, the "Space" of an atom is never considered as an "Intelligent" property of an atom.

At this point, it is very important to mention this fact, that temperature and pressure influence all atoms due to the quality of space; and by considering that gravity is operating from inside of an atom (as evidenced by the experiment with water in the space shuttle), it leads us to realize that we are not on the right track to knowing an atom either. If we consider gravity as the controller of the electron(s) based on the quality of space in an atom, and that it is working in the atom as one of the pansychist constituent elementary particles, then it leads us to believe that electromagnetism in the atom does not exist to control an electron(s). Frankly, it is hard distinguishing the natural force of gravity and electromagnetism in the small compartment of an atom. But all the evidence shows that there is no evidence of electromagnetism in an atom, nor can electromagnetism control multi electrons in an atom, because of its duality of positive/negative force.

Traditionally, electromagnetism is a theory in the atom since the 1700s, to control the electron; but, when an atom has two electrons, then the controlling electron by electromagnetism is becoming theory again, while natural Gravity inside of an atom would still be more practical to count an atom as a complete entity. In addition, we know that temperature and pressure does not affect electromagnetic force. Furthermore, electromagnetic force is a force, and any force is the result of two or more elements outside of an atom.

As we mentioned before, the Universe is a quantum mechanics phenomenon. The quantum mechanics' law is following duality (sun-hydrogen & life-hydrogen), and it would have to be a hollow and spherical Universe with rotation backed by a quantum mechanics foundation and structure to have such a perfect tuning. In layman's terms, we are duplicating the Universe in all aspects.

FYI: When the scientists were delving into the atom, they found out that all elementary particles are following duality.

It is obvious that everything needs to have a quantum mechanics beginning, and through time, it is born, develops and becomes complete and functions accurately. The Universe had to go through a quantum mechanics foundation in order to come to this finely tuned stage.

The sun-hydrogen started to create atomic sized suns at the first moment of creation. The sun-hydrogen is like any other element in the universe, the unification of them is natural to create larger spherical suns. The sun's duty is to support Life-hydrogen or sustain the existence of atoms or molecules. As you can see, suns were created right after the creation of space, not billions of years after creation. You can read more about the formation and duty of a Sun in my SUN article or my book The Quantum Mechanics Universe.

At the first moment of creation, the life-hydrogen started to make heavier elements. Let me say that, the mass of the Universe, the elements of the periodic table, and dirt and rocks are unknown factors to the Big Bang supporters. To explain this secret is very clear under a quantum mechanics principle. I.e. when two hydrogen interact together to create heavier atoms (Helium etc.), it always leaves a residue; because two nuclei are becoming one nucleus. This small amount of residue becomes dirt, rock and stone that we are witnessing on all the planets. They are not chemical elements, but are friendly to chemical elements, and they are the source of holding nutrition for vegetation and species like us. This section also has its own long explanations. But at this point, it is appropriate to say that up to this date, the unit of mass is unknown. By QM, the unit of mass could be based on this residue of two hydrogens, when they are producing Helium.

The Mother Nature of the Universe is holding all its properties to itself like its offspring, like a chicken sitting on its nest. As we know, the offspring generally look like the parents; therefore, the shape of all the planets must be round and spherical like the Nature of the Universe. To extend this thought, it would be appropriate to say that an atom is duplicating the Universe and the Universe is duplicating an atom. Everything from the beginning started with a spherical shape and a composite of building blocks.

Now we know the Universe is a spherical shape, so the formula for a spherical shape applies to the Universe as well. The formula for a spherical shape is:

$$\text{Volume} = \frac{4}{3} \pi * r^3$$

When the Time ticks, a certain amount of Space is added into the Universe. When we look at the formula, it is clear that the volume of the Universe, with each tick of Time, is increased rapidly.

Just briefly, when we look at the formula, it has one variation and that is the (r) . To shorten the formula, it would be $4.186 * r^3$. If (r) is one; the size of the Universe would be 4.186 units. And if (r) is two, the size of the Universe would be 33.488 units. If (r) becomes 100, the volume would be 4,186,000 or over four million units. (The unit is indecisive).

As you can see, the size of the Universe drastically increases with each tick of Time, and that is why we have such a huge Universe.

Imagine that at the first moment of creation of space, the Universe was about the size of a pig pong ball and was occupied by a non-chemical element such as dark-matter energy and just a few percentages of it was two kinds of inside-out hydrogen atoms or the DNA of the Universe. And when this DNA interacts with Space, it is born, and becomes a full-grown atom. It is obvious that that percentage was ideal for creating the rotation of the Universe. This unprecedented statement that the DNA of the Universe has two kinds of hydrogen with no-space inside the dark-matter is very believable for all of us.

It is the same with us. When we were in our mother's womb, our DNA is the result of two genes (male & female). Our intelligent DNA multiplied during the nine months to become complete and as we breathe oxygen in our lungs, we are born and then we start to follow our journey.

The DNA of the Universe resembles us. They must be produced outside of the space of the Universe, where there is no space, to become a complete entity and are born when they get touched by Space. And each DNA follows their journey of life. The DNA is carrying a very large number of the constituent elementary particles, many of which we do not know, but my instinct is telling me this DNA is holding all the characteristic elements that we have in the Universe based on duality, such as consciousness to act to each other, curiosity to make heavier element, love & hate, taste, color, odor, etc...

The hypotheses that most of the Universe was dark-matter, makes us realize that the Universe was not born by a high explosion, like the Big Bang theory postulates. It should be mentioned that, the scientists believe that, about 350 million years ago the Dark-matter in the Universe was more than 50% in the space of the Universe, but now it is about 25%.

The reason that the Universe has massive empty space is because most of the life-hydrogen creates the heavier elements of the periodic table, which increases the open space.

Before going on to what other benefits the rotation is bringing into the Universe, I must say that, the ingredients of the whole Universe come down to four things: *life-hydrogen*, *sun-hydrogen*, *dark-matter*, and most of all Space. The Space makes an inside-out atom a full atom. All these four connect together to create everything in the Universe and for the expansion of the Universe that is controlled by Time. The Time is the central headquarters for controlling the whole Universe. We must put this in our mind that, the creation and reproduction is part of the Universe's character of the Grand Design before creation.

The first tick of Time created a small portion of Space in the center of today's Universe. The foundation of the Universe's rotation started right after Time created visible Space out of invisible space (Shadow-space). Everything started from this beginning, such as movement, spin of rotation, life (atoms), and intelligence (atoms); and like anything else, as time passes everything grows, and the Universe has grown to its massive size today.

At the earliest stages, the Universe was just expanding and creating energy; and it was a melting pot of mini-stars, hydrogen, helium, and maybe a little of the heavier elements with a high percentage of dark-matter. As the Universe grew, it came to a size that needed to create two little miniature galaxies from a larger galaxy. This is the best way to describe how the Universe got its first and second galaxy. Now we are witnessing billions of larger galaxies.

The best metaphor to picture the Universe better at this point, is to think of an apple tree or any fruit tree. At first, we put the seed underground, after some time two little leaves start coming up out of the ground. Then a little trunk is shaping, and then it starts to branch out and grow, and finally hundreds of apples (fruit) are hanging from strong branches.

My perception of this huge organization of the Universe, like the apple tree, is smart, it gets its nutrition from outside of its body same as the Universe. Thus, the Universe is holding infinite smart elements inside it and, in a very mysterious way, when it needs some adjustment it will do so.

The operation of Time (biological age) is a mystery, how it ticks, or when it ticks. It will probably stay a mystery forever. But one thing is for sure, it is representing the biological time of the Universe. If this Time stops, it means, it is the end of the Universe. I strongly believe Time and Space have a communication wave-like tool to communicate with each other. This wave is a special wave that can travel through all the space of the Universe including between galaxies and throughout all the galaxies. Remember nothing can escape this growing process; nothing can suddenly become complete in an instance (such as the BB).

Here I should mention that LIGO claimed that their organization detected a gravitational wave from a billion light years away. My strong intuition is that this recording on their instruments was not a gravitational wave but that it could be this wave of Time-Space; because this wave can travel all over the Universe, even through the raw-space between galaxies. As they mentioned, it is absolutely correct that this news can change the perception of knowing the Universe.

All the products of the Universe, after creation, are **primary elements** and they are mass-less, shadow-less, volume-less; such as wave, temperature or photons, and electromagnetic force. Here I must add that "Space" has such character to hold wave and temperature and create electromagnetism by the friction of planets into space (read Jupiter). Therefore, the space of a galaxy is never empty, even if it looks empty, because it is always carrying wave, temperature, character, quality, and maybe electromagnetic force, which are mass-less. By having said this unprecedented statement, the theory of matter/anti-matter would be in jeopardy; because the BB theory is stating that as much as the Universe is creating matter, it must also be creating anti-matter too. However, there is no evidence of anti-matter, neither inside an atom nor outside an atom, and that is why these two, matter/anti-matter, still are in

theory along with electromagnetism for over a century.

The Movement of the Planets

Generally, all the planets and even the galaxies have a minimum of three movements: rotation on their axis, forward movement and positioning.

Everything in the Universe has at least these three movements. The major one that we can see is the *rotation* or spin of the planets or stars or galaxies on their axis. The second one that most planets have is their rotation around a sun, or their *forward* movement. And third, each planet, or sun, is moving with the galaxy's movement or positioning.

The three movements of a galaxy are as follows: The first, rotation on its axis, is called **horizontal movement**; which we can see in pictures of galaxies in the Universe. It shows itself as twisting and spiral shapes. Second, the region pulls with a forward force and an upside-down rotation or a **somersault movement** which is coordinated with the rotation of the Universe. This is also clear when we see pictures of galaxies; each has different angles or positions. Third, the galaxies are shifting as the Universe is expanding - **positioning**. All these movements are fact and have been observed by scientists around the world.

The three movements of the galaxies are meaningful, which gives us a strong clue that the Universe is hollow and spherical, rotates on its axis and divides into two regions of Up and Down or North and South, apparent by the evidence that we have on Earth and the positioning of galaxies in space. Therefore, direction, north and south, is Relative.

To better understand this unprecedented statement, we must start from our earth and move on to a universal perspective.

The scientists have observed that the Earth is changing its polarity every so many millions of years, but they do not know how or why. When the somersault effect of our galaxy passes 180 degrees from its starting position in relationship to the Universe, the polarity of all the planets inside of the galaxy change and that includes our earth. This remark has been proven, when every thousands or millions of years or so, the earth's polarity is reversed; as in, the North Pole becomes the South Pole and vice versa.

It has been mentioned "180 degrees" which is the somersault rotation point of a galaxy in relationship within the Universe's positioning. To put this in better perspective to understand this rotation, it means that the Universe has two sections of polarities, top and bottom or north and south.

Furthermore, it brings us to this conclusion: the northern galaxies have a different and opposite horizontal and somersault movement than the southern galaxies in the Universe. It is like on our earth, a hurricane and a typhoon are the same, but they rotate opposite each other because a hurricane is in the northern hemisphere and a typhoon is in the southern hemisphere.

To wrap up a few of the paragraphs above, it brings us strongly to believe the Universe is a well-built organization with a Quantum Mechanics foundation. It is not flat and infinite.

The spherical shape of the Universe is allowing us to analyze an unlimited number of stars and galaxies of an infinite three-dimensional horizon in the space of the Universe according to our standard of infinite. But imagine if that Universe was flat, we could not see all these galaxies because of a limited horizon. This is another way to say that the Universe is not flat.

The result of the above paragraphs is rejecting a few things. The space-time of a mechanical Universe does not exist; because, the planets in the space of Universe are weightless, due to these three movements of the galaxies. The flatness of galaxies is the result of the equatorial window of a quantum mechanics suns function, and they are born flat due to the expansion of the Universe. As a result, the mass of the planets in space does not count in a spherical Universe, as it does calculate in a mechanical universe as the General Theory of Relativity is stating. Thus, the mass cannot produce gravity; also, as it has been mentioned, gravity is a constituent elementary particle and functions from inside the atom.

The astronauts in the space shuttle are a good example of this phenomenon. It is strong evidence that their bodies do not have weight, nor are they pulled by any gravity in the space shuttle, yet they are still holding their own body's mass.

Conclusion: This paper in a sense, is highly controversial for all the above reasons; yet, it has been written to hold faithfully to the science that we practice based on the evidence of our Universe. There is nothing out of proportion or complicated, nor is it limited to just assumptions, such as with the mechanical BB theory that scientists are so committed to. All my devotion is to improve our science by introducing a Quantum Mechanics Universe (QMU) in all aspects.

Additionally, we are living in such a period of time, which requires us to review the past theories based on our evidence and advanced knowledge and update the old theories for the next generation. The QMU is bringing in many new concepts with the right principles, such as QM Gravity, QM Sun, QM Space, QM Atoms, and QM duality of creation, Absolute Universal Time, QM Wave-Temperature duality, and many more. All this seems to be working with all the criteria of science in physics and cosmology. Again, all these new theories are at a drafting stage, the entire application of these theories needs to be trimmed, modified, debated, and experimentally tested in detail to get rid of all the confusion of old theories that we are facing today. It is important for us to act sooner rather than later in this matter. Your critique is an essential key of improvement of this subject, and it does not matter how small your vision or approach is to this matter. Please share it with us and we will find an appropriate answer to any questions that you might have, also, please pass it along to others for a better result. Thank you.