# The infinity of science. Theory of everything.

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#### Abstract:

Theory of everything is the theory that fully explains and links together all physical aspects of the universe.

Theory of everything is one of the major unsolved problems in physics (1).

There is a philosophical debate within the physics community as to whether a theory of everything deserves to be called the fundamental law of the universe or not (2).

In my theory, I have explained all physical aspects of the universe. I have explained and linked together all the forces that exist in the universe such as strong nuclear forces, weak nuclear forces, electromagnetic forces, gravity, dark matter and dark energy.

Infinity may have a defined value if it has a definite unit.

For example, if we divide one by infinity  $1/\infty$ , it will equal one. That is because the unit of one consists of infinity of complex numbers. If we add together these infinity of complex numbers, it will equal that one.

When I want to express the term energy I should choose two logical, comparable and variable factors.

In my theory, I choose the volume and the speed of transportation of movement to express the term energy. As when volume decreases, the speed of transportation of movement will increase. And vice versa, when volume increases, the speed of transportation of movement will decrease. Volume can be reduced until reaching the infinity of speed and volume can be increased until reaching the infinity of volume. Then the universe has been formed by interaction between these two infinities in a definite unit, which is the universe. Thus, the two infinities will have defined values.

#### Key words:

Theory of everything; anti matter-dark matter; dark energy; entropy; gravity; expansion of the universe; special relativity.

# **1 - Introduction:**

There are many trials from ancient Greece to Einstein to get the theory that explains everything but they do not get it. There are some trials after that such as string theory, superstring theory and M-theory but all of these trials lead to more unsolved problems in physics.

In my theory, I take two variable factors related to each other. These two factors are the volume and the speed of transportation of movement. Also I use the rotational motion (spin) to express all types of movement in the universe.

2 - I choose the rotational movement (spine) to express all types of movement in universe.

That is because this type of movement (spine) collects all types of moving in the universe.

There are two directions only for the rotational motion.

These two direction are anti-clockwise and with clockwise.

This way of movement can also determine any type of geometrical shapes.

That is because the net force comes out from this type of movement may be in any direction so it gives rise to the all-geometrical shapes.



3 - The defects of Einstein's theory especially the special relativity (E=MC^2).

Special relativity depends on two principles (3):

Firstly, the principle of relativity.

The laws of any physical systems undergoing changes are not affected whether these changes have referred to the one or the other of two systems in uniform transitional motion.

This principle is logically true.

Secondly, the principle of invariant light speed.

Einstein used the light speed as a certain finite speed.

This principle is logically wrong.

Why?

That is because everything consists of parts, each part consists of another parts and if we talk about speed itself not light speed alone and about speed versus volume not mass, we will recognize that speed is inversely proportional to volume.

For example:

If we suppose that there is a subject composed of three parts "three quarks" and the net direction and speed can be obtained from the transportation of movement between the three parts such as a proton or a neutron.

Then we decrease the volume of this subject, while the kinetic energy is constant. We will recognize that the speed of transportation of movement will increase, so the net speed will increase.

Theory: 4 - Low of conservation of energy in the universe.

 $\mathbf{E} = \frac{\mathbf{C}^{\infty}}{\mathbf{V}^{\infty}}$ 

C = Speed of transportation of movement. V = Volume of anything.

When we decrease the volume, the speed of transportation of movement will increase. When we increase the volume, the speed of transportation of movement will decrease.

Logically --> Volume can be decreased until reaching the infinite range of speed  $C^{\infty}$ Volume can be increased until reaching zero range of speed when volume is infinite  $V^{\infty}$ 

 $\mathbf{C}^{\infty}$ 

-----= 1-->1 means unity--> that when one factor is zero the other factor will be infinity.  $V^{\infty}$  As in Riemann's sphere (4), if the unity has a definite value, infinity will be a defined value.

Infinite speed  $C^{\infty}$  = infinite volume  $V^{\infty}$ .



5 - Energy is stored in volume not mass.

- Imagine an ideal gas in a container.

- The container have a determined volume.

- Then we apply an external pressure.

Gas will be compressed.

Mass that determine the quantity of matter does not change and the volume only decreases.

The internal energy of gas will increase which called enthalpy.

Why?

The speed of the transportation of movement between molecules will increase.

Scientists called the forces of attraction and repulsion between atoms as Van Der Waals' forces (5).

Vander walls forces occurred by transportation of movement between electrons.

**6** - Any rotational movement should be:

With-clockwise.

Either <

➤ Anti-clockwise.

There is no other directions.

Attraction between two electrons occurs when they have different directions of rotation.On the contrary, repulsion between two electrons occurs when they have the same directions of rotation. Rotational movement of anything (spin) makes a centrifugal field around it.Attraction and repulsion occurs between the formed centrifugal fields.

7 - The presence of two universes:

We have only two directions for the rotational motion, which results in existence of two universes only.

These two universes are the universe of matter and the universe of anti-matter.

8 - Force of the creation of the universe:

The force that creates the universe acts with the clockwise direction leading to the formation of the anti-matter.

The movement starts from the infinite range of speed until reaching the infinite range of volume. Then the movement reflected in the anti-clockwise direction leading to the formation of matter. When the force that have started the universe reflected in the other direction, it lost some of its speed. Matter dose not reach the infinite range of speed so it does not reach the infinite range of volume.  $V^{\infty}$ 



The movement starts with clockwise direction From the infinite range of speed leading to the formation of anti-matter then the wave reflected in the other direction leading to the formation of matter.



The matter wave dose not reach the infinite range of speed nor the infinite range of volume. The difference between the speed of rotation between matter and anti-matter appears as a definite volume of infinite speed.



If we suppose a subject rotates with infinite speed, we will not recognize its motion as there is no centrifugal field. The volume will be zero and it will appear stationary.

When the speed of rotation starts to decrease, this will lead to increase the volume due to increasing the volume of the formed centrifugal field.



Thus, matter begins to increase in volume as the force reflected in the anti-clockwise direction but in a speed less than infinity.

When matter increases in volume, it will attract the anti-matter, which rotates in a different direction of rotation.



9- The steady state of matter.

The matter increases in volume until reaching the range that the volume of matter is relatively equal to the volume of anti-matter. It is the range of the formation of iron. Then iron has fallen down because anti-matter attracts the matter causing interaction between matter and anti-matter.



Anti-matter reaches the infinite range of speed, so it attracts matter causing its reflection.

### 11-The formed mediums of matter and anti-matter



12-The contact between matter and anti-matter.

There is a contact between the matter and anti-matter due to the interaction between matter and anti-matter.

How?

Anti-matter presents in a higher-energy than matter. That is because the anti-matter reaches the infinite range of speed but the matter dose not reach it.

The rotational motion of anti-matter is reversing the rotational movement of matter like two gears attached with each other.

The anti-matter will attract the matter to its direction of movement as the second low of Newton (6).



The attraction forces between matter and anti-matter like two cars, each car takes a different direction than the first direction.

The two cars are attached to each other in a certain point that allow the movement transportation to happen.

The car on the way no.2 is faster than the other car on the way no.1.

The car no2 will attract the car not to its direction by force of Newton.



Matter rotates anti-clockwise ----->slower spin -----> bigger volume.

Anti-matter rotates with-clockwise -----> faster spin----->smaller volume.

Anti-matter attracts matter to its direction of rotation.

13-Movement transportation between matter and anti-matter.

It occurs in several steps because there are different media that formed during interaction between the matter and anti-matter.

That causes formation of different kinds of force carriers acting in one direction only. It is the direction of the anti-matter as it rotates with clockwise.

14-Force carriers formed by attraction of anti-matter to matter are:			
1- Gravitons, which cause gravity . They act on the photonic medium.			
Photons are mass less (7) because they have infinite range of action.			
Photonic medium has infinite			
We cannot observe the charge nor the mass of the photonic medium.			

The cause of gravity of the universe -----> because a part of the anti-matter reaches the infinite range of speed.

2- W-bosons and Z-bosons, which cause the charge, occurred between electrons.

They act on the neutrinoic medium.

Charge can be observed because neutrinos have a finite range of action. W± bosons act on the two directions as it transports the movement from the highly energetic electrons to the neutrinoic medium so W- bosons can affect the charge. Z-bosons can affect the momentum only not the charge.



4- Infinite range of speed.

It carries the movement transportation between gluons so gluons are massless (9). That is because the speed of movement transportation is infinity or reach to infinity. All these force carriers can affect each other.

Movement transports between mediums, these mediums look like gears attached to each other.





Time determination depends on changing of the movement.

As we go up the matter will increase in volume so the speed of transportation of movement will decrease and the moving momentum will increase.

As we go down the matter will decrease in volume so the speed of transportation of movement will increase and the moving momentum will decrease.

15-The definite volume of infinite speed.

It formed when the anti-matter wave reflected in the reverse direction of anti-matter leading to the formation of the matter but with lower speed than the anti-matter as the matter dose not reach the infinite range of speed.

The difference of energy between the matter and anti-matter appears as a definite volume of infinite speed.

This volume of infinite speed acts as a source of energy for the universe as the force is starting from the infinity of speed to reach the infinity of volume.



# 16-Entropy and arrow of time.

Entropy always have a positive magnitude (10).

Entropy happens due to existence of a constant source of energy in the universe.

This source of energy is the definite volume of infinite speed.

This definite volume of infinite speed transports the movement to the anti- matter then to the matter, so it leads the matter to increase in volume. That is because the energy starts from the infinite range of speed to reach the infinite range of volume.

When we go up the interaction between the matter and the anti-matter decreases leading to other phenomena to happen such as dark matter and dark energy.



17-Dark matter and dark energy.

When we go up the interaction between the matter and anti-matter will decrease leading to formation of dark matter.

When we go up more the interaction between the matter and the anti-matter will decrease more than the state of dark matter leading to formation of another state, which called the dark energy.

Dark energy has more speed of expansion than the dark matter.



Black holes formed due to the interaction between the matter and anti-matter after reaching the steady state.

The steady state happened when the volume of the matter is relatively equal to the volume of antimatter. In another ward, the energy of the matter and the anti-matter is relatively equal.

Black holes have a tendency to shrink and attract any thing around it.

That is because black holes consists of matter that envelops the anti-matter, which is in contact with infinite speed range.



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# **19-The biggest black hole in the universe.**

The hole formed due to the interaction between the whole waves of matter and antimatter in the beginning of the universe. The universe is not simply connected as in Poincare conjecture. The biggest black hole is the site of transportation of motion between the two universes. The two universe are the universe of matter and the universe of the anti-matter.



Where matter dose not reach the infinite range of speed nor the infinite range of volume. Anti-matter reaches the infinite range of speed only so it causes a very high degree of attraction inside the black hole.

20-The transitional state of matter.

It is the state that leads the matter to pass through the infinite range. The matter transformed to anti-matter then to matter again.

The presence of the definite volume of infinite speed supports this transitional state as it gives the energy to the anti-matter then transformed to the matter. In another ward, this definite volume of infinite speed helps this cycle to be continuous.

---At the atomic level, the transitional orbital of the atom represents this transitional state of matter

Such as orbital D.

---At the universal level, the sun represents the transitional state of matter.



# 21-The transitional orbital.

First, how the energy transports from the anti-matter to the matter?

Mesons produced from interaction between quarks of sub atomic particles of matter and antimatter. Mesons begin to loss some of its speed of rotation so they transform to electrons of high energy.

These electrons of high energy make a vibration in the neutrinoic medium producing electron neutrinos. The highly charged electrons produced from transformation of charged mesons spreads the kinetic energy throughout the neutrnoic medium.

W-bosons are the force carriers for this moving momentum.

Second, how the energy transports from the matter to the anti-matter?

Anti-matter attracts matter because it reaches the infinite range of speed. The attraction of anti-matter to matter happens through different media of matter leading to formation of different kinds of force carriers such as W<sup>+</sup> bosons, Z bosons and Higgs bosons. The electron changes to Muon due to this interaction.

Muon is an elementary particle, which carry a negative charge like electron, and has a greater mass than electron.

Muon begins to convert to another elementary particle called Tau by the force of attraction of the anti-matter. Tau transforms to mesons and transports the moving momentum to the quarks of the neutron of the matter.

The neuron of the matter is in contact with the anti-proton of the anti-matter. The proton of the matter is in contact with the anti-neutron of the anti-matter.



22-The solar system.

The solar system represents the transitional state of the matter at the universal level. The earth contains what like proton and neutron of the atom but in very large scale. The sun comes out the proton of the earth as highly energetic particles, which rotate anticlockwise. These highly energetic particles have high speed of rotation so these particles are not observed. The sun begins to increase in volume as the energy starts from the infinite range of speed to reach the infinite range of volume.

When the sun comes out, it makes vibration in the photonic medium and transports the kinetic energy to the entire universe.

The sun comes down by the effect of attraction of anti-matter so it begins to decrease in volume and rotate in the reversing direction producing anti-matter. The resulting anti matter will be with low energy so it will react with matter, which is already formed causing a nuclear infusion of the matter content.

When the sun approaches the earth, it will lose its matter content as sun explosions and sun winds. Then the sun transforms completely to anti-matter and interact with the neutron of the earth.



Anti-matter rotates with clockwise and the matter rotates anti-clockwise.

### 23-The earth.

The earth rotates anti-clockwise as a flat surface .it looks like an electron orbital in a first level but at a very large scale.

The earth has holes act like a proton and a neutron of the atom but in very large scale. The earth is surrounded by water from every side.

The way that Christopher Columbus took to reach America is the way that Alexander the great took to reach the place where the sun comes down. This place is Bermuda triangle. Christopher Columbus took the way of water surrounding the earth. The water surrounds the earth has no barriers so it rotates faster than the earth itself.

Why pilots and ships' captains did not discover this?

That is because when pilots and ships' captains depend on either the compass or the satellites. In case of compass, they will observe that the needle of compass turns gradually to the left following the magnetic field of the earth. This magnetic field starts from Salvbad –Norway to reach Bermuda triangle.

In case of satellites, satellites rotates also anti-clockwise by the effect of magnetic field of the earth.



The earth is surrounded by water, which rotates faster than the earth. Earthquakes caused by the effect of water pressure on the earth during its rotation.

Why we did not observe the flatness of the earth?

First, the photonic medium has an infinite range of volume for us to observe so our site range will be incomplete from the bottom and infinite from the above.

When we get higher, the convex surface will be flatter.



Third, the circle is simply connected like a sphere as in Poincare conjecture. Distortion of view happens at the south pole. There is a type of singularity at the north pole.





#### 24-Expansion of the universe.

There are two stages of expansion of the universe.

1- Inflation.

Inflation happened when the universe begins from the infinite range of speed to reach the infinite range of volume. As the anti-matter was reflected on the infinite range of volume leading to the formation of the matter .The matter increased in volume until reaching the steady state of matter where the volume of matter is relatively equal to the volume of anti-matter.

The stage where the matter increased in volume until reaching the steady state called inflation.

Inflation is a thermal radiating stage. It happened before the reflection of the matter wave after reaching the steady state of matter to interact with the anti-matter wave.

Inflation causes what scientists called the cosmic microwave background as the sufficiently sensitive radio telescope shows a faint background glow, which is almost isotropic.

It was a vertical inflation.



#### 2-Dark energy.

Dark energy formed when the wave of anti-matter reflected on the infinite range of volume leading to the formation of matter, which does not reach the infinite range.

The difference of energy appeared as a definite volume of the infinite speed.

The definite volume of infinite speed acts as a constant source of energy in the universe. It is the cause of entropy, dark matter, dark energy according to the degree of interaction between matter and anti-matter. As when we go up the interaction decrease.

The most degree of interaction between matter and anti-matter presents around the biggest black hole of the universe. The biggest black hole was resulting from interaction between the whole universe of matter and the whole universe of anti-matter in the middle of the universe.

The stage of inflation was in the vertical direction so a highly degree of interaction will be in the vertical direction .Thus, expansion of the universe during dark matter stage will be in the horizontal direction.



25-The flatness and horizontal problem of the universe.

The direction of expansion of the universe during the stage of inflation was vertical, so the highly degree of interaction between matter and anti-matter will be in the vertical direction. The direction of expansions of the universe during the stage of dark energy is horizontal. The universe has a tendency to be flat. That is because the rotational motion that collects all type of motion in the universe can be represented by in a flat surface.



The rotational motion collects all types of motions in the universe and the rotational motion represented as a flat surface.

The density of the universe has a tendency to reach the critical value as the density parameter  $\Omega$ , which defined as the ratio between the actual density  $\rho$  to the critical density  $\rho_c$  is approaching to be one. (11).

26- the four fundamental forces in the universe .

The interaction between the matter and the anti-matter has led to formation of different media and different kinds of force carriers.

When we go up the interaction between the matter and the anti-matter increases leading to formation of stronger force.



Each type of these forces can affect the other forces like gears connected with each other.

# 27-formation of different elements.

The universe started as a radiating thermal wave of matter, which has anti-clockwise direction of rotation. The matter wave attracted the anti-matter wave, which has direction reversing to the anti-matter. The matter increased in volume until it reach the steady state of matter where the volume of matter was relatively equal to the volume of the anti-matter.

The steady state is the state of formation of iron Fe.

The matter wave reflected after reaching the steady state because a part of the anti-matter connected to the infinite range of speed causing gravity of the universe. The wave of matter interacted with the wave of anti-matter leading to formation of different types of elements at different levels of interaction.

According to the degree of interaction between matter and anti-matter different kinds of elements have formed. The number of protons and neutrons inside the atom can represent the degree of interaction.

Elements formed at different levels of interaction between matter and anti-matter.



28-The composition of protons and neutrons of the matter.

The proton consists of three quarks in a transitional motion with each other.

The proton consists of two upper quarks, which have a baryon number of 2/3 (12). These quarks rotate anti-clockwise and the down quark has a baryon number of - 1/3 and rotates with clockwise so the net direction will be anti-clockwise.

The neutron consists also of three quarks in a transitional motion with each other. The two down quarks have a baryon number of -2/3, which rotate with clockwise, and the upper quark has a baryon number of 1/3 and rotates anti-clockwise so the net direction will be with clockwise.

The proton and neutron of the matter is in contact with the anti-proton and anti-neutron of the anti-matter.



Proton and neutron of matter is in contact with anti-proton and anti-neutron of anti-matter.

29-Sight of view of the universe.

Electromagnetic force is the force that collect all forces of the universe because it can act on the both direction. The both directions are the direction of anti-clockwise and with clockwise. Electromagnetic force includes the electric force and the magnetic forces where the electric force acts on the neutrinoic medium and the magnetic force acts on the photonic medium.

Electromagnetic shell formed around the universe due to the rotation of the whole universe of matter in the direction of anti-clockwise.

The universe is surrounded by this electromagnetic shell, which causes reflection of sight on its sides so we have the same sight of view.



The same sight of view of the universe.

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30-Beta decay.

Beta decay happens when the process of transportation of energy between the matter and the anti-matter is inversed as the matter begins to rotate in the reverse direction, in another ward the matter begins to rotate with clockwise.

Beta decay is happened when the energy that supports the presence of matter while the antimater has a higher energy level than matter.



That is why neutron is decayed to proton and electron with anti-neutrino.

**31-The star cycle.** 

Sun spreads the moving momentum throughout the universe. When the sun waves reaches the black holes , the sun waves starts to enhance the matter content of the black hole to increase in volume. Thus the black holes will transform to stars producing light waves.



# 32- Summer and winter.

There is a thermal conduction happened by transportation of energy between the whole universe of matter and the whole universe of anti-matter as the energy transports in the form of thermal energy. This transportation of energy is happened in the biggest black hole of universe.



33-The origin of matter and anti-mater.

The origin of matter and anti-matter is water. I can prove that by talking about the geometrical shape of water in stereo chemistry. Water has two polar bonds between oxygen atom and two hydrogen atoms. For equal distribution of energy around the oxygen atom, water molecule should be linear. Actually, water is not linear as the angle located between the two polar bonds is smaller than 180°. (13).

During inflation of the universe, some of the acting force of the infinite range of speed was stored in water. That is why water molecule is not linear.



Then the hydrogen atoms are released to form the full content of matter.

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34-How can we see the sun?

We can see the sun in the ozone layer of the atmosphere. The atmosphere looks like a dome of a mosque or a church above the surface of the earth. Ozone molecule consists of three oxygen atoms. Oxygen atom contains some of the infinite speed energy that allow the two bonds of ozone molecule to stretch.

When the sun waves falls down on the ozone layer, they make the two bonds of ozone molecules to stretch and increase the rotational movement of ozone molecules, and then ozone molecules transport the useful rays to us. Thus, we can see the sun.



35-The moon.

We can see the moon in the ozone layer by interaction between the sun field and the moon field as both have a rotational motion around the earth and spin. The route of rotation has a very accurate measure as the field of the earth and the field of the sun making descending sites of the moon, so we see different shapes of the moon.



### 36- How to be sure of my theory?

By applying a strong electromagnetic field on matter on the both directions.

	Anti-clockwise.	With clockwise.
Weight.	Decrease.	Increase.
Mass.	Decrease.	Increase.
Volume.	Increase.	Decrease.
Temperature	Increase.	Decrease.

**37-Some philosophical discussion.** 

I have approximately explained all the physical phenomena by one fundamental law. This law proves that the physical theory of everything coincides with the philosophical theory of everything. This means that the philosophical physicalism is true. As in religions, the infinity range is called the god and the definite volume of the infinite speed may be a holy stone in some religions.

The steps of creation of the universe.



In the infinite range, there is no reason for the initial force that makes the universe except by willing and here the science have to stop and the wisdom plays its role as the wisdom includes the science.

**37-Applications of the theory.** 

There are many applications of the theory in many fields. I will talk briefly about three vital things.

A- Rainfall or how it is raining?

I have talked before about water. Water is not linear because it contains some of the infinite force in the beginning of the universe.

Water located on the earth is in equilibrium state as the earth contains a high amount of iron. Iron is the only element that has an equilibrium between matter and anti-matter. Iron contains 5 free neutron which are not included in a nucleon. Nucleon consists of proton and neutron attached to each other with a shell determined by their centrifugal field.

These five free neutron are connected to the five electrons located in the transitional 3d.

When water evaporates and rises away from water surface of the earth, it begins to loss some of this equilibrium state. In another ward, the water content of the infinite range begins to start its effects.

Thus, the two polar bonds between oxygen atom and the two hydrogen atoms start to stretched and the potential of the two protons of the two hydrogen atoms will increase.

Increasing the Proton's potential means increasing the rotational movement (spine) of the proton. The potential difference between the two hydrogen atoms and the oxygen atom will increase. Clouds are formed around a nucleus such as dust. This nucleus contains iron.

Clouds, which have a closer potential difference, are gathering with each other.

When the cloud meets with sporadic molecules of iron carried by the wind, water begins to reach the equilibrium state again. The potential difference will decrease and some amount of energy will comes out. Hail is formed in the huge clouds only as the potential difference reaches a very high magnitude and lightning is formed.

How to make it rain?

By applying strong electromagnetic waves on the air in the direction of anti-clockwise, then impregnating the formed clouds with iron.



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#### **B-** The growth of plants.

5-amino levulinic acid is the precursor of most chemical compounds in living organisms such as chlorophyll and hemoglobin. The reaction rate of chlorophyll formation depends on this molecule. The formation step of this compound (5- amino levulinic acid) occurs by a protein called ALA synthase. ALA synthase contains a prosthetic group, which is pyrodixalphosphate, which is produced from vitamin B6. (14).

Pyrodixal phosphate contains a proton with low potential. Water, which have amount of the infinite energy, increases the potential of this proton, so this proton becomes capable of reducing the carboxylic group of glycin. Thus 5- amino levulinic acid will be formed, then 5- amino levulinic acid will form the tetrapyrole ring of the chlorophyll molecule.

Magnesium ion is the main constituent of chlorophyll. Magnesium is one of the elements, which have high potential protons. Magnesium is surrounded by pyrole ring of chlorophyll.

When the light waves fall on the chlorophyll molecules, the proton potential of Magnesium ion will increase leading to absorption of high frequency light waves from violet to green.

Then resonance occurs in the pyrole ring of chlorophyll molecule. This resonance make the potential of other proton to increase leading to absorption of light from green to red. That is why chlorophyll appears green.

How to enhance the growth of plants?

By applying electromagnetic field on the plants in the direction of anti-clockwise after saving the suitable conditions of growth such as light, air, nutrition.



C- Application of the theory in medications especially in the treatment of virus infections.

The virus contains either DNA or RNA molecules. All DNA or RNA bonds are either polar bonds or hydrogen bonds (15).

The proton's potential plays a great role in virus' mutations as when the potential of the proton increases, the proton can react at different sites of DNA OR RNA of virus causing its mutation. Scientists called that the jumping gens.

How to treat the virus infections?

By applying electromagnetic field on the blood in the direction of with clockwise to suppress the proton potential of virus DNA or RNA. Thus, we can inhibit its mutation.

In the same time, we should use chemical treatment such as anti-viral agents, which become more efficient.

38-Some discussions about numbers with the proof of Riemann hypothesis (16-18).

A-Each true number is a unit which consists of infinity of complex numbers.

As the number one can be represented as 1/2 + 1/2 or 1/4 + 1/4 + 1/4 + 1/4 or 1/... I can increase in numbers as I can imagine to infinity.

So the unit of one includes infinity of all complex numbers. The sum of these infinity of complex numbers will equal that one.

B- The unit of two contains infinity of complex numbers except half 1/2. As the unit of two represents the unit of one multiplied by two. 2=1\*2. And 1/2 multiplied by 2 will not donate a complex number.



C- The unit of four includes infinity of complex numbers except 1/2 and 1/4. As 1/4 \* 4 = 1 which is not a complex number. And 1/2 \* 4 = 2 which is not a complex number.

If we subtract the unit of two by the unit of one it will equal half.

The unit of 1 -the unit of 2 = 1/2.

The unit of 1 -the unit of 4 = 1/2 + 1/4.

So all even numbers does not contain 1/2.

So all non obvious zeros lie on a specific vertical line in the complex plane.

**D-** The prime numbers includes infinity of complex numbers except one complex number. For example:

The unit of 7 contains infinity of complex number except 1/7.

Each prime number except 2 is located between two even numbers . So the closer the real part of zeros lies to 1/2, the more regular distribution of the primes. That is because all even numbers do not contain 1/2.

E- The function of -1.

$$\sum_{n=1}^{\infty} = \frac{-1}{12}$$

 $1+2+3+4+5+\dots \infty = -1/12.$ Why?  $1 = \infty$  of complex numbers. -----> 1

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 $12 = \infty \text{ of complex numbers} - (1/2 + 1/3 + 1/4 + 1/6 + 1/12)$   $12 = \infty - 4/3$   $12 = \infty - 1 - \frac{1}{3}$   $12 = \infty - \frac{1}{3}$   $12 = -\frac{1}{3} - \cdots > 2$ By dividing 1 by 2. $\frac{1}{12} = \frac{\infty}{-1/3} - \cdots > \frac{-1}{12} = 3\infty - \cdots > \frac{-1}{12} = \infty \text{ in 3 dimentional x & y & z.}$ 

#### F- Dividing of minus one.

Dividing of minus one means that you rotate the unit of the one to get all the real numbers .



J- Prime numbers presents a state of rotational symmetry when the speed of matter is relatively equal the speed of anti-matter.

For example:

- 1 Can be represented as a dot.
- 2 Can be represented as a straight piece.
- 3 Can be represented as an equilateral triangle.
- 5 Can be represented as a square with a nucleus in the middle .
- 7 Can be represented as a hexagonal shape with a nucleus in the middle.
  - H- The geometry of the universe.

You can imagine the geometry of the universe by embedding a torus shape in three dimensional space as in Jon Nash embedding theorem (19).

When the universe begins to expand more, new manifolds are formed .

When the manifolds increase, the curvature of the universe decreases.

After reaching the infinity of manifolds as in Riemannian manifolds, the universe becomes flat.

**39-** Conclusion.

There are two variable factors, which determine the fundamental law of the universe. These factors are the volume and the speed of transportation of movement. The two variable factors are connected with each other as when we decrease the volume the speed of transportation of movement will increase. The volume can be decreased until reaching the infinity of speed. It is true logically and vice versa, the volume can be increased until reach the stationary state where

the speed of transportation of movement becomes zero. In addition, when we talk about a definite volume of the universe the infinity of volume will have a defined value.

There are a type of motion that collects all types of motions in the universe to give rise to all the geometrical shapes. This type of motion is the rotational motion (spin) which has two directions only with clockwise and anti clockwise. This type of motion collects all types of motion in the universe as the net force, which comes out by this type of motion, can be in any direction.

The rotational motion causes formation of two universes as the rotational movement includes two directions only. These universes are the universe of matter and the universe of anti-matter. The universe of matter rotates anti-clock wise and the universe of anti-matter rotates with clockwise.

The force acts on the infinite range of speed to reach the infinite range of volume. The direction of the beginning force is with clockwise leading to the formation of anti-matter then the movement reflects after reaching a definite volume. This force reflects in the form of definite volume of the infinity of speed. The formed anti-matter reflects but in the other direction of the rotational motion leading to formation of matter.

The matter increases in volume but in the other direction attracting the anti-mater which has already formed. The matter increases in volume until reaching the steady state of matter where the volume of matter and the volume of anti-matter is relatively equal. The formed matter reflects again because of the attraction force of the anti-matter leading to interaction between the matter and the anti-matter.

The thermal energy is the energy that started the universe because it is the energy that results from kinetic energy. Thermal energy has infinite range as it is mediated by photons, which have infinite range of action. So the cosmic microwave background was observed.

The interaction between matter and anti-matter causes formation of different levels of interaction. As the speed of the reflected matter increased gradually after reaching the steady state. This different levels of interaction cause formation of different kinds of forces and different kinds of elements and different geometrical shapes.

The interaction between matter and anti-matter lead to formation of the transitional state. The transitional state transports the energy from the anti-matter to the matter as this transitional state passes through the infinite range. This transitional state is represented as the sun at the universal level and as the transitional orbital at the atomic level.

The definite volume of the infinite speed supports the existence of the universe. This definite volume of the infinite speed gives the energy to the anti-matter to decrease the attraction force of the antimatter to the matter and causes the matter to increase in volume as the energy transports from the anti-matter to the matter throughout their contact with each other. The definite volume of the infinite speed causes entropy of the universe. The value of the caused entropy changes according to the degree of interaction between matter and anti-matter. This lead to formation of dark matter and dark energy where dark energy appears in lower degree of interaction than dark matter.

Black holes formed during the interaction between matter and anti-matter but in a very large scale. Black holes formed at the steady state of matter where the volume of matter and the volume of matter is relatively equal to each other. At that steady state, there is no transportation of movement or it has a minute value.

The sun passes through the transitional sate of mater so The sun transports the kinetic energy throughout the universe causing this black holes to illuminate as stars. Then after losing that kinetic energy they transforms to black holes again.

The biggest black holes in the universe formed due to interaction between the whole universe of matter and the whole universe of anti-matter. The transportation of movement between the whole universe of matter and the whole universe of anti-matter appears as a thermal radiation causing the summer and the winter.

All the attraction forces act in the direction of anti-matter and all the repulsion forces act in the direction of matter as the anti-matter rotates with clockwise and the matter rotates anti-clockwise. We can be sure of the theory by applying strong electromagnetic field on matter and observe the difference of magnitude in gravity, mass, temperature and volume.

#### **39- Results.**

Theory of everything explains all physical aspects of the universe so we can make a control on many physical phenomena. The theory of everything represents the infinite range of science.



The curve of science.

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