

# New Discoveries About Gravity!!!!

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- 1) New Calculation of Gravity Frequency in Solar Systems
- 2) New Discovery of the Structure of Gravitational Force Lines (Gravitational Fluxes) and Its General Model
- 3) The Possibility of Data Transmission, Tens, Hundreds, Thousands of Times of the Light Speed in the Universe
- 4) The Possibility of Creation of a Speed Close to the Speed of Light in Spacecraft
- 5) Discovery of the Theory of Everything!!!?
- 6) Creating a Gravity Power Plant Using Gravitational Turbines to Get Strong and Clean Energy Everywhere and Everlasting, at Any Time

## 1) New Calculation of Gravity Frequency in Solar Systems

It is clear that all the stars and planets revolve in orbits around each other which there are Gravitational Force Lines (gravitational fluxes) between them, and the effect of these lines creates stability and balance among planets and stars. In fact, it can be said that the force related to kinetic energy of a planet is always in action with the gravity force lines and causes equilibrium, and the kinetic energy of the planets has been always equal to the energy of the gravitational waves. It also balances the planet in its orbital path that continues its way with a specific velocity, a specific orbit, and so on. As a result, the kinetic energy must be equal to the gravitational energy.

$$\frac{1}{2}mv^2 = nh\vartheta$$

where “n” is the number of force lines passing through the surface of the planet.

Note: According to the calculated energy of the Photons, this is as follows:

**primary energy - rotational energy = Effective energy**

$$\frac{1}{2}mc^2 - \frac{1}{2}mr^2\omega^2 = h\vartheta$$

That this formula has already been proven as a formula for energy of photon and electromagnetic waves, and its paper has been published and distributed, the relationship between the energy of a planet and electromagnetic waves is as follows:

$$\frac{1}{2}mv^2 = n \frac{1}{2}m(c^2 - r^2\omega^2) = nh\vartheta \Rightarrow \vartheta = \frac{mv^2}{2nh}$$

As we said, “n” is the number of force lines passing through the surface of the sphere, so we have:

$$n = \frac{S}{S_p} = \frac{4\pi r^2}{4\pi r_p^2} = \frac{r^2}{r_p^2}$$

and:

$$\vartheta = \frac{r_p^2}{2h} \times \frac{mv^2}{r^2}$$

The value of the left side of the relation is constant as:

$$\frac{r_p^2}{2h} = \text{constant} \cong \frac{1}{10}$$

And finally the gravitational frequency will be equal to:

$$\vartheta = \frac{mv^2}{10r^2} = \frac{E_k}{5r^2}$$



### Important notes:

Although it seems that the properties of the central star do not take into account in the above relation, it should be noted that the effect of the central star force is on the planet's speed (v). In fact, it can be said that the speed amount of planets is the effect of the central star force. Gravitational waves can be considered as missing, strong, abundant and effective waves, but they are imperceptible.

It should be noted that gravitational waves can have a lot of energy and performance, like the conversion of hydrogen to helium in stars. The energy of these gravitational waves can be used on Earth as an energy source. By comparison, the amount of gravitational energy between Earth and Sun is equal to billions of billions of the energy of the atomic bomb (without using it). Now, according to the last formula, we compute the frequency of gravity for the earth:

$$\vartheta = \frac{mv^2}{10 r^2} \Rightarrow \vartheta_{Earth} = \frac{(5.97 \times 10^{24})(2.98 \times 10^4)^2}{10(6.37 \times 10^6)^2} \Rightarrow \vartheta_{Earth} \cong 1.42 \times 10^{19} Hz$$

Based on the above equation, the amount of gravitational frequency calculated for the planets of the solar system should be as follows:

**Gravitational Frequency Table of Our Solar System**

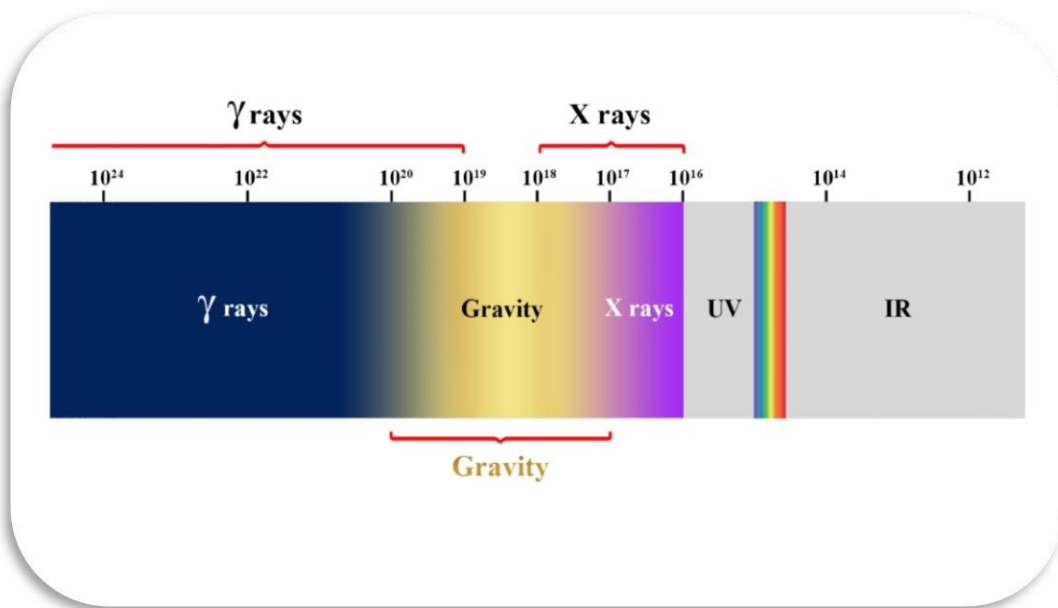
Planets	Frequency (Hz)	Mass (Kg)	Radius (m)	Speed (m/s) around the sun
Mercury	1.35E+19	3.30E+23	2.44E+06	4.74E+04
Venus	1.77E+19	4.87E+24	6.05E+06	3.50E+04
Earth	1.42E+19	5.97E+24	6.37E+06	2.98E+04
Mars	3.50E+18	6.42E+23	3.39E+06	2.40E+04
Jupiter	7.21E+18	1.90E+27	6.99E+07	1.31E+04
Saturn	1.71E+18	5.68E+26	5.82E+07	9.68E+03
Uranus	6.78E+17	8.68E+25	2.54E+07	6.80E+03
Neptune	5.41E+17	1.02E+26	2.46E+07	5.43E+03
Moon	2.34E+18	7.34E+22	1.74E+06	2.98E+04

Planck Constant (Js) 6.63E-34

Photon Radius (m) 1.20E-17

And according to the results, the position of gravitational waves in the electromagnetic waves spectrum will be as follows:





## 2) New Discovery of the Structure of Gravitational Force Lines (Gravitational Fluxes) and Its General Model

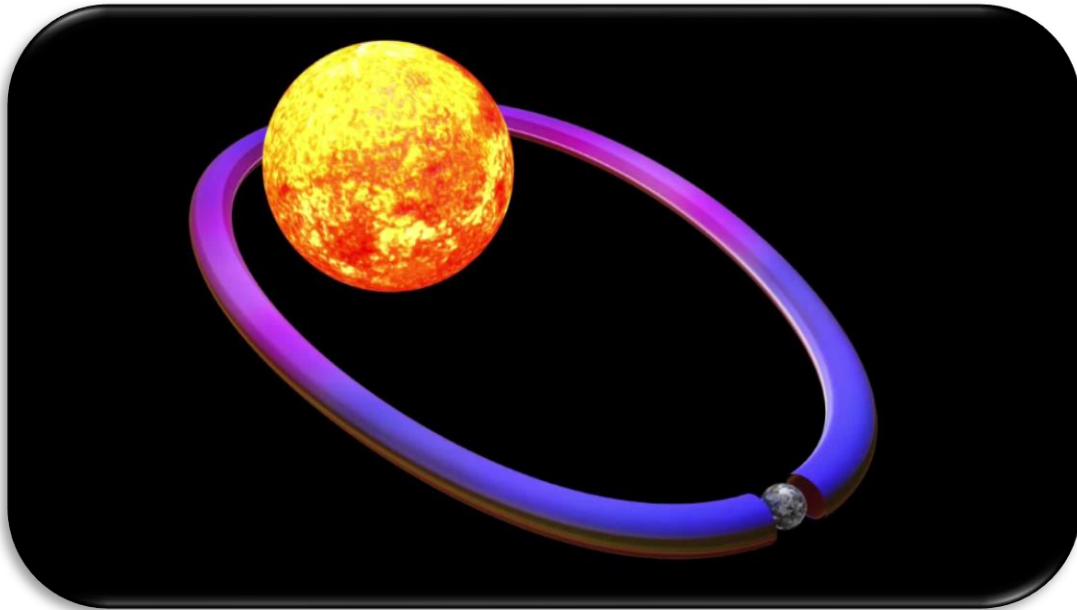
The planets have a strong, stable, and coordinated relationship with their suns in such a way that they travel without slight differences in their specific orbit and period (having differences shows inconsistency and irregularity).

For example, the number of fluxes that pass through the Earth is  $10^{46}$ . Regarding the size of the sun's surface relative to the earth, actually a set of  $10^{46}$  force lines (gravitational fluxes) which passing through the earth, spins and goes to the sun and returns again.

Given that a photon has both external and internal motions, and the frequency of electromagnetic waves is in the range of 10 to  $10^{20}$  Hz, the higher the frequency of electromagnetic waves, the more its external motion tends to zero. So, in fact, in very high frequency waves, the external motion of the waves merges with the internal motion (or converges). As a result of this adjoining, each photon forms a ring bond with the other photon. So the force lines or gravitational flux are a wide loop from one photon to another.

As the nuclei of the suns are so compact and hot and the atomic structure cannot be imagined for it, therefore in the suns a bunch of photons with small external rotational motion are separated from the electrons. In fact, it can be said that the force lines or gravitational fluxes are a kind of continuous chain state of photons.





It should be noted that since the gravity extends throughout the whole universe and gravity between the suns and all objects in the universe is conceivable, so these force lines (gravitational fluxes) continue to the end of the universe.

The interesting thing about this model is that the gravitational fluxes pass through everything at the speed of light, they are invisible and the vertical effect along the flux is so strong and their flexibility in the perpendicular direction is very high. This means that it is inflexible in the direction of the line between the star and the planet but flexible in the perpendicular direction.

$10^{46}$  is the number of photons that pass through the Earth's surface in an ideal condition. But due to the possible empty spaces between the fluxes, this number will be reduced to about  $10^{45}$ . As a result, it can be said that in reality the gravitational frequency is less than this value. For example, the real gravitational frequency of the earth should be in order of  $10^{18}$  to  $10^{19}$  Hz.

### **3) The Possibility of Data Transmission, Tens, Hundreds, Thousands of Times of the Light Speed in the Universe**

Given that there are the gravitational flux or force lines from the sun to all the planets and from each planet to the other planets and their moons, if we modulate our data on these force lines with intended frequency, we can exchange the data with the speed of light or even tens, hundreds and thousands of times of the light speed. Because the fluxes, force lines, have the property of continuity, and in the whole system and galaxy, the fluxes are related to each other and all the planets and stars are immersed in these fluxes. So that a network structure can be imagined.

As a result of this alive, continuous, and dynamic network, any planet can be a transmitter and another planet a receiver (in fact, the transmitter and receiver dish is in the size of a planet). In addition, a transmitter could be built on Earth that would emit these waves and cover the entire planet. It should be noted that the frequency is between stars and planets as well as planets and planets. So, they have a specific relative frequency to each other, which ranges from  $10^{17}$  Hz to  $10^{20}$  Hz.

Another point is that gravitational fluxes or force lines are continuously and intertwined through stars and their planets. Also in galaxies, the stars are linked to each other, and in fact, it can be said that they have force lines (gravitational fluxes) with each other, and as a result, they are able to communicate with each other by gravity.



#### 4) The Possibility of Creation of a Speed Close to the Speed of Light in Spacecraft

Due to the gravity flux, force lines, that have a specific structure, specific circuit and a specific network, wherever the spacecraft could be along these force lines and has a favorable frequency (or contrary) it can move in the direction of the force lines or gravitational fluxes at a very high speed. In fact, it can be said that the set of gravity flux lines is an invisible road for spacecraft. As the gravitational force lines or gravity fluxes move at the speed of light, so they can move the spacecraft at a speed close to the speed of light in a corridor with the size of the surface of a sphere.

#### 5) Discovery of the Theory of Everything!!!?

- **Gravitational Energy:** Based on the above, it was shown that the kinetic energy produced by the gravity force is equivalent to the energy of N photons and the energy equations are as follows:

$$\frac{1}{2}mv^2 = Nhf_g$$

where, m is a very large mass (like the Earth) which, due to its equilibrium (between the Earth and the Sun, as they have a clear equilibrium), is associated with gravitational waves and has energy equal to energy of N photons.

- **Energy of a single photon:** In the past, it has shown that the energy formula for a single photon is as follows:

$$E_p = \frac{1}{2}m_p(c^2 - r^2\omega^2) = hf_p$$

- **Nuclear energy:** According to the famous formula of nuclear energy, the equation will be:

$$E_N = n \frac{1}{2}m_p(c^2 - r^2\omega^2) = nhf_m$$

Where n is the number of the resulting photons from the existing mass. In addition, during the explosion, radiant energy and gamma rays, etc. will release.

- **Electrical energy:** It is very clear that in a word, the amount of current that passes through a lamp is converted into light or photons, which in fact the energy formula of electrical energy are as follows:

$$E_e = I^2Rt = n' \frac{1}{2}m_p(c^2 - r^2\omega^2) = n'hf_p$$

Where, n' is the number of photons isolated from the lamp.

- **Magnetic energy:** Considering that electric current is directly related to magnetism and in fact magnetic force and energy is the production of electric force and energy, so we can say:  
**Magnetic energy is equal to electrical energy**

Notice: From the above equations, the following relation can be obtained:

**Magnetic energy = electrical energy = nuclear energy = electromagnetic energy = radiant energy  
= kinetic energy = ...**

$$E_k = E_p = E_f = E_N = E_e = E_m = \text{-----}$$

$$\text{Radiant energy} = \frac{1}{2}m_p(c^2 - r^2\omega^2) = hf_p$$

$$\text{Electromagnetic energy} = \frac{1}{2}m_p(c^2 - r^2\omega^2) = hf_p$$





$$\text{Gravitational kinetic energy} = n \frac{1}{2} m_e (c^2 - r^2 \omega^2) = n' h f_G$$

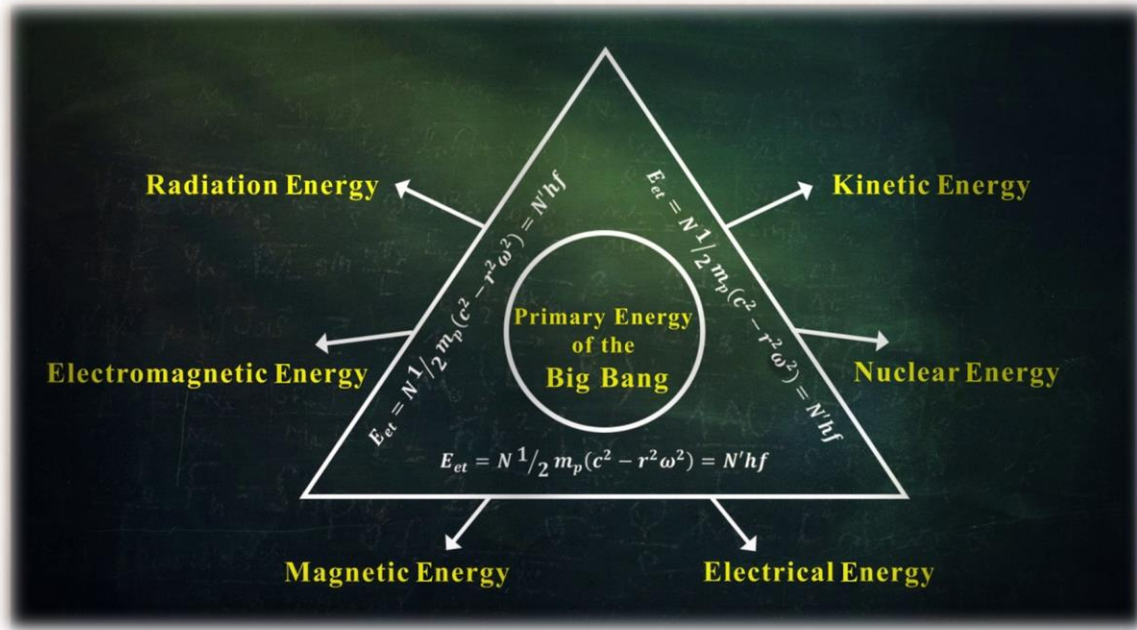
$$\text{Nuclear energy} = n \frac{1}{2} m_p (c^2 - r^2 \omega^2) = n h f_m$$

$$\text{Electrical energy} = I^2 R t = n' \times \frac{1}{2} m_p (c^2 - r^2 \omega^2) = n' h f_p$$

**Notice:** the ratio “n” is the amount of photons in different objects. And since the amounts of energies are different from each other, the values of n vary (n, N, n’), but the form of the equations is the same.

$$E_{et} = N \frac{1}{2} m_p (c^2 - r^2 \omega^2) = N' h f$$

**Saleh Comprehensive Equation of Everything Theory or  
the Equation of the Primary Energy Chart since Big Bang till now**



## 6) Creating a Gravity Power Plant Using Gravitational Turbines to Get Strong and Clean Energy Everywhere and Everlasting, at Any Time

As the kinetic energy of the planets has the following relation with the gravitational energy:

$$E_k = \frac{1}{2} m v^2 = n h \vartheta$$

It can be concluded that, according to the above relation, the passing energy through the unit of the earth's surface is as follows:

$$\text{J/m}^2 \frac{\frac{1}{2} m v^2}{4 \pi r_e^2} = \frac{2.3 \times 10^{34}}{5.1 \times 10^{14}} = 5 \times 10^{19}$$

This is the amount of the energy passing through the earth's surface by gravitational waves in one square meter. It should be noted that this energy is so large and efficient that if it can be used, affordable, clean, ubiquitous and permanent energy can be produced.



### Methods of using gravitational waves to generate energy

1. Obstructing method: Obstructing method: Using metal alloys, a plate can be created that the force lines be able to impulse these plates and generate the energy while passing, such as the wind that strikes turbines and sails.
2. Co-frequency with the force lines: If we had been able to design an instrument, that could synchronize and fluctuate with the force lines, as they fluctuate and oscillate, it would have absorbed the energy and use it.
3. As the gravity waves have a strong and special network, if we create a same network, which is excited due to the passage of gravity network through this network we have a force that could create energy.

### Perspectives

- I. How could make a tool to use the gravitational waves for transferring data.
- II. The solution for design and create the spacecraft that could use the gravity force and energy.
- III. How could create gravity in spaceships, so its passengers have an Earthlike situation.

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GH. SALEH, Saleh Research Centre — It is clear that all the stars and planets revolve in orbits around each other which there are Gravitational Force Lines (gravitational fluxes) between them, and the effect of these lines creates stability and balance among planets and stars. In fact, it can be said that the force related to kinetic energy of a planet is always in action with the gravity force lines and causes equilibrium, and the kinetic energy of the planets has been always equal to the energy of the gravitational waves. If there is any relation between gravity and electromagnetic force it must be in their energy too. So:  $\frac{1}{2}mv^2 = nh\vartheta$ , where  $n$  is the number of force lines passing through the surface of the planet. So we have:  $n = \frac{S}{S_p} = \frac{\frac{4\pi r^2}{2}}{S_p} = \frac{r^2}{r_p^2}$ , where  $S$  is the planet area and  $S_p$  is the smallest possible area for a unit of electromagnetic wave (photon). Therefore:  $\vartheta = \frac{r_p^2}{2h} \times \frac{mv^2}{r^2}$ . As:  $\frac{r_p^2}{2h} = \text{constant} \cong \frac{1}{10}$ , so the gravitational frequency of the planet will be equal to:

$$\vartheta = \frac{mv^2}{10r^2} = \frac{E_k}{5r^2}$$

where  $E_k$  is the kinetic energy of the planet and the speed of planets ( $v$ ) is the effect of the central star force.

Abstract \_\_\_\_\_ Limit

- ☒ Prefer Oral Session  
☐ Prefer Poster Session

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