



**HAL**  
open science

# How a Massive Planet can affect Human Consciousnesses when Passing Nearby the Sun

Fran de Aquino

► **To cite this version:**

Fran de Aquino. How a Massive Planet can affect Human Consciousnesses when Passing Nearby the Sun. 2016. hal-01278820v2

**HAL Id: hal-01278820**

**<https://hal.science/hal-01278820v2>**

Preprint submitted on 30 Mar 2016 (v2), last revised 18 Apr 2018 (v5)

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

# How a Massive Planet can affect Human Consciousnesses when Passing Nearby the Sun

**Fran De Aquino**

Professor Emeritus of Physics, Maranhao State University, UEMA.  
Titular Researcher (R) of National Institute for Space Research, INPE  
Copyright © 2016 by Fran De Aquino. All Rights Reserved.

Evidences of a giant planet orbiting our sun, in an orbit whose period would last approximately of 15 thousand years it seems to have been found. The orbit of the new planet is gigantic, never coming closer to the Sun than 30.5 billion kilometers. The discovery of planets whose orbits go beyond Pluto is not new. We know Sedna, Haumea and Makemake, and also Eris, which is more massive than Pluto. But all these planets have much less mass than the giant planet that was recently found orbiting our sun. Here we show how massive planets like these can affect the human consciousnesses, when they approach the Sun, and pass nearby the Earth.

**Key words:** Giant Planet orbiting our Sun, Human Consciouses, Earth's Psychic Atmosphere, Psychic Interaction.

## Introduction

The existence of other planets, orbiting our Sun beyond Pluto, has been frequently proposed by several astronomers. Usually they result from the search for explanations for anomalies in the orbits of objects near the Kuiper Belt.

In 2014, Scott Sheppard and Chad Trujillo wrote an article [1] on small objects with strange discrepancies in their orbits, which can have been caused by several factors. However, the most likely cause would be a new unknown planet.

Now, scientists at Caltech (Konstantin Batygin and Mike Brown) seem to have found evidences of a giant planet orbiting our sun, in an orbit whose period would last approximately of 15 thousand years. The article published by Batygin and Brown in the *The Astronomical Journal* [2], describes this new planet as being *five to ten times more massive than the Earth*, and having a *diameter of two to four times the diameter of the Earth*. The orbit of the new planet is gigantic, never coming closer to the Sun than 30.5 billion kilometers.

The discovery of planets whose orbits go beyond Pluto is not new, because we know of the existence of Sedna, Haumea and Makemake (dwarf planets), and also Eris, which is more massive than Pluto. But all

these planets have much less mass than the giant planet that was recently predicted by Batygin and Brown.

In this article we show how massive planets like these can affect the human consciousnesses, when they approach the Sun, and pass close to Earth.

## 2. Theory

In a previous article we have shown that the *mass* of a material particle is composed by a *real part* and an *imaginary part*, both related to the *gravitational mass* of the particle [3], i.e.,

$$\underbrace{m_g}_{\text{real part}} + \underbrace{km_g}_{\text{imaginary part}} i \quad (1)$$

where  $k$  is coefficient related to the particle. The first term is therefore the *real gravitational mass* of the particle while the second is the *imaginary gravitational mass* of the particle.

It was shown that an *imaginary body* (containing imaginary mass only) is equivalent to a *consciousness*, in such way that *imaginary particles would be equivalents to psychic particles* and, therefore their masses (imaginary and psychic) would be equivalents. This lead to the conclusion that *material particles have a psychic mass associated to its real mass*. In a general way, it would be something similar to electric charges associated to material particles. Thus, similarly that the electric charges interact each other

through electrical interaction, and the gravitational masses by means of gravitational interaction, also *psychic masses interact each other* through a specific interaction, which we call *psychic interaction*.

We have shown that the psychic interaction between two psychics masses  $m_{\psi 1}$  and  $m_{\psi 2}$  generates a force,  $F_{\psi}$ , whose expression is *similar* to the expression of the force between two gravitational masses (Newton's law) [3], i.e.,

$$\vec{F}_{\psi} = -G \frac{m_{\psi 1} m_{\psi 2}}{r^2} \hat{\mu} \quad (2)$$

where

$$\begin{aligned} m_{\psi} &= m_{g(\text{imaginary})} = \\ &= \chi m_{i0(\text{imaginary})} = \chi (k m_{i0}) \quad i = k m_g i \end{aligned} \quad (3)$$

Also it was shown in the mentioned paper that the *superficial electric charge*,  $q$ , of a material particle is related to its psychic mass,  $m_{\psi}$ , by means the following expression:

$$\begin{aligned} q &= \sqrt{4\pi\epsilon_0 G} m_{g(\text{imaginary})} i = \\ &= \left( \sqrt{4\pi\epsilon_0 G} \right) m_{\psi} i \end{aligned} \quad (4)$$

From this equation we can conclude that the psychic mass of *material particles with electric charge* is given by\*

$$m_{\psi} = -\frac{q}{\sqrt{4\pi\epsilon_0 G}} i \quad (5)$$

If  $q < 0$  then  $q = -|q|$ . Thus, Eq.(5) gives

\* According to Eq. (3), we have:

$m_{\psi} = m_{g(\text{imaginary})} = \chi m_{i0(\text{imaginary})} = \chi (k m_{i0}) i$   
Then, Eq. (5) can be rewritten in the following form  $m_{\psi} = \chi (k m_{i0}) i = -q / \sqrt{4\pi\epsilon_0 G} i$  whence we obtain  $k = -q / \chi m_{i0} \sqrt{4\pi\epsilon_0 G}$ . It was also shown in reference [3] that in the case of *electrons*,  $k = -2/\sqrt{3}$  and  $\chi = \chi_e = -1.8 \times 10^{21}$ ; in the case of *protons*  $\chi = \chi_p = -9.7 \times 10^{17}$  and  $k = +2/\sqrt{3}$ . These values are in agreement with the above expression of  $k$ .

$$m_{\psi} = +\frac{|q|}{\sqrt{4\pi\epsilon_0 G}} i \quad (6)$$

If  $q > 0$  then  $q = +|q|$ . Then, Eq. (5) yields

$$m_{\psi} = -\frac{|q|}{\sqrt{4\pi\epsilon_0 G}} i \quad (7)$$

On the other hand, the psychic mass of *psychic particles* (containing psychic mass only) is given by

$$m_{\psi} = m i \quad (8)$$

where  $m$  a real mass.

The electric charge of Earth's is  $q_E \cong -500,000C$  [4], because the electrostatic potential near the surface of the Earth is about 100 V [5, 6]. Thus, according to Eq. (5) the *Earth's psychic mass* is given by

$$m_{\psi E} = +5.8 \times 10^{15} i \quad (9)$$

Now consider the following situation: A massive planet X, with a *negative* electric charge<sup>†</sup>,  $q_X$ , and *individual psychic mass*,  $m_{\psi X} = +\left(|q_X| / \sqrt{4\pi\epsilon_0 G}\right) i = +1.16 \times 10^{10} |q_X| i$ , passes near the Earth (individual psychic mass,  $m_{\psi E} = +5.8 \times 10^{15} i$ ). In the planet Earth exists human consciousnesses with *positive* psychic mass,  $m_{\psi cE} = +m_{cE} i$ , and *negative* psychic mass,  $m_{\psi cE} = -m_{cE} i$ , incorporated in human bodies<sup>‡</sup>. Therefore, the

<sup>†</sup> *Superficial* electric charge.

<sup>‡</sup> It was shown in a previous paper [7] that the cultivation of good-quality thoughts is highly beneficial to a person because *increase* the psychic mass of its consciousness. On the contrary, the cultivation of bad-quality thoughts makes human consciousness *lose* psychic mass. Thus, the psychic masses of the human consciousnesses can be *positive* or *negative* (by the frequent loss of psychic mass).

psychic force that the *individual psychic mass of the planet X*,  $m_{\psi X}$ , exerts on one human consciousnesses with *positive* psychic mass, is given by

$$\begin{aligned}\vec{F}_{\psi(m_{\psi X} \& +cE)} &= -\vec{F}_{\psi(+cE \& m_{\psi X})} = -G \frac{m_{\psi X} m_{\psi cE}}{R^2} \hat{\mu} = \\ &= -G \frac{\left( +1.16 \times 10^{10} |q_X| i \right) \left( +m_{cE} i \right)}{R^2} \hat{\mu} = \\ &= +G \left( 1.16 \times 10^{10} \right) \frac{|q_X| (m_{cE})}{R^2} \hat{\mu}\end{aligned}\quad (10)$$

where  $\hat{\mu}$  is a versor oriented from the planet X to Earth.

The psychic force that the *individual psychic mass of the planet X*,  $m_{\psi X}$ , exerts on one human consciousnesses with *negative* psychic mass, is given by

$$\begin{aligned}\vec{F}_{\psi(m_{\psi X} \& -cE)} &= \vec{F}_{\psi(-cE \& m_{\psi X})} = -G \frac{m_{\psi X} m_{\psi cE}}{R^2} \hat{\mu} = \\ &= -G \frac{\left( +1.16 \times 10^{10} |q_X| i \right) \left( -m_{cE} i \right)}{R^2} \hat{\mu} = \\ &= -G \left( 1.16 \times 10^{10} \right) \frac{|q_X| (m_{cE})}{R^2} \hat{\mu}\end{aligned}\quad (11)$$

The psychic force that the *individual psychic mass of the planet X*,  $m_{\psi X} = +1.16 \times 10^{10} |q_X| i$ , exerts on the *individual psychic mass of Earth*,  $m_{\psi E} = +5.8 \times 10^{15} i$ , is expressed by

$$\begin{aligned}\vec{F}_{\psi(m_{\psi X} \& m_{\psi E})} &= -\vec{F}_{\psi(m_{\psi E} \& m_{\psi X})} = -G \frac{m_{\psi X} m_{\psi E}}{R^2} \hat{\mu} = \\ &= -G \frac{\left( +1.16 \times 10^{10} |q_X| i \right) \left( +5.8 \times 10^{15} i \right)}{R^2} \hat{\mu} = \\ &= +G \left( 6.7 \times 10^{25} \right) \frac{|q_X|}{R^2} \hat{\mu}\end{aligned}\quad (12)$$

A *positive* psychic mass  $m_{\psi cE} = +m_{cE} i$  is maintained in the human body ( $m_{\psi B} = +1.16 \times 10^{10} |q_B| i$ ) by means of the contrary psychic forces between,  $m_{\psi cE}$ , and  $m_{\psi B}$ , which is given by

$$\begin{aligned}\vec{F}_{\psi(+cE \& m_{\psi B})} &= -\vec{F}_{\psi(m_{\psi B} \& +cE)} = -G \frac{m_{\psi cE} m_{\psi B}}{r_B^2} = \\ &= -G \frac{\left( +m_{cE} i \right) \left( +1.16 \times 10^{10} |q_B| i \right)}{r_B^2} \hat{\mu}_B = \\ &= +G \left( 1.16 \times 10^{10} \right) \frac{m_{cE} |q_B|}{r_B^2} \hat{\mu}_B\end{aligned}\quad (13)$$

where  $\hat{\mu}_B$  is a versor oriented from the body to the human consciousness.

In the case of *negative* psychic mass  $m_{\psi cE} = -m_{cE} i$  it is maintained in the human body ( $m_{\psi B} = +1.16 \times 10^{10} |q_B| i$ ) by means of the contrary psychic forces between,  $m_{\psi cE}$ , and  $m_{\psi B}$ , which is given by

$$\begin{aligned}\vec{F}_{\psi(m_{\psi B} \& -cE)} &= -\vec{F}_{\psi(-cE \& m_{\psi B})} = -G \frac{m_{\psi B} m_{\psi cE}}{r_B^2} = \\ &= -G \frac{\left( +1.16 \times 10^{10} |q_B| i \right) \left( -m_{cE} i \right)}{r_B^2} \hat{\mu}_B = \\ &= -G \left( 1.16 \times 10^{10} \right) \frac{m_{cE} |q_B|}{r_B^2} \hat{\mu}_B\end{aligned}\quad (14)$$

The psychic forces between a *positive* psychic mass  $m_{\psi cE} = +m_{cE} i$  and the individual psychic mass of Earth,  $m_{\psi E} = +5.8 \times 10^{15} i$ , are given by

$$\begin{aligned}\vec{F}_{\psi(m_{\psi E} \& +cE)} &= -\vec{F}_{\psi(+cE \& m_{\psi E})} = -G \frac{m_{\psi E} m_{\psi cE}}{r_E^2} = \\ &= -G \frac{\left( +5.8 \times 10^{15} i \right) \left( +m_{cE} i \right)}{r_E^2} \hat{\mu} = \\ &= +G \left( 5.8 \times 10^{15} \right) \frac{m_{cE}}{r_E^2} \hat{\mu}\end{aligned}\quad (15)$$

The psychic forces between a *negative* psychic mass  $m_{\psi cE} = -m_{cE} i$  and the individual psychic mass of Earth,  $m_{\psi E} = +5.8 \times 10^{15} i$ , are given by

$$\begin{aligned}\vec{F}_{\psi(m_{\psi E} \& -cE)} &= -\vec{F}_{\psi(-cE \& m_{\psi E})} = -G \frac{m_{\psi E} m_{\psi cE}}{r_E^2} = \\ &= -G \frac{\left( +5.8 \times 10^{15} i \right) \left( -m_{cE} i \right)}{r_E^2} \hat{\mu} = \\ &= -G \left( 5.8 \times 10^{15} \right) \frac{m_{cE}}{r_E^2} \hat{\mu}\end{aligned}\quad (16)$$

The resultants upon the human consciousnesses with *positive* psychic mass  $R_{+cE}$ , and upon the human consciousnesses with *negative* psychic mass  $R_{-cE}$ , are respectively, given by (See Fig.1)

$$\begin{aligned}\bar{R}_{+cE} &= \bar{F}_{\psi(m_{\psi X} \& +cE)} + \bar{F}_{\psi(m_{\psi E} \& +cE)} = \\ &= +G(1.16 \times 10^{10}) \frac{|q_X| m_{cE}}{R^2} \hat{\mu} + \\ &\quad + G(5.8 \times 10^{15}) \frac{m_{cE}}{r_E^2} \hat{\mu} = \\ &= +G(5.8 \times 10^{15}) m_{cE} \left( \frac{|q_X|}{(5 \times 10^5) R^2} + \frac{1}{r_E^2} \right) \hat{\mu} \quad (17)\end{aligned}$$

$$\begin{aligned}\bar{R}_{-cE} &= \bar{F}_{\psi(m_{\psi X} \& -cE)} + \bar{F}_{\psi(m_{\psi E} \& -cE)} = \\ &= -G(1.16 \times 10^{10}) \frac{|q_X| m_{cE}}{R^2} \hat{\mu} - \\ &\quad - G(5.8 \times 10^{15}) \frac{m_{cE}}{r_E^2} \hat{\mu} = \\ &= -G(5.8 \times 10^{15}) m_{cE} \left( \frac{|q_X|}{(5 \times 10^5) R^2} + \frac{1}{r_E^2} \right) \hat{\mu} \quad (18)\end{aligned}$$

Note that, if

$$\begin{aligned}|q_X| &\ll (8.6 \times 10^{-11} g R^2 / G) - (5 \times 10^5 R^2 / r_E^2) \cong \\ &\cong 1.2 \times 10^{28} C \quad (19)\end{aligned}$$

then  $g_{cE} = \bar{R}_{+cE} / m_{+cE} \ll g$ .

This shows that, under these conditions, the psychic accelerations are negligible when compared to Earth's gravity acceleration.

The psychic force that the *individual psychic mass of the planet X* exerts on the *individual psychic mass of Earth*, is expressed by  $\bar{F}_{\psi(m_{\psi X} \& m_{\psi E})}$  (Eq. (12)). By comparing the intensity of this force with the intensity of the *gravitational* force between Earth and the Sun, ( $-Gm_S m_E / r_S^2 \cong 3.4 \times 10^{22} N$ ), then we can easily see that  $|\bar{F}_{\psi(m_{\psi X} \& m_{\psi E})}| \ll |-Gm_S m_E / r_S^2|$ , because it is expected that  $|q_X| \ll 5.07 \times 10^{-4} (R^2 / G) \cong 6.8 \times 10^{33} C$ .

Therefore, we conclude that the Earth's trajectory around the Sun will not be significantly disturbed by the psychic interaction between the planet X and Earth.

On the other hand, note that if

$$|q_X| \gg \left( \frac{|q_B|}{r_B^2} - \frac{5 \times 10^5}{r_E^2} \right) R^2 \cong 10^{19} C \quad (20)$$

then  $\bar{R}_{-cE} \gg \bar{F}_{\psi(m_{\psi B} \& -cE)}$ , (Eqs. (18) and (14)).

When this occurs, the link between the human consciousnesses with *negative* psychic masses and the human bodies, in which they are incorporated into, will be broken<sup>§</sup>. After, the mentioned consciousnesses will be sucked to the planet X, by means of the action of the force  $\bar{R}_{-cE}$ . Similarly, the human consciousnesses with *negative* psychic masses, which are *not* incorporated into human bodies on Earth, also they will be sucked to the planet X (See Fig.1).

The removal of the consciousnesses with *negative* psychic masses means that all the evil will be removed from Earth because they are basically the cause of the evil on Earth. Under these new conditions, the consciousnesses with *positive* psychic masses, which will remain on Earth will live in peace, evolving with their good-quality thoughts. Stated thus, "*the good shall inherit the earth*".

Finally, note that, according to Eqs. (19) and (20), the planet X should have *negative* electric charge  $q_X$  in the range  $10^9 C \ll |q_X| \ll 10^{28} C$ , in order to produce the phenomena above mentioned.

This electric charge range is not exotic or unusual in the Universe, on the contrary, for example, it is known that the periastron rate of the double pulsar PSR J0737-3039A/B system allows to infer  $|Q_{NS}| \cong 5 \times 10^{19} C$ . According to the perinigricon precession of the main sequence S2 star in Sgr A\*, the electric charge carried by the compact object hosted in the Galactic Center may be as large as  $|Q_*| \cong 4 \times 10^{27} C$  [8].

<sup>§</sup> Obviously, this will cause the death of the person.

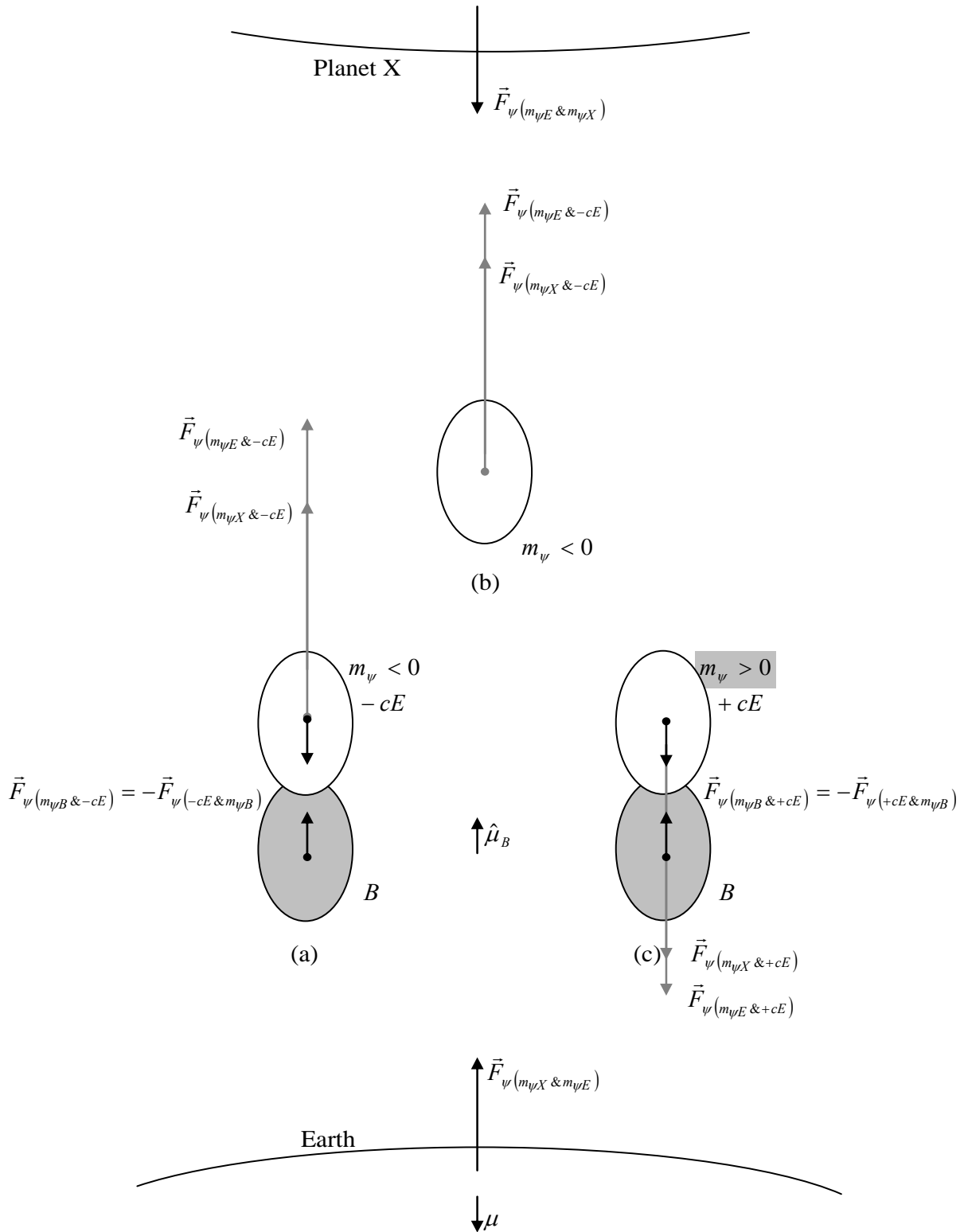


Fig. 1 – *Psychic Interaction among Planet X, Earth and Human Consciousnesses:*  
 (a) Human consciousnesses with *negative* psychic mass, incorporated to human bodies.  
 (b) Human consciousnesses with *negative* psychic mass, *not incorporated* to human bodies.  
 (c) Human consciousnesses with *positive* psychic mass, incorporated to human bodies.

Considering that  $m_{\psi cE} = \pm m_{cE} i$  (see Eq.(8)), and that, according to Eq. (5) we have

$$m_{\psi cE} = -\frac{q_{\psi cE}}{\sqrt{4\pi\epsilon_0 G}} i \quad (21)$$

Then, we can write that

$$m_{cE} = \left| -\frac{q_{\psi cE}}{\sqrt{4\pi\epsilon_0 G}} \right| = \frac{q_{\psi cE}}{\sqrt{4\pi\epsilon_0 G}} \quad (22)$$

where  $q_{\psi cE}$  is the electric charge related to  $m_{\psi cE}$  (the psychic mass of the human consciousness).

Thus, starting from Eqs. (17), (18) and (22), we can easily show that

$$R_{cE} = |\vec{R}_{-cE}| = |\vec{R}_{+cE}| = \frac{1}{4\pi\epsilon_0} \frac{q_{\psi cE} q_X}{R^2} \quad (23)$$

In practice, the *maximum psychic force*,  $F_e^{\max}$ , which is possible to exert on a consciousness, placing it very near ( $r_{\min} \approx 1m$ ) to a powerful generator of Van Der Graaf ( $q_{\max} = CV = 4\pi\epsilon_0 rV = 4\pi\epsilon_0 (1m)(10MV) \cong 10^{-3} C$ ), or very near to a plate of a big capacitor with large electric charge ( $q_{\max} = CV = \epsilon_r \epsilon_0 (A/d)V = 100\epsilon_0 (10/10^{-3})(500) \cong 10^{-3} C$ ) is given by

$$F_e^{\max} = \frac{1}{4\pi\epsilon_0} \frac{q_{\psi cE} q_{\max}}{r_{\min}^2} \cong 10^7 q_{\psi cE} \quad (24)$$

Then, by dividing equations (23) and (24) member by member, we get

$$R_{cE} = \left( \frac{q_X}{q_{\max}} \right) \left( \frac{r_{\min}}{R} \right)^2 F_e^{\max} \cong 10^3 \left( \frac{q_X}{R^2} \right) F_e^{\max} \quad (25)$$

Substitution of  $R \cong 3 \times 10^{13} m$  into Eq. (25) yields

$$R_{cE} = 10^{-24} q_X F_e^{\max} \quad (26)$$

It is expected that the planet X should have electric charge in the range  $10^{19} C \ll |q_X| \ll 10^{28} C$ . Thus, if  $|q_X| \cong 10^{25} C$ , for example, Eq. (26) tells us that

$$R_{cE} \cong 10 F_e^{\max} \quad (27)$$

This means that the intensity of the psychic force,  $R_{cE}$ , exerted by the planet X in the consciousnesses over the Earth, will be about

10 times higher than maximum psychic force,  $F_e^{\max}$ , which is possible to exert on a consciousness, placing it very near to a powerful generator of Van Der Graaf, or very near to a plate of a big capacitor with large electric charge.

Note that in spite of the intensity of the force  $R_{cE}$ , the maximum acceleration that it will produce upon the consciousnesses over the Earth *will be very smaller than* the local gravity acceleration,  $\bar{g}$ , (see Eq. (19)).

While the psychic force  $R_{cE}$  sucks from the Earth the consciousnesses with *negative* psychic mass, simultaneously it compresses against Earth the consciousnesses with *positive* psychic mass. However, these consciousnesses do not leave the bodies which are incorporated (See Fig.2 (b)) because they can not penetrate the *Earth's consciousness* (See about the consciousnesses of the materials in reference [9]).

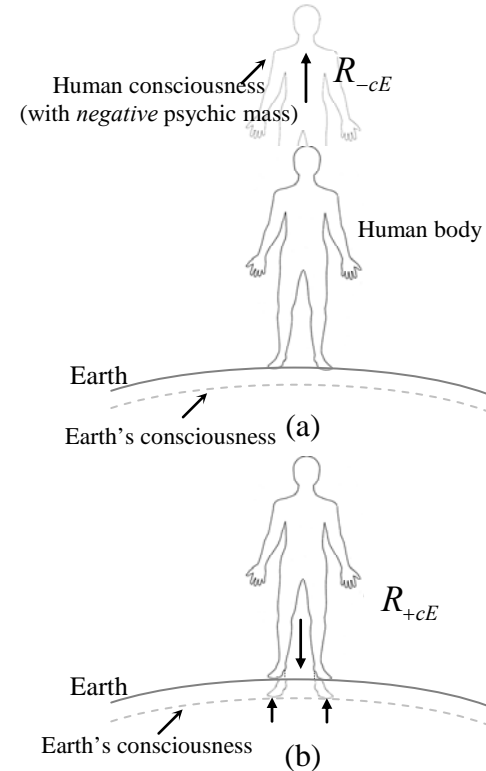


Fig.2 – Schematic Diagram of the Action of the forces  $R_{-cE}$  and  $R_{+cE}$ . (a) Suction of the consciousness with *negative* psychic mass. (b) Compression of the consciousness with *positive* psychic mass, on the Earth's consciousness.

## References

- [1] Trujillo, C. A., and Sheppard, S. S. (2014), *Nature*, 507, 471.
- [2] Batygin, K and Brown, M. (2016). *The Astronomical Journal*, 151:22 (12pp), February.
- [3] De Aquino, F. (2010) *Mathematical Foundations of the Relativistic Theory of Quantum Gravity*, Pacific Journal of Science and Technology, **11** (1), pp. 173-232.
- [4] Volland, H. (1995), *Handbook of Atmospheric Electrodynamics*, CRC Press, vol.I, Chapter11.
- [5] P. Siemens, P. (1999) *Capstones in Physics: Electromagnetism. LCL Problem 3-7* (The Orgeon State University, Corvallis).
- [6] Chavalier, G. (2007) *The Earth's Electrical Surface Potential*. A summary of present understanding (California Institute for Human Science, Encinitas).
- [7] De Aquino, F. (2012) *Beyond the Material Universe*, Journal for Interdisciplinary Research on Religion and Science, No. 10, January 2012, pp. 91-94.
- [8] Iorio, L. (2012) *Constraining the electric charges of some astronomical bodies in Reissner-Nordström spacetimes and generic  $r^{-2}$ -type power-law potentials from orbital motions*, <http://arxiv.org/abs/1112.3520v4>
- [9] De Aquino, F. (2010) *Physical Foundations of Quantum Psychology*, Bulletin of Pure and Applied Science (Delhi, India) Volume 29D. Number 2. December 2010 (Section D - Physics),pp.105-130.