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Physics and Space Science



Dirac's Idea and Theory

'Casimir Force' with Nonlinear Physics

Highlights

Universe without Nonlinear Physics

Revealing the Hawaiian Believe System

Discovering Thoughts, Inventing Future

VOLUME 20 ISSUE 5 VERSION 1.0



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PHYSICS & SPACE SCIENCE



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Explaining the So-Called ‘Casimir Force’ with Nonlinear Physics

By Prof. Maria Kuman, PhD

Holistic Research Institute

Editorial- In the article “A New Twist of the Quantum Vacuum” published in the October issue of Physics Today, 2019 (p. 74), the author Jeremy Munday [1] share the experiment he did with his research group – the results was published in 2018. They used a solid birefringent crystal of calcite, which has anisotropic optical properties. They deposited on it optically isotropic layer of aluminum oxide with thickness $d = 30$ nanometers or less. Then they deposited a layer of liquid crystal on top of the aluminum oxide.

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EXPLAININGTHE SO CALLED CASIMIR FORCE WITH NON LINEAR PHYSICS

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Explaining the So-Called ‘Casimir Force’ with Nonlinear Physics

Prof. Maria Kuman, PhD

I. EDITORIAL

In the article “A New Twist of the Quantum Vacuum” published in the October issue of *Physics Today*, 2019 (p. 74), the author Jeremy Munday [1] share the experiment he did with his research group – the results was published in 2018. They used a solid birefringent crystal of calcite, which has anisotropic optical properties. They deposited on it optically isotropic layer of aluminum oxide with thickness $d = 30$ nanometers or less. Then they deposited a layer of liquid crystal on top of the aluminum oxide.

They observed reorientation of the layers of liquid crystal. The lowest layers of liquid crystal reoriented and adopted the structure of the calcite basis with anisotropic optical properties. They also observed: 1/ fading of the influence of the calcite basis on the liquid crystal as the square of the distance d between the calcite basis and the liquid crystal; 2/ proportional dependence on $\sin 2\theta$ (where θ is the angle between the orientation induced by the anisotropic optical properties of the calcite basis and the original orientation of the liquid crystal).

Since Parsegian and Weise (and independently by Yuri Barash) theoretically predicted such dependences and called them Casimir force, Jeremy Munday concluded that he is measuring the effect of the Casimir force. However, I have an alternative explanation based on my article [2] published in 2019: “How Was the Material World Created? - Origin of Its NEMF”.

In my model of the Universe, everything material comes to this world as a material body and nonlinear electromagnetic field (NEMF) [2]. If so, Jeremy Munday measures the influence of the NEMF of the optically anisotropic crystal of calcite on the liquid crystal. Since the field is nonlinear, it can pass through the barrier of optically isotropic aluminum oxide without distortions.

The influence of the anisotropic crystal calcite on the liquid crystal decreases with the square of the distance because the NEMF of the calcite is an electromagnetic influence (EMF), which decreases with the square of the distance. The fact that everything is a material body and NEMF solves automatically: 1/ the dualism particle-wave (yes, every material particle is a wave at the same time); 2/ the Heidelberg uncertainty principle, which is influence of the NEMF of the

measuring instrument and the NEMF of the measuring person on the NEMF on the measured elementary particle - this makes the coordinates and impulse of the particle not defined at the same time; and 3/ explains the probability outcome of every quantum experiment.

As shown in my article [3], distress (negative stress) changes the NEMF and pH of the intracellular space, which makes the communications between the cells impossible. The disconnected cells dedifferentiate into tissue-nonspecific cells, just as they do at cut wounds. To heal the wound fast, the cells dedifferentiate, which allows them to multiply fast and creep into the wound. However, while in the case of wound the current of regrowth (which starts at the cut) guides the cells where to go and helps them become again tissue specific, in the case of cancer the disconnected cells multiply senselessly out of control taking all the nutrients and starving the body to death.

As shown in my article [3], changes in the frequencies of the intracellular NEMF can be used to predict the oncoming cancer. The Russian scientists found changes in the spectra of the intracellular liquid that precede the cancer onset, but they don't have the explanation why. I offer explanation of their finding - they are measuring the changes in the frequencies of the intracellular NEMF. These changes lead to inability of the cells to communicate, which bring the cancer. We also offer a solution – finding a way to restore the normal frequencies of the NEMF will eliminate the cancer. This means physics not chemistry will solve the cancer problem [4].

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Explaining the Universality of Dirac's Idea and Theory

By Prof. Maria Kuman, PhD

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Abstract- The article explains the recently found wide application of the Dirac's theory to a long list of materials. The Dirac theory was initially created only for electrons. The wide applicability is based on the fact that Dirac postulated that dark matter with negative energy and negative mass, called anti-matter, co-exists with the matter, which allowed him to predict the positron. The author of this article is convinced that dark anti-matter with negative energy gives birth of the whole light material world and the whole Universe is a constant dynamic transformation of dark matter (anti-matter) into light matter and recycling of disordered light matter into dark anti-mater. During the birth of the material world, the nonlinear electromagnetic field (NEMF), which separates the dark anti-matter from the light matter, gets imprinted on all material creations. The NEMF, which is present in all materials, is what makes the applicability of the Dirac theory so wide.

Keywords: *Dirac theory, universal Dirac theory, universal quantum electrodynamics (QED), material bodies and NEMF.*

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EXPLAININGTHEUNIVERSALITYOFDIRAC'SIDEAANDTHEORY

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Explaining the Universality of Dirac's Idea and Theory

Prof. Maria Kuman, PhD

Abstract- The article explains the recently found wide application of the Dirac's theory to a long list of materials. The Dirac theory was initially created only for electrons. The wide applicability is based on the fact that Dirac postulated that dark matter with negative energy and negative mass, called anti-matter, co-exists with the matter, which allowed him to predict the positron. The author of this article is convinced that dark anti-matter with negative energy gives birth of the whole light material world and the whole Universe is a constant dynamic transformation of dark matter (anti-matter) into light matter and recycling of disordered light matter into dark anti-matter. During the birth of the material world, the nonlinear electromagnetic field (NEMF), which separates the dark anti-matter from the light matter, gets imprinted on all material creations. The NEMF, which is present in all materials, is what makes the applicability of the Dirac theory so wide. The article also emphasizes that: 1/ the merging of electron and positron; 2/ the merging of two Black Holes or two Neutron Stars; and 3/ the merging of the NEMF of the parents' male and female DNA when a cell is fertilized have the same dynamics - they spin around each other before to merge. To merge in the same way, their NEMFs must spin in opposite direction and create magnetic fields with opposite polarity, which attract each other, as two magnets with opposite polarity would do. Since all three cases have the same quantum electrodynamics (QED), they will have the same mathematical description.

Keywords: Dirac theory, universal Dirac theory; universal quantum electrodynamics (QED); material bodies and NEMF.

I. INTRODUCTION

According to Dirac, there should be symmetry and positive and negative energies should be equally allowed. The material particles, which we know, are with positive energy and positive mass, but there should be anti-particles with negative energy and negative mass. Dirac considered the electrons in particular and wrote the following equation for electrons in 1928 [1]:

$$i\partial_t \psi = \mathbf{E} \psi = (\mathbf{c}\alpha \cdot \mathbf{p} + \beta mc) \psi,$$

where ψ is the wave function of the electron and α and β are matrices with four components: two for the particles electron (with negative electric charge) and the anti-particle positron (with positive electric charge), and two for their spin $\frac{1}{2}$ and $-\frac{1}{2}$ correspondingly. For particles the mass $m > 0$, for anti-particles $m < 0$, for massless particles $E = cp$.

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While the electron has negative electric charge, spin $+1/2$, positive energy, and positive mass, the anti-electron, called positron, has positive electric charge, spin $-1/2$, negative energy, and negative mass. The Physicists had difficulties accepting this mirrored world. This continued until the US physicist Carl Anderson [2] discovered in 1933 the anti-particle of the electron e^- , called 'positron' e^+ , because it had positive electric charge.

The second confirmation of the Dirac's theory was the experiment of Patrick Blackett and Giuseppe Occhialini [3] published in the Physical Review in the early 1933. In the same year, Robert Oppenheimer and Milton Plesset [4] postulated, and based on the Dirac theory calculated, the probability of production of pair of e^- and e^+ as a result of strong γ -radiation. The calculations were in fairly good agreement with the experimental results. The two experimental confirmations of the Dirac's theory brought him the Nobel Prize of 1933 [5].

However, the Dirac's idea about the dynamic constant transformation of dark anti-matter into light matter and vice-versa is still not accepted 90 years after he got the Nobel prize. We still claim that we don't know what dark matter is and we wonder why Dirac's equation is so widely applicable. We also never included Dirac's idea and equation in our curriculums to teach them in our Universities; neither we teach nonlinear physics, without which we cannot describe the dynamic transformation of dark anti-matter into light matter and vice-versa.

II. DIRAC'S THEORY TURNED OUT TO BE MORE UNIVERSAL THAN EXPECTED

It was recently found [5] that Dirac equation, which he initially wrote for electrons, which are fermions, i.e. with spin $\frac{1}{2}$, has a wider application than Dirac himself initially realized. It is equally applicable to bosons (particles with no spin) including magnon and phonon and also to a long list of materials and systems of condense matter physics: graphene (one layer of graphite), entire classes of two- and three-dimensional materials, semi-metals (now called Weyl and Dirac semi-metals), topological insulators, unconventional superconductors, etc. It seems that the Dirac's theory has more universal application than initially postulated. Why?

III. WHY IS THE DIRAC'S THEORY UNIVERSAL?

Another article of the author [6] explains that the whole material world is a material body and nonlinear electromagnetic field (NEMF) and this NEMF comes from the way the material world is created. Black Holes, which are dark anti-matter with negative energy and negative mass, create the whole light material world. During the process of creation, the NEMF, which separates the matter from the anti-matter, becomes imprinted on all material creations. This makes the whole material world – a material body and NEMF.

The author in her article [6] predicted hyperbolic shape of the Black Holes (Fig. 1) and a photo of a Black Hole (Fig. 2) was published shortly after the publication of her article, which confirmed the hyperbolic shape. In another article [7], the author explained why the description of the Black Holes would require Non-Euclidian geometry and how the hyperbolic shape, which gave birth to our NEMF, relate to the 7 energy levels of our body, the 7 energy levels of our NEMF, and the seven energy sublevels between each two levels.

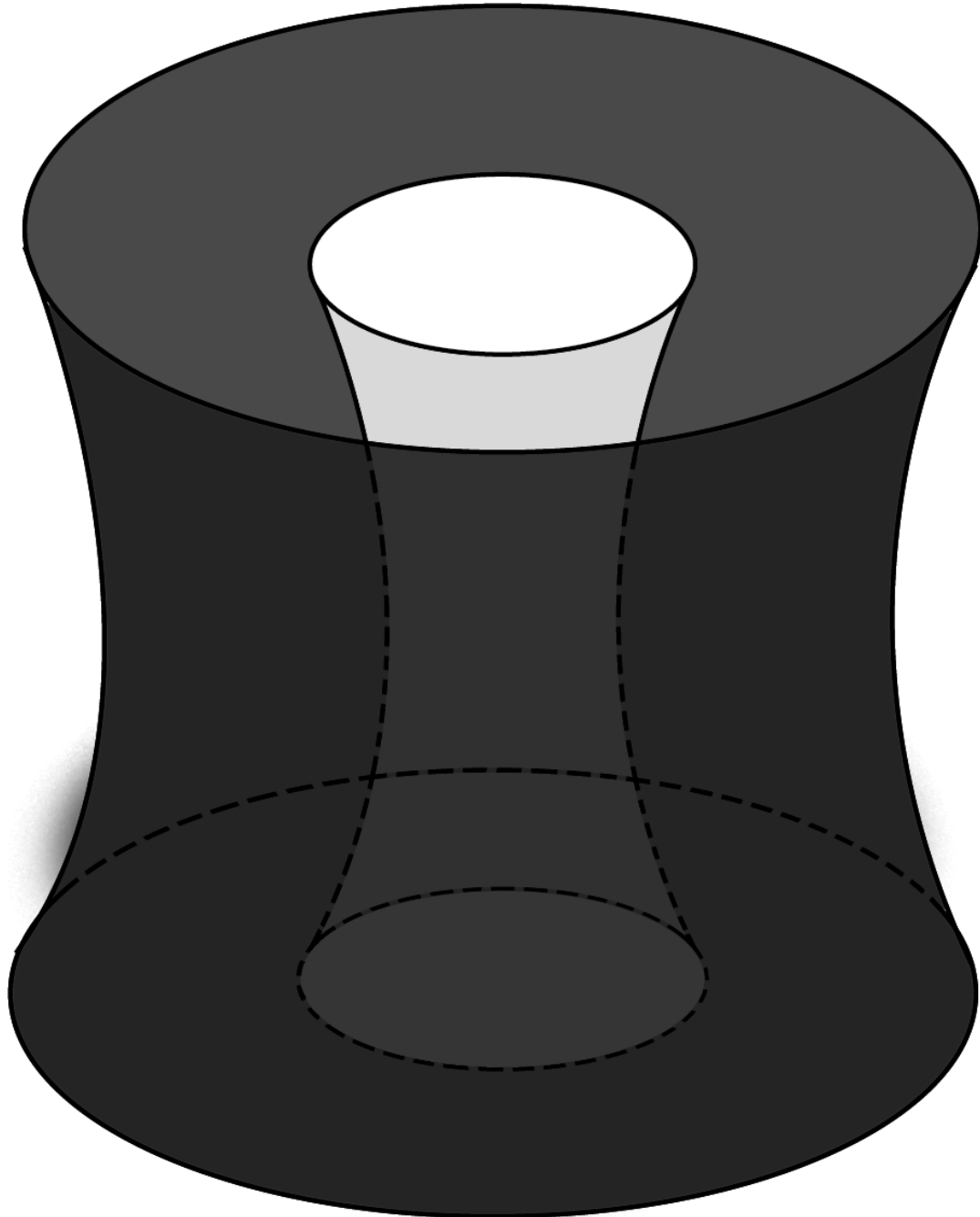


Fig. 1: Author's prediction of hyperboloid shape of the Black Holes

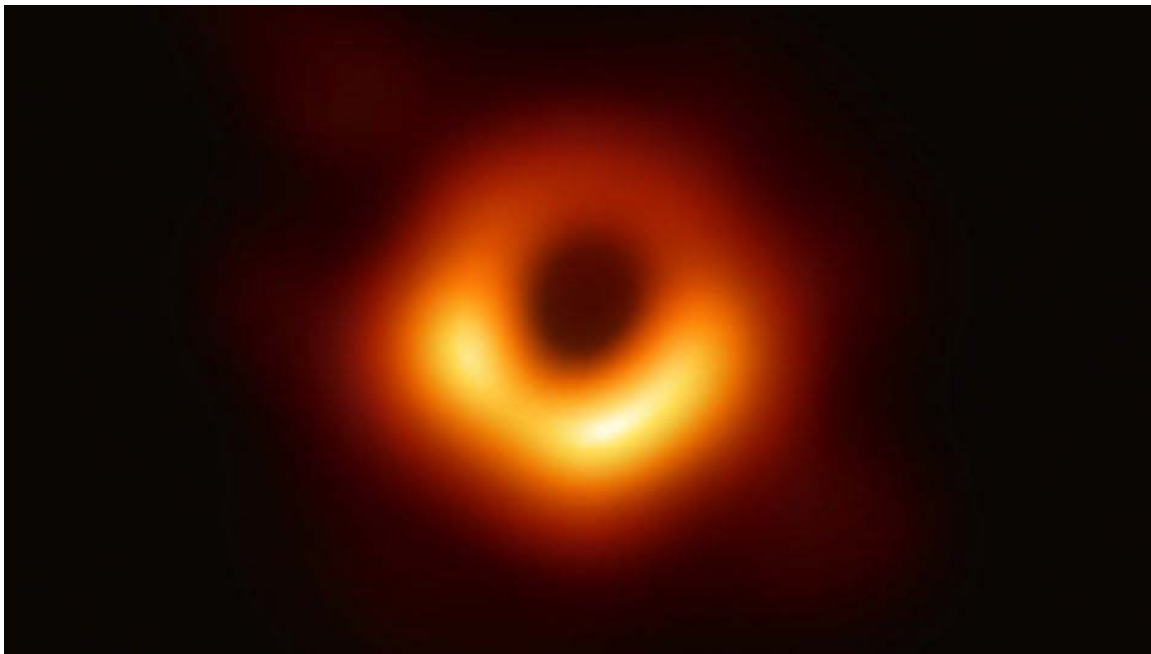


Fig. 2: Photo of the hyperboloid shape of a Black Hole

The fact that everything material is a material body and NEMF [6] explains automatically: 1/ why the particles are material particles and waves at the same time; 2/ why the particles obey the Heidelberg uncertainty principle – because the NEMF of the equipment and the NEMF of the measuring person are influencing the NEMF of the measured particle in the microworld; 3/ why in quantum mechanics we deal only with probability outcome of each event; and 4/ why the Dirac's theory is universally applicable.

IV. UNIVERSAL QUANTUM ELECTRODYNAMICS (QED)

In the author's article [8], when e^- and e^+ , which spin with opposite direction meet, first they spin around

each other, like dancing, and then they merge, i.e. annihilate. LEGO measurements showed that when two Black Holes or neutron stars meet, they spin around each other first (and chirp) before to merge. Since the merging e^- and e^+ , which spin in opposite directions, do the same dance, the merging two Black Holes or neutron stars must spin in opposite direction.

The recently observed dynamics of cell fertilization (Fig. 3) shows [5] that when the male sperm enters the female cell and the NEMF of the male DNA approaches the NEMF of the female DNA; they spin around each other (just like e^- and e^+ would do) and they finish merging in the middle of the female cell (Fig. 3). This makes the fertilized cell ready to start dividing and with time to turn into embryo.

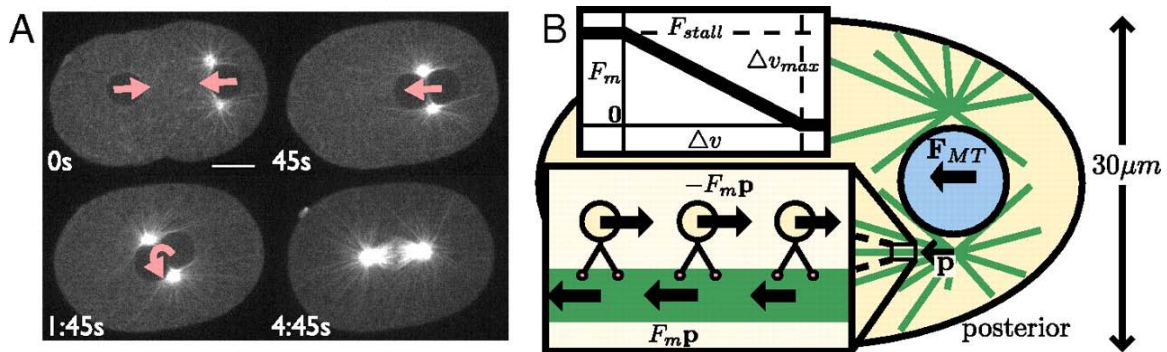


Fig. 3: Dynamics of cell fertilization

Just like the spinning in opposite direction electron and positron create magnetic fields with opposite polarity, which makes them to attract each other as two magnets with opposite polarity would do, the NEMF of the male and female DNA must spin in

opposite direction and create magnetic fields with opposite polarity to attract each other as two magnets with opposite polarity would do.

Thus, the Quantum Electrodynamics (QED) is the same in all three cases: 1/ merging of e^- and e^+ ; 2/ merging of two Black Holes or two Neutron Stars; and 3/ merging of the NEMFs of the male and female DNA in a fertilized cell. This is because in all these cases we have NEMFs spinning in opposite directions. If the dynamic is the same, they will be mathematically described with the same type of equation.

Every perturbation force F , applied to a spinning entity, changes its angular velocity ω

$$\partial\omega/\partial t + \varepsilon F = \partial(\omega + \varepsilon\omega)/\partial t \quad (1)$$

This explains the dancing before merging of the spinning in opposite directions NEMFs of electron and positron, mother's and father's DNAs, or two Black Holes or Neutron Stars.

The velocity transformation equation is:

$$\partial\omega/\partial t + \nabla \times (\omega \times u) = v\nabla^2\omega + (1/\rho)(\nabla \times (J \times H)), \quad (2)$$

where μ is the permeability of the media, ρ is the density of the media, and v is the kinematic viscosity ($v = \mu/\rho$). The linearized version of equation (2) is

$$\partial\omega/\partial t = (1/\rho)(H \times \nabla j) + v \nabla^2\omega \quad (3)$$

The same rules and equations apply to merging of the NEMFs of e^- and e^+ in the micro world, merging of the spinning in opposite direction NEMFs of mother's and father's DNAs in a fertilized cell, and merging in astronomy of the spinning in opposite directions NEMFs of two Black Holes or two Neutron Stars.

The dynamic is the same because the spinning in opposite direction NEMFs induce magnetic fields with opposite polarity, which attract each other, as two magnets with opposite polarity would do. This determines their common QED – they approach each other, spin around each other, and then merge. Their common behavior requires common mathematical description.

According to nonlinear physics, following the rule of the folded fingers of the right hand, when the folded fingers are in the direction of spinning, the vertical thumb shows the direction of the magnetic field induced by the spinning. Let us apply this rule to vortices spinning clockwise. The direction of the magnetic field induced by clockwise spinning is inward, which means that the spinning clockwise vortices suck energy.

Therefore, when the NEMF spins clockwise, as a vortex, at the presence of another entity with NEMF spinning in opposite direction, will suck energy through the hole of its donut shape NEMF and get excited (start spinning faster clockwise). The increased spinning will increase the attraction between the two NEMFs spinning in opposite directions; they will approach each other, spin around each other, and merge.

V. CONCLUSION

The article offered explanation of the recently found wide range of application of the Dirac's theory, which was initially created only for electrons. Dirac postulated that the positive energies and positive masses of the material world coexist side-by-side with the negative energies and negative masses of the dark matter, which is anti-matter – and they are in a state of constant mutual transformation. Dark matter creates the entire material world and the NEMF that separates the matter from the anti-matter gets imprinted on all material creations, which are a material body and NEMF. This is what makes the Dirac theory widely applicable.

The article also explained the common quantum electrodynamics (QED) observed at: 1/ merging of e^- and e^+ ; 2/ merging of two Black Holes or two Neutron Stars; and 3/ merging of spinning in opposite direction NEMFs of male and female DNA in a fertilized cell. They all spin in opposite directions and create magnetic fields with opposite polarity, which make them attract each other, and dance around each other before to merge. The same is the QED of electron and positron, two Black Holes or Neutron Stars spinning in opposite directions, and the spinning in opposite directions NEMFs of male and female DNA in a fertilized cell. They all will be mathematically described with the same type of equation.

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Predicting Crowds' Behavior with Nonlinear Physics

By Prof. Maria Kuman, PhD

Holistic Research Institute

Abstract- Mathematical models considering a dense crowd as a soft solid predicted counterclockwise collective movement during rock concerts. This article explains that if mathematical modeling of dense crowds as soft solids works for predicting the collective behavior of crowds at rock concerts, it is because everything material (from the smallest elementary particle to humans and even stars) is a material body and torus-shaped nonlinear electromagnetic field (NEMF). We can come to the same conclusion for the crowd behavior at rock concerts, knowing that at positive emotions our NEMFs spin clockwise, according to Russian measurements. Nonlinear physics teaches that vortices spin clockwise and suck energy. When the energy sucked by the NEMFs of the crowd reaches the critically high value, it triggers collective movement of the crowd counterclockwise to release some of the extra energy. Nonlinear physics teaches that anti-vortices spin counterclockwise and emit energy upward, which means that some of the extra excitation energy will be released in the atmosphere.

Keywords: *math-modeling of dense crowds, crowds at rock concerts, collective behavior of excited crowds, crowds at disasters, collective behavior at disasters.*

GJSFR-A Classification: FOR Code: 240599



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Keywords: *math-modeling of dense crowds; crowds at rock concerts; collective behavior of excited crowds; crowds at disasters; collective behavior at disasters.*

I. INTRODUCTION

Let us introduce some concepts of nonlinear physics, which we would need. The flux of running river-water would be linear, if the bottom of the river is smooth. However, if there is a big stone on the bottom of the river, the water needs to flow around the stone and the water flux becomes nonlinear. Behind the stone, turbulence would be observed manifested with a couple of: vortex spinning clockwise and anti-vortex spinning counterclockwise [1].

Following the law of the folded fingers of the right hand in physics, when the folded fingers show the direction of the currents (or direction of spinning of plasma), the vertical thumb show the direction of the induced magnetic field. Following this law, the vortices (which spin clockwise) would induce magnetic field

toward the surface. This would make the vortices to suck energy in. Following the same law, the anti-vortices (which spin counterclockwise) would induce magnetic field off the surface, which would make the anti-vortices to emit energy [1].

II. DISCOVERING THE DYNAMIC OF THE HUMAN NEMF BASED ON OUR MEASUREMENTS AND RUSSIAN MEASUREMENTS

The Russian scientist Shkatov patented equipment, called 'torsemeter', which allows him to measure the spinning of the human torus-shaped energy field (NEMF) [2]. With his 'torsemeter', Shkatov measured how positive emotions (joy, happiness...) increase the spinning of the human's EMF in positive (clockwise) direction and how negative emotions (anger, hatred, jealousy...) increase the spinning of the human EMF in negative (counterclockwise) direction [2].

Since in nonlinear physics turbulent spinning in clockwise direction is called vortex and vortices suck energy in, energy must be sucked into NEMF during positive emotions, which would explain the uplifting we feel when experiencing positive emotions. Since in nonlinear physics turbulent spinning in counterclockwise direction is called anti-vortex and anti-vortices release energy, energy must be released from the NEMF during negative emotions, which would explain the drop-in energy we feel when experiencing negative emotions.

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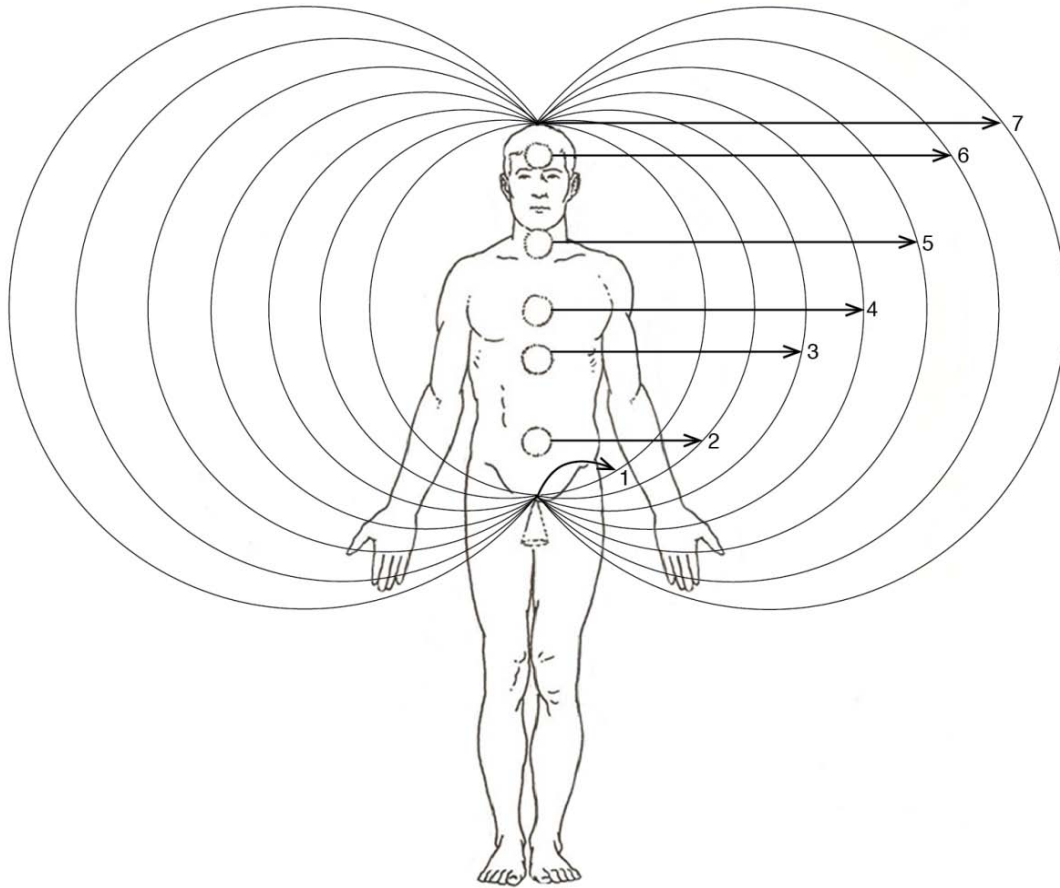


Fig. 1: Vertical cross section of the male torus shaped NEMF [3] and their corresponding discrete energy levels.

III. OUR MEASUREMENTS ON HUMAN'S NEMF DYNAMICS

We measured the weak NEMF of people with our patented supersensitive energy meter (1,000 times more sensitive than the equipment measuring the body biocurrents).

1/ First, we asked people to think about the happiest moments of their life and we measured their energy. We found that positive thoughts increase the energy. We also found that positive thoughts improve the energy balance by filling with more energy the places with lowest energy (just like a river would fill with more water the lowest places). Since improved energy balance means improved health, positive thoughts make you healthier (see Fig. 2) [2].

2/ Second, we asked people to think about the saddest (unhappiest) moments of their life and we measured their energy. We found that negative thoughts decrease the energy and worsen the energy balance. What was dropping in energy maximum was the genetically inherited weak organ with lowest energy, which means that each negative thought takes you a step farther to a disease of your genetically inherited

weak organ. In other words, each negative thought makes you sicker (Fig. 2) [2].

Energy measurements of Reiki healers and their patients were also done with our sensitive equipment. Reiki healing is energy healing done by laying hands over the bodies of the patients. 'Rei-Ki' means 'universal energy' and our measurements showed that indeed universal energy must be involved because after Reiki healing not only was the energy of the patient higher and more balanced, the energy of the healer was higher and more balanced. This is possible only if a third source of energy is involved [4].

We also noticed that after each Reiki healing the energy on top of the head of the Reiki Healers was getting higher. In acupuncture, this point is called 'Bai Huei', which means 'point of union', and looking at Fig. 1, one can see that it is indeed a point of union. The energy increase on top of the head indicates that this was the portal point through which the 'universal energy' was entering the bodies of the Reiki healers [4].

Obviously, the Reiki Healers suck electrical energy from the atmosphere (Universal Energy) through the top of their head, where the vortex opening of their donut shaped NEMF field is (Fig. 1). The upper hole of

the donut shaped NEMF on top of the head and the lower hole of the donut at the tailbone (Fig. 1) are at the two ends of the axis of spinning of the donut. Fig. 2 pictures the donut shaped NEMF of the human heart as measured by the Heart Math Institute in California [5].

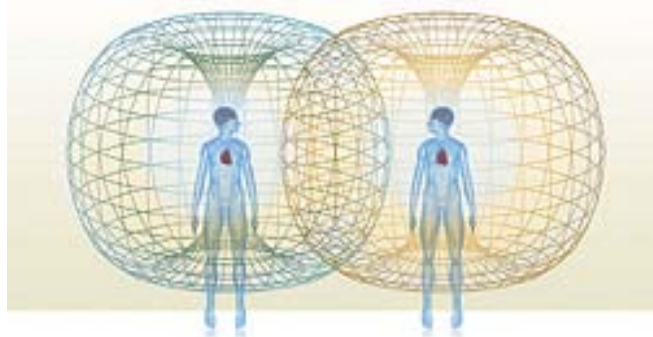


Fig. 2: The donut shaped NEMF of the human heart as measured by the Heart Math Institute in California [5] adopted from their webpage

When combining the measurements done on people with our patented supersensitive energy meter with the spinning measurements, which Dr. Shkatov did in Russia with his patented 'torsemeter', the following dynamics of the human NEMF becomes obvious:

1/ Positive thinking and positive emotions make the human NEMF spin faster in clockwise direction, at which the vortex point on top of the head (at the center of the donut shaped NEMF) sucks energy in. This energy increase explains the uplifting we feel at positive emotions or just positive thinking.

2/ Negative thinking and negative emotions make the human NEMF spin counterclockwise, at which the anti-vortex point on top of the head (at the center of the donut shaped NEMF) emits energy. This energy release explains our feeling of low energy at negative emotions or just negative thinking. I have seen Kirlian photos of angry people (in Russian books), on which one can see the energy emitted from the top of their head like lightning.

IV. THE STARS' AND HUMANS' NEMFs HAVE THE SAME SHAPE AND DYNAMICS

Amazingly, in astronomy stars exhibit similar dynamic of sucking or emitting energy through the hole of their donut shaped NEMF. In double stars, it was observed how the dimmer star was sucking energy through the hole of its donut shaped NEMF from the donut hole of the brighter star, which was losing energy. This continued until the energies of the both stars became equal [6], [7], [8].

Recently, Sarafina Nance of the University of Texas at Austin claimed in an article published in *Monthly Notices of the Royal Astronomical Society* that the rapid spinning of the famous star Betelgeuse was a result of swallowing another star [6]. Betelgeuse

probably engulfed the other star through the hole of its donut shaped NEMF because similar behavior was astronomically observed in double stars [6], [7], [8].

V. WHY DO DENSE CROWDS BEHAVE LIKE SOFT SOLIDS?

The author showed in [9] that everything material was created as a material body and torus-shaped NEMF. If so, not only are the stars and humans having the same donut-shape NEMF with the same dynamics, grains, atoms, and elementary particles have the same donut-shaped NEMF with the same dynamics. This explains why dense crowds of people could be modeled like soft solids. Scientists are modeling dense crowds as soft solids, but they cannot explain why it works. Here we offer an explanation why it works. Since people and particles have the same NEMFs, we can model the NEMF of dense crowds as dense soft solids.

VI. PREDICTING COLLECTIVE BEHAVIOR

Can we predict the collective behavior of a dense crowd at a rock concert when the crowd is emotionally excited? The answer is Yes! Knowing that when we feel excited, or we experience positive emotions, our NEMF spins clockwise like a vortex and sucks energy in (which makes us feel uplifted), we can predict the collective crowd movement at a rock concert. When the crowd's energy of excitation reaches a critical value, the crowd's collective movement is going to be counterclockwise to release some of the extra energy in the atmosphere. If so, we should not be surprised that mathematical modeling of a dense crowd behavior at rock concerts as soft solids [10], which have the same torus-shaped NEMFs, show collective movement in counterclockwise direction, at which according to nonlinear physics the excess excitement energy will be emitted in the atmosphere.

The authors of this mathematical modeling of crowds as soft solids [10] said that: 1/ it is not ethical to trigger a crowd disaster for the sake of science to see in which direction the collective movement of the dense crowd is going to be and 2/ little observational data are available on crowd disasters. However, considering the fact that at negative emotions the human donut-shape NEMF spins counterclockwise (like an anti-vortex) and loses energy (which makes us feel droopy), when the energy of the crowd reaches a critically low value, we can expect the collective movement of the crowd in the case of disaster to be in clockwise direction to replenish some of the critically low energy of the crowd.

According to nonlinear physics, the rule of the folded fingers of the right hand states that when the folded fingers are in the direction of spinning, the vertical thumb shows the direction of the induced magnetic field, which determines the direction of the energy flow. In the case of disaster, the collective movement of the

dense crowd clockwise, is expected to release the extra negative energy toward the earth. Indeed, independent Russian studies [11] showed that the Earth NEMF carries the imprints of all negativity on Earth.

VII. CONCLUSION

In conclusion we could say that if modeling dense crowds as soft solids works, it is because all material world was created as a matter and NEMF [9], and the matter and humans have the same donut-shape NEMF. For that reason, soft solids and dense crowds behave in a similar way, which allows dense crowds to be modeled as soft solids.

However, knowing that the human NEMF spins clockwise at positive emotions (according to Russian measurements), and sucks energy, we could predict that at positive emotions, like rock concert, when the energy of excitation surpasses a critical value, a dense crowd would move in counterclockwise direction to release some of the extra energy in the atmosphere. Knowing that the human NEMF spins counterclockwise at negative emotions and loses energy, we can expect at disaster (when the crowd reaches the critically low energy) collective movement of the crowd to be initiated in clockwise direction, at which some of the extra negative energy would be released to the earth.

Independent Russian investigations measured the imprint of negative emotion on the Earth's magnetic field [11]. If the Earth NEMF carries the imprints of all negativity on Earth, when intelligent extraterrestrials approach the earth, by reading the imprint of negative energy on the Earth's NEMF, they will know that on this planet negativity dominates and they will choose not to land on Earth because it is not safe.

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It is Impossible to Create the Universe without Nonlinear Physics

By Prof. Maria Kuman, Ph. D

Holistic Research Institute

Abstract- The author predicted that if the Black Holes are anti-matter, they must have hyperboloid shape. Shortly after the prediction a Black Hole was photographed and it had hyperboloid shape. The author further explained that two galaxies (or two Black Holes) would merge only if they have opposite magnetic polarity, which can happen only if they spin in opposite directions. Since the anti-vortices spin counterclockwise and create magnetic field off the anti-vortex, they are the ones that create matter. If so, the Black Holes at the center of the galaxies at the first half of their lifespan, when they are actively making new stars, must spin counterclockwise like an anti-vortex. Since all observed merging of Black Holes, galaxies, and galaxy clusters requires opposite magnetic polarities of the mergers, which means spinning in opposite direction, in the second half of their lifespan, the galaxies and the Black Holes at the center of them must spin clockwise (like vortices). Since vortices suck energy, in the second half of the galaxy lifetime, the galaxy's Black Hole will spin clockwise and attract and swallow the old stars to recycle them and turn them into anti-matter, so that with time new stars can be created in perfect order.

Keywords: *nonlinear physic; turbulence; cosmos and turbulence; merging of black holes; merging of galaxies; merging of galaxy clusters; magnetic origin of the merging; opposite spinning of the mergers.*

GJSFR-A Classification: FOR Code: 020503p



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Keywords: *nonlinear physic; turbulence; cosmos and turbulence; merging of black holes; merging of galaxies; merging of galaxy clusters; magnetic origin of the merging; opposite spinning of the mergers.*

I. INTRODUCTION

Many physicists refuse to get acquainted with nonlinear physics assuming it must be a lot more difficult and complicated than the linear physics. It is not and considering the importance of nonlinear physics, we must include it in our curriculum and start teaching it. Why is nonlinear physics so important? First, you cannot explain without nonlinear physics how the Universe was created and how it functions [1]. Second, you cannot explain the dynamic of onset of a disease and its cure without nonlinear physics [2]. Third, you cannot describe the dynamic of phase transitions in liquids, solids, or liquid crystals without nonlinear physics [3]. Forth, you cannot describe dopped organic polymers without nonlinear physics because the dopped polymers are

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inhomogeneous media and inhomogeneous media requires nonlinear description [4], etc.

Let us first explain what is nonlinear physics, i.e. what nonlinear physics deals with. Let us introduce some concepts of nonlinear physics, which we would need. The flux of running river-water would be linear, if the bottom of the river is smooth. However, if there is a big stone on the bottom of the river, the water needs to flow around the stone and the water flux becomes nonlinear. Behind the stone, turbulence would be observed manifested with a couple of: vortex spinning clockwise and anti-vortex spinning counterclockwise.

Following the law of the folded fingers of the right hand in physics, when the folded fingers show the direction of the electrical current in a solenoid (or the direction of plasma spinning), the vertical thumb show the direction of the induced magnetic field. Following this law, the vortices (which spin clockwise) would induce magnetic field toward the surface. This would make the vortices to suck energy in. Following the same law, the anti-vortices (which spin counterclockwise) would induce magnetic field off the surface, which would make the anti-vortices to emit energy.

Why is it not possible to describe the dynamic of creation and functioning of our Universe without nonlinear physics? Our Universe is a cluster of galaxies. Finally, our scientists agreed that every galaxy seems to have a Black Hole in the middle. And there should be a good reason why this Black Hole is in the middle - the young Black Hole gives birth to the stars of the galaxy. During this time, powerful jets of anti-matter are ejected from both ends of each Black Hole swirling as far as trillion km [1]. For this to happen, the Black Hole must be a swirling pool of anti-matter. And a swirling whirlpool could be described only by nonlinear physics.

II. THE AUTHOR PREDICTED HYPERBOLOID SHAPE OF THE BLACK HOLES AND SHORTLY AFTER THE PREDICTION SUCH WAS OBSERVED AND PHOTOGRAPHED

In 2019, I published an article in Open Access Journal of Mathematical and Theoretical Physics – “How Was the Material World Created? - Origin of Its Nonlinear Electromagnetic Field (NEMF)” [1]. The article was submitted on February 22 and posted online on March 18, 2019. Fig. 1 presents the picture of the Black Hole, which I have in article [1].

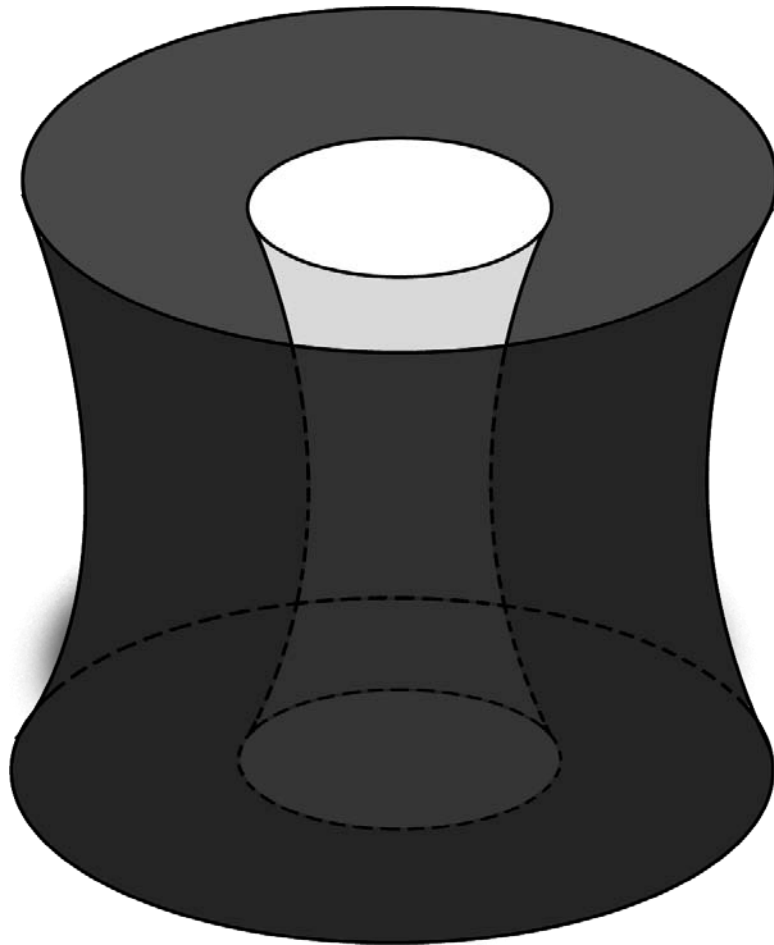


Fig. 1: Anatomy of a Black Hole

On April 10, 2019 (less than a month after the posting of my article) the first photo of a Black Hole was published (see Fig. 2).

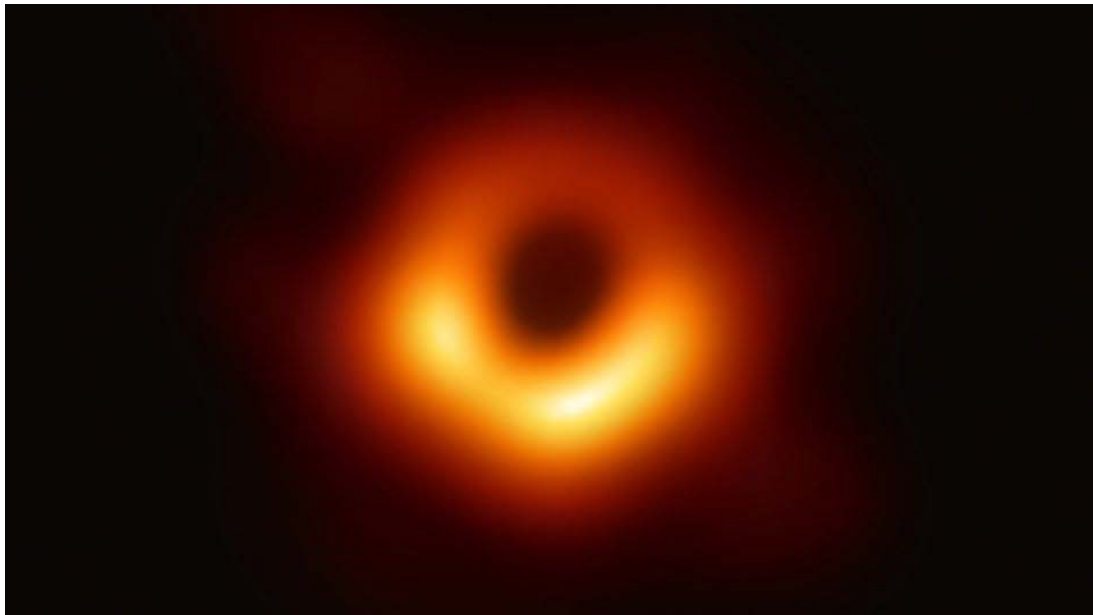


Fig. 2: Photo of a Black hole first published on April 10, 2019 [5]. One can see the same hyperboloid curvature as the Black Hole, which my mind has seen (Fig.1) (for how the mind see, see [6]).

However, as it was explained in [1], the dark-inside Black Hole like the one on the photo on Fig. 2, is a Black Hole in the second half of its lifetime when it is in a retrieving state. It spins clockwise (like a vortex) and retrieves (sucks back) the already old dying stars. The Black Hole on Fig. 1, which is not totally dark inside, is a Black Hole in the first half of its lifetime when it is in a creative cycle. It spins counterclockwise (like an anti-vortex) and gives birth to new stars (for details see [1]). I hope in the future we will also have photos of Black Holes in their active cycle when giving birth to stars and looking like the picture on Fig. 1.

III. THE NATURE OF THE BLACK HOLES

As explained in [1], since the new stars move away from the Black Hole in open trajectories, the Black Hole must be anti-matter creating anti-gravitational field pushing the stars away from the Black Hole. To create stars, the Black Hole must spin counterclockwise like an anti-vortex because only anti-vortices spinning counterclockwise create outward magnetic field, which can give birth to matter.

As explained in [1], the Black Hole at the center of each galaxy squirts out powerful jets of anti-matter perpendicular to the plane of the galaxy. This is another proof that the Black Hole is anti-matter, which must be spinning fast counterclockwise to emit such outward powerful jets, reaching distances of trillions of kilometers. The magnetic field, which the Black Hole generated by this fast spinning, is also very powerful.

IV. MERGING OF BLACK HOLES

Since the Black Holes in the first half of their lifetimes spin counterclockwise and in the second half of their lifetimes spin clockwise, they will create magnetic fields with opposite polarity and they will attract each other as two magnets with opposite polarities do. Therefore, the recently observed merging of two Black Holes with LEGO [7] must be Black Holes with opposite magnetic polarity, i.e. Black Holes spinning in opposite direction. This means that one of the Black Holes was in the first half of its lifetime and the other one in the second half of its lifetime. Therefore, merging means a younger Black Hole engulfs an old Black Hole, which is recycling of the old Black Holes.

When the opposite magnetic fields of two Black Holes merge, expect electromagnetic waves to be emitted. Therefore, the wave LEGO detects are not gravitational waves, they are electromagnetic waves. These electromagnetic waves must be nonlinear to be able to travel trillions of kilometers without dissipation and there should be a media for them to propagate [1]. Electromagnetic waves must also be observed when galaxies merge and even when galaxy clusters merge.

V. MERGING OF GALAXIES AND CLUSTERS OF GALAXIES

In [1] it was explained that two galaxies could merge only and only if they have opposite magnetic polarity because they would attract each other as two magnets with opposite polarity do. For this to happen, they must spin in opposite direction. It was also explained that the younger galaxies, which still create stars spin counterclockwise like an anti-vortex and crank outward magnetic field. The older galaxies spin clockwise and crank inward magnetic field, which retrieve (suck in) the old stars to recycle them [1]. If so, younger galaxies will be engulfing older galaxies. Indeed, our galaxy has engulfed the older Sagittarius Dwarf Galaxy in the past and we can still see its Black Hole with the leftover stars orbiting around the center of our galaxy.

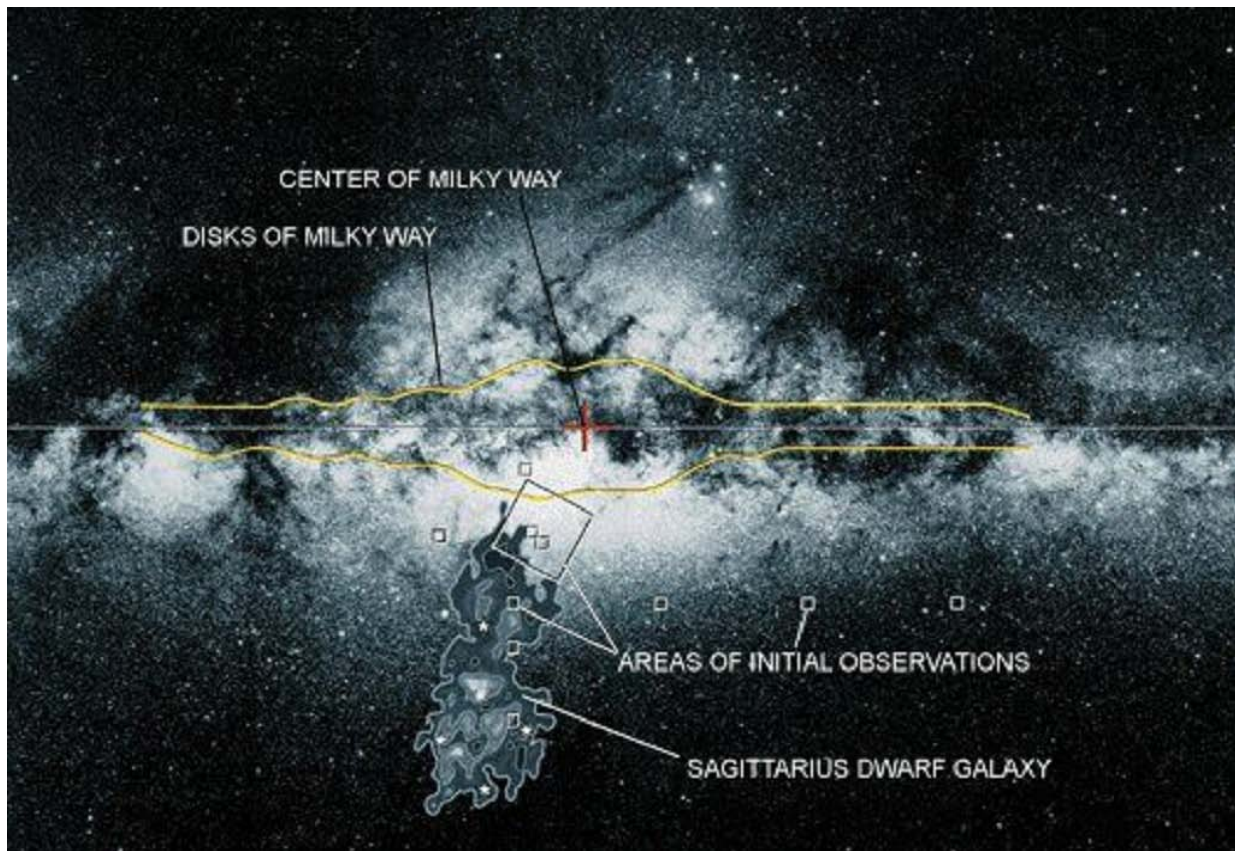


Fig. 3: The Black Hole and the leftover stars of the older Sagittarius Dwarf Galaxy, which our galaxy engulfed in the past, is still orbiting around the center of our galaxy. Also, remnants of another older galaxy were found in the Milky Way and its stars were orbiting in opposite direction of ours [8]

The same rule of merging applies to galaxy clusters. Recently, the Low Frequency Array Telescope, which operates in Nederland, detected unobserved radio synchrotron radiation and X-ray emission between two merging galaxy clusters in the filament that connects Abell 0399 and Abell 0401 [9]. Frederica Govoni of the National Institute for Astrophysics in Italy [10] interpreted this synchrotron emission as generated by powerful magnetic fields that extend to very large distances (more than it was thought possible). Govoni said that “they don’t know if the observed phenomenon is common in the cosmic web or not”. I can assure her that, yes, it is a common phenomenon in the cosmic web.

What generates the powerful magnetic fields is fast spinning plasma. Just like in the case of merging Black Holes or galaxies, two galaxy clusters merge only when they create magnetic fields with opposite polarities. This means that a younger galaxy cluster engulfs an older galaxy cluster spinning in opposite direction. Therefore, the merging of Black Holes, galaxies, and galaxy clusters is a process of recycling of the old Black Holes, galaxies, and galaxy clusters. If so, the whole Universe cannot expand indefinitely, contraction should follow the expansion.

VI. THE SECRETS OF NOVA

Koji Mukai and Jennifer Sokoloski wrote an article in *Physics Today*, issue 11, 2019 “The New Science of Nova”. However, there was no much science in the article because the authors were not acquainted with nonlinear physics. Nova is usually dwarf star coupled with a red giant as a binary star. The authors explain that the dwarf star sucks energy from the red giant, and when spitting out the engulfed energy, it shines bright and it is called Nova. The authors don’t have a clue how this is done and why it is done.

Let us see what nonlinear physics can tell us. If the dwarf is sucking energy, it must spin clockwise like a vortex. If this is a binary star, the red star companion must be spinning counterclockwise - in another way, they will not attract each other to form a couple. They need to spin in opposite directions to create magnetic fields with opposite polarity and attract each other. Counterclockwise spinning of the red giant like an anti-vortex means that it would be emitting energy through the hole of its donut-shaped NEMF, while the dwarf companion would be sucking energy through the hole of its donut-shaped NEMF.

Nonlinear physics teaches that the dwarf will continue sucking energy until critical mass (bifurcation

point) is reached. Then the dwarf will release the engulfed energy, but retain the new state. Thus, knowing nonlinear Physics we were able to answer the question how the dwarf star sucked energy from the red giant, whose release later made it shine as Nova, and why it was done.

VII. CONCLUSION

The author reported at the APS Conference in Los Angeles, California, in 2018: "Physics Must Emphasize Stronger the Role of Magnetic Fields in the Universe and Man" [11]. This article emphasizes again the important role, which magnetic fields play in the cosmos, and the source of these powerful magnetic fields is fast spinning plasma. However, fast spinning plasma means turbulence, which is subject of nonlinear physics. Therefore, astronomy cannot be understood without nonlinear physics and only nonlinear physics can help us understand how the Universe was created and function.

Recently LEGO observed merging of two Black Holes and two neutron stars. Two Black Holes, galaxies, or galaxy clusters would merge only if they spin in opposite directions because the opposite spinning creates magnetic fields with opposite polarity, which make the objects attract each other as two magnets with opposite polarity do. Since anti-vortices emit energy, Black Holes must spin counterclockwise like anti-vortices when they are young and give birth to matter (stars), which move away from them in open trajectories forming a galaxy.

The fact that the stars, which the young Black Hole created, move away from it in open trajectories means that the Black Hole creates anti-gravitational force. To create such anti-gravitational force, the Black Hole must be anti-matter. Since, as said, two Black Holes would merge only if they spin in opposite direction, this means that there are also Black Holes that spin clockwise as vortices and suck matter in. It seems that when the stars are old and the galaxy warped, they are sucked back in the Black Holes and recycled, i.e. turned into anti-matter again.

The Hubble telescope found that 60% of the galaxies in our Universe are warped. This means that our Universe is more than middle age. What will happen when 100% of the galaxies are warped? Obviously, the disordered Universe needs to be recycled, so that a new Universe in perfect order can be created. For this to happen, the Universe needs to start spinning in opposite direction and contracting. Every galaxy was created in perfect order, but when it becomes totally disordered, it needs to be sucked back in the Black Hole that created it and recycled, i.e. dismantled or turned back into anti-matter. With time the anti-matter of the Black Hole will create a new galaxy in perfect order.

If so, the merging of Black Holes (or neutron stars), which LEGO observed, is magnetic attraction between young cosmic objects spinning counterclockwise and old cosmic objects spinning clockwise. If so, the merging is a way to get rid of the old, i.e. it is part of the recycling process. Thus, the anti-matter of the Black Hole at the center of the galaxy created the whole material galaxy in perfect order, but as the galaxy and the stars age, they need to be sucked back by the Black Hole and recycled, i.e. turned back into anti-matter.

This means that:

- 1/ our Universe is constant periodic switch anti-matter \leftrightarrow matter;
- 2/ our Universe cannot expand forever - the present expansion of the Universe must be followed by a process of contraction.

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Love and Harmonic Music - Their Impact on Education and the Mentally Sick

By Prof. Maria Kuman, PhD

Holistic Research Institute

Abstract- Scientific research found that meditation on Love increases the harmonic vibrations in EEG and ECG. Thus, Love means harmony. It is not by chance that the Emotional Brain and the Quantum Supercomputer, which works with the waves of our NEMF, which we see as aura (“orr” in Hebrew means “light”) and call it Spirit, are both in the Subconscious. This article is about how to involve the emotional Subconscious and its Quantum Supercomputer in the educational process to facilitate the learning process and make the learning easy and fun and how to help mentally sick to regain its mind harmony through Love, harmonic music, and harmonic combination of colors in painting art.

Keywords: love; harmony; harmonic music; harmonic colors in art; schools with subconscious learning; harmony for cure of mentally sick.

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I. INTRODUCTION

Black Holes of dark anti-matter create the material world and the NEMF that separates the anti-matter from the matter is imprinted on all material creations [1]. For that reason, the whole material world (alive and not alive) is dark material bodies and light nonlinear electromagnetic field (NEMF). We, the humans, are also dark material body and light NEMF, which I measured for almost 40 years. We see it as aura (‘orr’ means ‘light’ in Hebrew) and call it Spirit. Since the Creator created everything in His image (indeed stars, planets, etc. have the same torus-shape light NEMFs with the same dynamics [1]), He must be Light.

The Universe was created in perfect order and moved in perfect harmony. Since the HeartMath Institute in California found that meditation on Love increases the heart and brain harmonic vibrations [2], Love means Harmony [2] and if so a Universe in perfect harmony could be created only with Love. Therefore, the Creator must be Light woven with Love and so the people, who had been in a state of clinical death and came back, describe Him [3].

Thus, we are dark material bodies and light NEMF. While the dark material body needs food to sustain its existence, the light NEMF called Spirit needs Love. It is not by chance that the Emotional Brain and the Quantum Computer operating with the waves of the Spirit [4] are both in the Subconscious – our Emotions come with the Spirit and the emotion of Love makes the vibrations of our Spirit (NEMF) harmonic.

Our NEMF is sensitive to light (colors) and sound. A harmonic combination of colors in a painting or sounds in a harmonic music would make our NEMF more harmonic, just as Love does. This explains why listening to harmonic music and looking at paintings with harmonic combination of colors emotionally uplift us, just as Love do, because they make our NEMF more harmonic, and harmony is perceived as happiness.

Since our NEMF rules and regulates the functioning of all our organs from the Subconscious, harmonic NEMF means harmonically functioning organs, which we call good health. If so, both listening to harmonic music and looking at paintings with harmonic combination of colors, which emotionally uplift us, by making us happier will make us healthier as well. Then, why not to use them to enhance our education and cure the sick, especially the mentally sick?

II. SCHOOL WITH SUBCONSCIOUS LEARNING IMPLEMENTING LOVE AND HARMONIC MUSIC

35 years ago, my son attended the Experimental School with Subconscious Learning in Sofia, Bulgaria, which was the only one of this kind on planet Earth. It was experimental school of the Institute of Sugestopedia [5]. All teachers were specially chosen to love their job and love the kids they teach. They were also specially trained at the institute to meditate and well advised to meditate on Love every day. When the teaching is done with Love, there is no barrier between the teacher and the students and the knowledge freely flow.

My son broke his hand at the wrist when falling on ice in the winter. I gave him an herb to stimulate the regrowth and the wrist healed in three days. The doctor said he can go back to school (not to miss school), but if he would fall, since the place of regrowth is only cartilage, it will brake again. I took my son to school and explained to the teacher what the doctor said. When I went to the school to pick my son, I was ready to cry.

One student help him dress, another student was caring his school bag. When they went out of the classroom, in the corridor a group of students formed an arch around him for protection so that students from the other classes wouldn't accidentally bump on him or push him. It was a tender care that brought tears in my eyes. It was a loving tender care for my injured son. The

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teachers loved the students and they were teaching the students to love one another, help one another, and care for one another. That is the way it should be, but it is not the way it is in our ordinary schools.

Another characteristic feature of the School with Subconscious Learning was: all the teaching was done with soft, harmonic classical music on the background. If Love is harmonic vibrations, which facilitate the flow of knowledge from the teacher to the students, so would classical harmonic music. Also, the students were learning to read by reading poetry, which is harmonic text. With the Love, the harmonic music and harmonic texts, the students were learning to read and write after the first two months. But there was a lot more to it.

In first grade, in the first half of the year the students were learning addition and subtraction and equations with addition and subtraction, in the second half of the year multiplication and division and equations with multiplication and division. Nobody complained that it is difficult because it was made easy. The experimental School with Subconscious Learning aimed to prove that it is important not only what you teach, it is much more important how you teach it.

The success of the school proved that mathematics should not be taught in the abstract way we teach it in our schools and the whole process of teaching should be done in a harmonic environment – with Love and harmonic music, and with a special emphasis on visualization. By involving the emotional Subconscious and the Quantum Supercomputer in our education, we can make the learning process easy and fun.

III. WHY NOT TO IMPLEMENT THE LOVE AND HARMONIC MUSIC IN THE MENTAL HOSPITALS?

The Christian Bible tells the story of King David. When they were playing the lute (harp) to him, he would calm down and the Evil Spirit would not torment him. If it worked for King David, it would work for anybody else with mental problem. Why are we not using harmonic music to calm down the mentally sick in the psychiatric hospitals? I beg your pardon – in the US there is no more psychiatric hospitals, they were all closed.

The mentally sick were kicked out on the streets and they were given so little amount of disability money that they have a heavy choice to make. If they use the money for food, they will not have a roof. If they pay to have a roof, they will not have what to eat. With easy access to guns, no wonder we have so much shooting. Mentally sick needs mental hospitals with tender care with Love, classical music at the background, access to art with harmonic combination of colors, and opportunity to express themselves artistically.

The mental diseases are called in Bulgaria 'diseases of the Soul' and this would be the right name for them because Soul is the unity of body and Spirit and the Spirit is the one that is emotional – both the Emotional Brain and the Quantum Supercomputer (working with the waves of the Spirit) are in the Subconscious. The so-called mental diseases frequently result from emotional distress with strength over the limit of tolerance. So the right name for them would be diseases of the Soul, they are not diseases of the mind.

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The Best Time to Heal with our Informational NEMF?

By Prof. Maria Kuman, PhD

Holistic Research Institute

Abstract- The article underlines that the best time to heal with prayer through our informational nonlinear electromagnetic field (NEMF) is at dawn and dusk when the spinning of our NEMF turn to opposite, the breathing is done through both nostrils, and both brain hemispheres are active. Since one of the hemispheres is mostly related to the Conscious and the other mostly related to the Subconscious, this is the time when the Conscious and the Subconscious are bridged and the Subconscious can be reached. This is very important for info-energy healing (healing with prayer), which is done through the Quantum Computer in our Subconscious, which operates with the waves of our NEMF, which rules and regulates everything in the body. Thus, the best time for info-energy healing (healing with prayer) is at dawn and dusk when the Quantum Computer that rules and regulate everything can be accessed. Also, in our one-and-a-half-hour cycle of breathing, the best time for healing is the time of switch between one-and-a-half-hour breathing through the right nostril and one-and-a-half-hour breathing through the left nostril when for a short time the breathing is done through both nostrils.

Keywords: *healing; time to heal with prayer; dawn and dusk prayer healing; healing and breathing; healing during breathing switch.*

GJSFR-A Classification: FOR Code: 029999p



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Keywords: healing; time to heal with prayer; dawn and dusk prayer healing; healing and breathing; healing during breathing switch.

I. INTRODUCTION

Let us introduce some concepts of nonlinear physics, which we would need. The flux of running river-water would be linear, if the bottom of the river is smooth. However, if there is a big stone on the bottom of the river, the water needs to flow around the stone and the water flux becomes nonlinear. Behind the stones, turbulence would be observed manifested with a couple of: vortex spinning clockwise and anti-vortex spinning counterclockwise.

Following the law of the folded fingers of the right hand in physics, when the folded fingers show the direction of the currents (or the direction of spinning), the vertical thumb show the direction of the induced magnetic field. Following this law, the vortices (which spin clockwise) would induce magnetic field toward the surface. This would make the vortices to suck energy in. Following the same law, the anti-vortices (which spin counterclockwise) would induce magnetic field off the

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surface, which would make the anti-vortices to emit energy.

II. ANCIENT WISDOM AND MODERN FRONTIER SCIENCE FOR THE INFLUENCE OF POSITIVE AND NEGATIVE EMOTIONS ON OUR NEMF CALLED SPIRIT

The human nonlinear electromagnetic field (NEMF) (Fig. 1) is seen as “aura” (which in Hebrew means “light”) and called Spirit. It can be photographed in high frequency electric field (Kirlian photography). The Russian scientist Shkatov found with his patented ‘torsemeter’ [1], which allows him to measure the spinning of the human NEMF (Fig. 1), that at positive emotions (joy, happiness, etc.) the human NEMF spins clockwise. According to nonlinear physics, the vortices spin clockwise and suck energy in. This means that when we experience positive emotions, our NEMFs spin clockwise and suck energy in. This explains the energy uplift we usually feel when experiencing positive emotions.

I spent 40 years of my life measuring the human NEMF, including studies of how positive or negative thinking influence it. Our electrical measurements of NEMF [2] found energy increase on top of the head (Fig. 1) at positive emotions or just positive thinking, which means electrical energy has been sucked from the atmosphere through the top of the head, which energized or activated (Yang) the whole NEMF, and increased the spinning of its vortices and anti-vortices called chakras (in Sanskrit “chakras” means “spinning wheels”).

The Russian scientist Shkatov also found that at negative emotions (anger, hatred, sadness, etc.) the human NEMF spins counterclockwise [1]. According to nonlinear physics, the anti-vortices spin counterclockwise and loose energy. This means that when we experience negative emotions, our NEMFs spin counterclockwise and loose energy, which explains the low energy we feel when experiencing negative emotions.

Our electrical measurements of NEMF [2] found energy decrease on top of the head (Fig. 1) at negative emotions or just negative thinking, which means that energy has been lost. This deactivates the whole NEMF and reduces the spinning of its vortices and anti-vortices called chakras. However, how this is going to work for

females, whose NEMF is spinning in direction opposite to the man's NEMF? [3].

III. THE DAY/NIGHT DYNAMICS OF OUR NEMF CALLED SPIRIT FOR BOTH GENDERS

Yogi books [4] claim that the chakras, which are the alternating vortices and anti-vortices of the human nonlinear electromagnetic field (NEMF), change the direction of their spinning to opposite at dawn and dusk. If the alternating vortices and anti-vortices of our NEMF change the direction of their spinning to opposite at dawn and dusk, the spinning of the whole our NEMF must change to opposite at dawn and dusk.

This makes sense because during the day, which is the active cycle of humans, the man's torus

shape NEMF (Fig. 1), must spin clockwise like a vortex and suck in energy from the atmosphere through the top of the head. The said above is in full agreement with ancient Chinese texts, which claim that during the day (Yang), when the Sun is active (Yang), the processes in the male (Yang) body are more active (Yang).

For this to happen, the man's NEMF must spin clockwise and suck energy in. The sucked energy is not just any kind of energy – it is energy that stimulates (Yang). Since the electrical energy stimulates (Yang), during the day (Yang), the man's (Yang) NEMF must suck electrical (Yang) energy from the atmosphere through the top of the head to get energized or stimulated (Yang) (Fig. 1) [5].

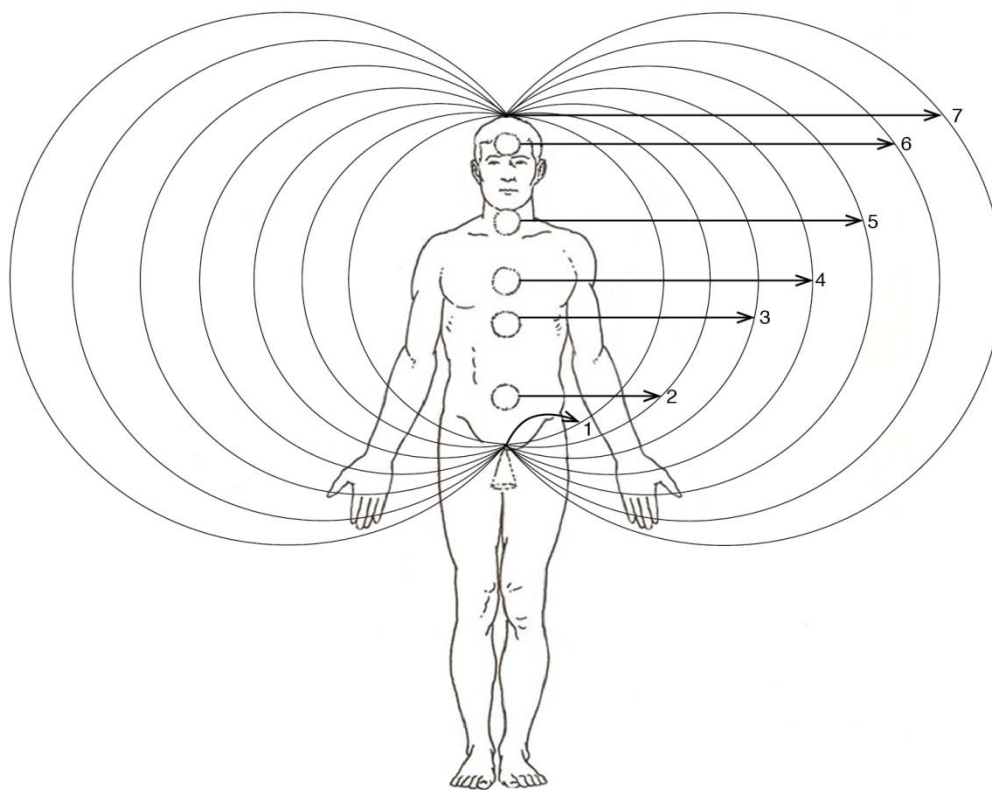


Fig. 1: Vertical cross section of the human torus shaped NEMF with its vertical chain of alternating vortices and anti-vortices and their corresponding energy levels

During the night, the man's NEMF must spin counterclockwise like an anti-vortex and loose energy through the top of the head because this is the time when man rest and sleep. Ancient Chinese texts claim that during the night (Yin), all the processes in the male body are passive (Yin). This means that during the night (Yin), man's NEMF must spin counterclockwise and loose energy in the atmosphere through the top of the head, so that the body can rest and sleep.

Thus, during the day (Yang) when the body is active (Yang), man's (Yang) NEMF spins clockwise and breathes in electrical stimulating (Yang) energy. During the night (Yin), when the body needs to rest (Yin) and sleep, man's NEMF spins counterclockwise and breathes energy out. However, how this is going to work for females, whose NEMF is spinning in direction opposite to the man's NEMF? [3]

Since the male and female NEMF spin in opposite directions at the same time of day or night [3], the female (Yin) NEMF must spin counterclockwise during the day and suck magnetic (Yin) energy from the Earth (Yin) through the Earth chakra, which is at the tailbone open to the Earth. During the night, the female (Yin) NEMF must spin clockwise and release the magnetic (Yin) energy to the Earth (Yin) to calm (Yin) down the processes in the female (Yin) body so that the female (Yin) body can have the needed rest and sleep.

The activation of the male (Yang) Spirit (NEMF) during the day by sucking stimulating electric (Yang) energy from the atmosphere is probably the basis of our concept of Father God in Heaven. The activation of the female (Yin) Spirit (NEMF) during the day by sucking magnetic (Yin) energy from the Earth (Yin) is probably the basis of our concept of Mother Goddess of Earth.

The ancient Chinese texts always underline that keeping the Yang and Yin balanced in every body (male and female) is the key to good health [4]. But based on what we just said, balanced Yin and Yang means balanced activity and rest. According to Yoga books [5], the best time to heal, i.e. balance the chakras and balance Yin and Yang is at dawn and dusk when the NEMF changes its direction of spinning, and so do the chakras, which are the vortices and anti-vortices of our NEMF.

Since "Yoga" means "connected to God", Yogi books [5] say that dawn and dusk is also the best time to meditate and connect to the Creator God. This is because the Subconscious contains information about the Creator, of which we are not consciously aware. As said, at dawn and dusk when the spinning of our NEMF turns to opposite and we breathe through both nostrils, both brain hemispheres are active, and this allows access to the Subconscious, where our powerful Quantum Computer operates with the waves of the Spirit that comes from God.

Since Russian scientists found through EEG studies that both meditation and prayer deactivate the Conscious so that we can hear the voice of the Subconscious, dawn and dusk when the Conscious and the Subconscious are bridged, will be the best time to meditate on health (or pray for health) and also to hear the voice of the Creator from the Subconscious, where the Quantum Computer operates with the waves of our NEMF, which we call Spirit, and see as aura.

Dawn and dusk, when the Conscious and the Subconscious are bridged, is also the best time to receive intuitive insights or solutions from the Quantum Computer in the Subconscious, which works with the waves of the Spirit. Formulate the problem you need to solve before to asleep, and if you are lucky, you may get the solution from the Quantum Computer when you awake. Since a Quantum Computer is involved, the time of receiving the solution is always an outcome with probability.

Thus, meditate and pray during dawn and dusk for health, to balance your Spirit, and to balance your Spirit (Yang) and body (Yin).

IV. THE HOURLY DYNAMICS OF OUR NEMF CALLED SPIRIT

Our cycle of breathing is in synchrony with our brain activity. Every one-and-a-half hour we breathe through the left nostril and our right-brain hemisphere is active. The next one-and-a-half hour we breathe through the right nostril and our left-brain hemisphere is active. While one of the hemispheres is mostly related to the Conscious, the other is mostly related to the Subconscious. When the breathing switches from left to right nostril or vice versa, for short period of time the breathing is done through both nostrils and this is the time when the Conscious and the Subconscious are bridged.

As said, the best time to pray for healing or meditate on healing is at dawn and dusk when the spinning of our NEMF switches to opposite and we breathe through both nostrils, because this is the time when the Conscious and the Subconscious are bridged. In the same way, the best time for healing with prayer or meditation is during the switch from the one-and-a-half hour breathing through the left nostril to the one-and-a-half hour breathing through the right nostril and vice-versa, when both nostrils are active. However, in the hourly switch the time for healing is shorter than in the day/night switch.

Ancient acupuncture sources highly recommend the acupuncture treatments to be synchronized with the cycle of breathing.

1/ When the acupuncturist wants to stimulate to insert the needle at the time when all the breath is exhaled. He must wait until the patient has to inhale (which activates the body) to move the needle. When it is time to withdraw the needle to do it at the time the inhalation begins.

2/ When the acupuncturist wants to sedate to insert the needle at the time of inhalation. When it is time to withdraw the needle to do it when all the breath is exhaled (which deactivates [6] the body).

In both cases (stimulation or sedation) the needle movement is done at the time the breathing switches from left to right nostril or vice-versa and the breathing is done through both nostrils for a short period of time. This bridges the Conscious to the Subconscious, which allows access to the Quantum Computer in the Subconscious, which through the waves of the NEMF rules and regulates everything in the body. All said comes to prove that acupuncture seems to work through our NEMF.

The author of this article predicted with a mathematical model in 1983 that waves must run from a treated with needle acupuncture point [4] and these

waves were experimentally confirmed in 1984 [4]. If so, acupuncture works through the waves of our NEMF. With the waves of our NEMF also operates our Quantum Computer in the Subconscious, which rules and regulates everything in the body. In the light of all this, we can understand why ancient acupuncture sources recommend acupuncture to be synchronized with the cycle of breathing.

Also, ancient texts on acupuncture recommend stimulating acupuncture to be done only in the morning because the energy (Chi) grows in the morning; the ancients say it will be like swimming in the direction of the river flow. This was confirmed by contemporary studies, which found that the cortisol level, which determines our energy and the strength of our immune system, grows in the morning [6].

Also, ancient texts on acupuncture recommend sedating acupuncture to be done only at the evening because the energy (Chi) decreases in the evening. The ancients say it will be like swimming in the direction of the river flow. This was confirmed by contemporary studies, which found that the cortisol level, which determines our energy, decreases in the evening [6].

V. CONCLUSION

Thus, the best time for info-energy healing is at dawn and dusk when the direction of the spinning of our informational NEMF (Spirit) changes to opposite. This is when we breathe through both nostrils and both brain hemispheres are active. Since one hemisphere is mostly related to the Conscious and the other to the Subconscious, this means that the Conscious and Subconscious are bridged. If so, this is the time when the Subconscious can be reached and in the Subconscious is the Quantum Computer, which rules and regulates everything in the body through the waves of our NEMF (Spirit).

Dawn and dusk is also the time to balance the chakras of the Spirit, which are the vortices and anti-vortices of the human NEMF. Since Russian scientists found with EEG studies that during both - meditation and prayer - the Conscious is not active (just like during hypnosis), which allows access to the Subconscious, dawn and dusk are the best time to meditate and pray for health, i.e. to reach our Quantum Computer, which through the waves of our Spirit (NEMF) rules and regulates everything in the body.

That is why it is essential to meditate and pray for health at the time when the Conscious and the Subconscious are bridged, which allows access to the Quantum Computer in the Subconscious. This is: 1/ at dawn and dusk when the spinning of our NEMF turns to opposite and we breathe through both nostrils and 2/ when the breathing switches from one-and-a-half-hour breathing through the left nostril to one-and-a-half-hour breathing through the right nostril or vice-versa and for a

short period of time the breathing is done through both nostrils.

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Pandemic and the Detrimental Effect of Negative Thinking and Emotions (Especially Fear) on our Immunity

By Prof. Maria Kuman, PhD

Holistic Research Institute

Abstract- Based on measurements, the author describes and explains the detrimental effect of negative thinking on the health of the negatively thinking individual, as well as the detrimental effect of negatively thinking individuals on other individuals. The article also describes and explains the detrimental effect of negative thinking and negative emotions (fear, hatred, anger, etc.) on the magnetic field of the Earth. 500 million scared individuals can lower the magnetic field of the Earth to the degree of causing a magnetic storm and our immune system is ruled electromagnetically through our nonlinear electromagnetic field (NEMF), which rules and regulates everything in the body including the immune system. In time of pandemic, like the one we have now, it is essential to stay calm and think positively because panic and fear are paralyzing emotions, which will decrease our immune abilities and make us victims of the virus. So, stay calm, do not allow to be scared if you want to survive the pandemic. Don't be scared be prepared.

Keywords: *negative thinking, magnetic field of earth, magnetic field of the individual, health of the individual, magnetic fields of other individuals, health of other individuals.*

GJSFR-A Classification: FOR Code: 040499



PANDEMIC AND THE DETRIMENTAL EFFECT OF NEGATIVE THINKING AND EMOTIONS ESPECIALLY FEAR ON OUR IMMUNITY

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Pandemic and the Detrimental Effect of Negative Thinking and Emotions (Especially Fear) on our Immunity

Prof. Maria Kuman, PhD

Abstract- Based on measurements, the author describes and explains the detrimental effect of negative thinking on the health of the negatively thinking individual, as well as the detrimental effect of negatively thinking individuals on other individuals. The article also describes and explains the detrimental effect of negative thinking and negative emotions (fear, hatred, anger, etc.) on the magnetic field of the Earth. 500 million scared individuals can lower the magnetic field of the Earth to the degree of causing a magnetic storm and our immune system is ruled electromagnetically through our nonlinear electromagnetic field (NEMF), which rules and regulates everything in the body including the immune system. In time of pandemic, like the one we have now, it is essential to stay calm and think positively because panic and fear are paralyzing emotions, which will decrease our immune abilities and make us victims of the virus. So, stay calm, do not allow to be scared if you want to survive the pandemic. Don't be scared be prepared.

Keywords: *negative thinking, magnetic field of earth, magnetic field of the individual, health of the individual, magnetic fields of other individuals, health of other individuals.*

I. EXPLAINING THE DETRIMENTAL EFFECT OF NEGATIVE EMOTIONS AND NEGATIVE THINKING ON EARTH

Thoplav [1] describes the findings of Dr. Dmitriev in Siberia when they were measuring the intensity of the earth's magnetic field at points with higher magnetic energy and activity. They noticed that the magnetic energy was suddenly increasing when one of the people from the team was nearby. They were able to register with their magnetometers the presence of this person from a distance of 6 meters. They decided to investigate the influence of human's electromagnetic fields (EMF) on the magnetic field of the earth.

First, they asked the person who was increasing the geomagnetic field (he was an optimist) to think about the saddest moment of his life. This reduced the geomagnetic field at the active side, where he was standing, with 16 nanotesla. When they ask him to think about the most joyful moment of his life, the energy of

the geomagnetic field grew up over 1,000 nanotesla and went beyond the scale of their magnetometers.

Then they asked the pessimist of their team (who always thought that everything happening was bad) to step in the active magnetic geopoint. The intensity of the geomagnetic field dropped down to 35 nanotesla. When he was asked to do his best to recall the most joyous moment of his life, the intensity of the geomagnetic field barely reached 90 nanotesla.

This proves that our electromagnetic field (EMF) influences the magnetic field of the earth. This influence is positive (magnetic energy is added to the earth) when the person thinks positively and experiences dominantly positive emotions. When the person thinks negatively and experiences dominantly negative emotions, his EMF influences the earth in a negative way (the magnetic energy of the earth drops down).

Why this is so became clear to us when the Russian scientist Shkatov patented a 'torsemeter' allowing him to measure the spinning of the human donut-shaped nonlinear EMF (NEMF) [2]. He found that positive emotions make the donut-shaped NEMF spin clockwise. Following the rule of the folded fingers of the right hand, when the folded fingers are in the direction of NEMF's spinning (clockwise), the vertical thumb shows the direction of the induced magnetic field, or energy flow (downward or inward the NEMF).

Here is our explanation to it - when an individual experiences positive emotion, the magnetic energy of his NEMF increases and this increases the magnetic energy of the earth under him. Our measurements of NEMF showed (Fig. 1) that not only positive emotions, just positive thinking increases the energy of our NEMF and makes it better balanced (Fig. 1, blue curves).

We also proved in [2] that both electric and magnetic measurements show simultaneously energy increase. The energy increase of the geomagnetic point at positive thinking comes from NEMF sucking energy from the atmosphere when spinning clockwise, transforming it into magnetic energy through the spinning and delivering it to the earth [3].

However, Shkatov [3] found that at negative emotions the human donut-shaped NEMF spins counterclockwise. Following the rule of the folded fingers of the right hand, when the forded fingers are in the direction of spinning (counterclockwise), the vertical

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thumb shows the direction of the induced magnetic field or energy flow (upward). This means that at negative emotions or just negative thinking, the human donut-shaped NEMF spins counterclockwise and loses energy and this decreases the magnetic energy of the earth under him.

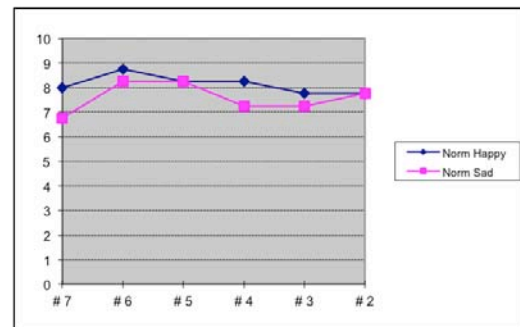
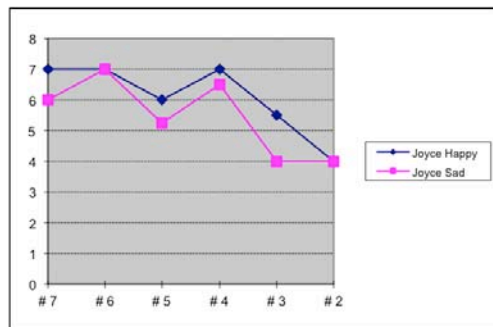
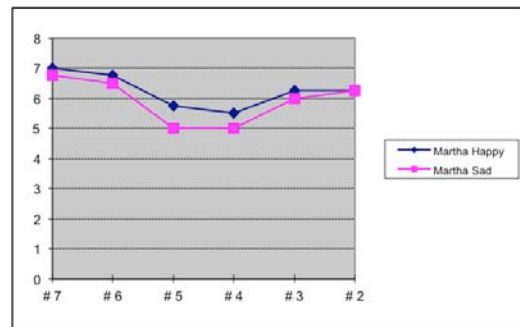
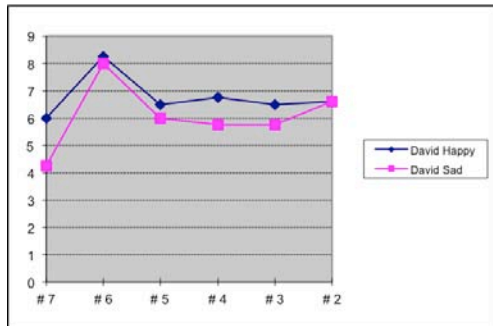
II. OUR MEASUREMENTS OF THE DETRIMENTAL EFFECT OF NEGATIVE THINKING ON THE HUMAN HEALTH AND WELLBEING

Our measurements of NEMF showed (Fig. 1) that not only negative emotions, just negative thinking decreases the energy of the human NEMF and makes it worse balanced (Fig. 1, pink curves). We also proved [2] that both electric and magnetic measurements show simultaneously energy decrease. At negative thinking, the counterclockwise spinning NEMF loses energy to

the atmosphere and to compensate sucks energy from the earth.

In other words, the energy-decrease of the human NEMF of negative thinkers have made them suck magnetism from the earth under them to compensate for the lost energy to the atmosphere. The strongest negative emotion is fear. The Russian scientists write that if 500 million people were frightened, the gradient of the dropping magnetic field of the earth would be so strong that it would be felt as a magnetic storm [4].

If civilized extraterrestrials approach the earth on a space ship, they would know from the reduced magnetic field of the earth that there is a lot of negativity on earth, and they would consider it unsafe to land. However, there is a hope. The year 2012 marked the end of the dark Era of Ignorance (Fish) and the beginning of a New Era (Aquarium) of Wisdom, Knowledge and Spiritual uplift.



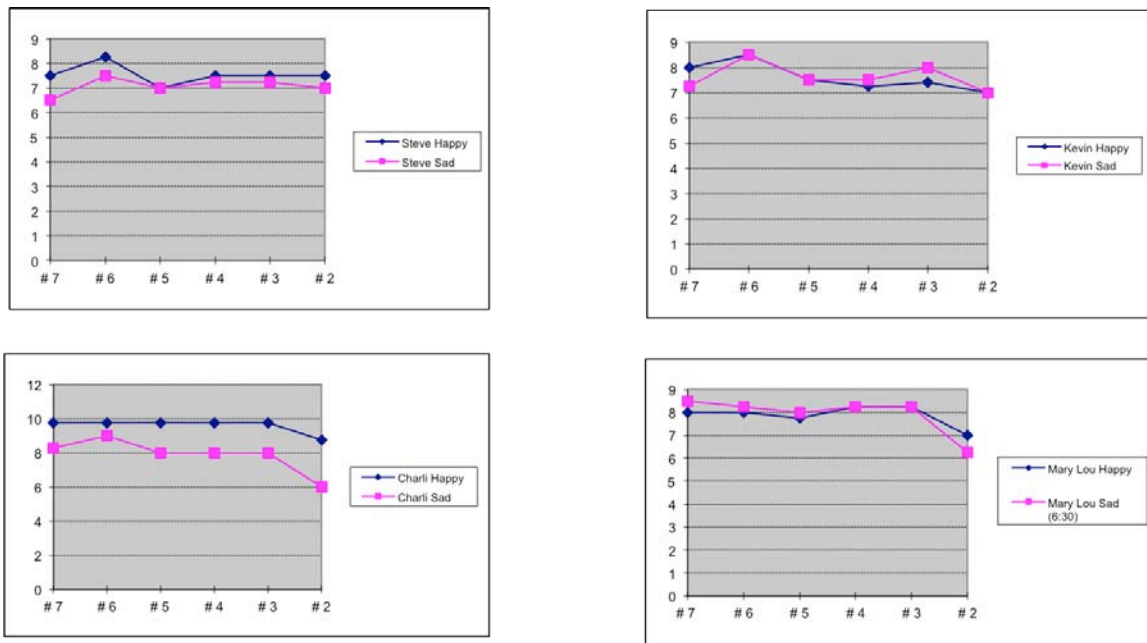


Fig. 1: The energy of the human NEMF at positive thinking (blue curves) and negative thinking (pink curves)

As we can see on Fig. 1 [5], our measurements show that negative thinking (pink curves) has detrimental effect on the health of the negatively thinking individual. The total energy of NEMF is much lower at negative thinking and it is more unbalanced. Straight horizontal line is a perfect health. Obviously, negative thinking takes the individual farther from health and closer to a disease [5].

There is a lot of negativity on earth because our 'civilization' does not teach the wisdom of avoiding negative emotions and negative thinking. Negative thinking is detrimental not only to the earth, but also to the health of the negatively thinking individual (Fig. 1). Negative thinkers have also detrimental influence on the health of the people around them because they suck some of their energy out (see section 4).

Negative thinking is distress (negative stress). In the way stress cracks a material at the weakest place, negative thinking being distress cracks the weakest place of the body – the genetically inherited weak organ. Our measurements (Fig. 1) show that at negative thinking the energy of the genetically inherited weak organ drops in energy maximum [5]. This means that each negative thought takes us a step farther to a chronic disease of the genetically inherited weak organ.

For David and Norm, the genetically inherited weak organ is the heart - their parents died of heart attack. For Joyce, the genetically inherited weak organ is the stomach. For Martha, the genetically inherited weak organ is the thyroid gland. Considering this, we should do our best to avoid negative thoughts (and of course negative emotions) [5].

Biochemical studies of stress (negative emotions or just negative thinking are stress for the body) showed that we need 3 to 4 positive emotions to

compensate for the harm of one negative emotion [6]. This fact should farther convince us that we should do our best to avoid negative emotions and negative thinking because of their detrimental effect on our health and the health of the people around us.

III. THE DETRIMENTAL EFFECT OF NEGATIVE THINKING ON THE GENETICALLY INHERITED WEAK ORGAN COULD BE USED TO PREDICT ONCOMING DISEASE

The pink curves of Fig. 1 [5] show that the genetically inherited weak organ collapses first at negative thinking. Hans Selye, called the Father of Stress (who spent 40 years of his life studying stress), stated that the same distress (negative stress) causes different diseases in different individuals because under stress the genetically inherited weak organ, which is different for different individuals, collapses first.

Therefore, negative thinking is a psychological distress, which leads to a chronic disease of genetically inherited weak organ, just like any other distress would do. Therefore, we should censor our thoughts and not allow negative thinking because negative thinking leads to a chronic disease of the genetically inherited weak organ.

Knowing that the genetically inherited weak organ collapses first under distress or negative thinking, we should monitor the energy of our NEMF, which rules and regulates the function of all organs in the body, and if we notice deviation from norm in an organ, we could restore the energy balance and prevent the organ's disease by using appropriate acupuncture treatment [7].

We could use acupuncture to prevent the disease by treating with needles the organ before it has

become sick and restore its energy to normal [7]. In ancient China acupuncture was basically used to prevent diseases. Pulse diagnosis was used to detect early deviation from norm. However, the best approach is: to do our best to avoid negative thinking and negative emotions.

IV. DETRIMENTAL EFFECT OF NEGATIVE THINKERS ON OTHER INDIVIDUALS

A negative thinker would influence negatively not only the magnetic field of the earth by sucking

magnetic energy from it through their first chakra (Fig. 2). Negative thinker would influence negatively every other human being by sucking some energy from him. Our measurements showed that negative thinkers suck energy from other people through their third chakra, which is the Solar Plexus Chakra of Energy Communication [8] (Fig. 2). Thus, if you happen to be in the company of a negative thinker, be sure you have screen and protected your Solar Plexus, because if not, some of your energy would be sucked out.

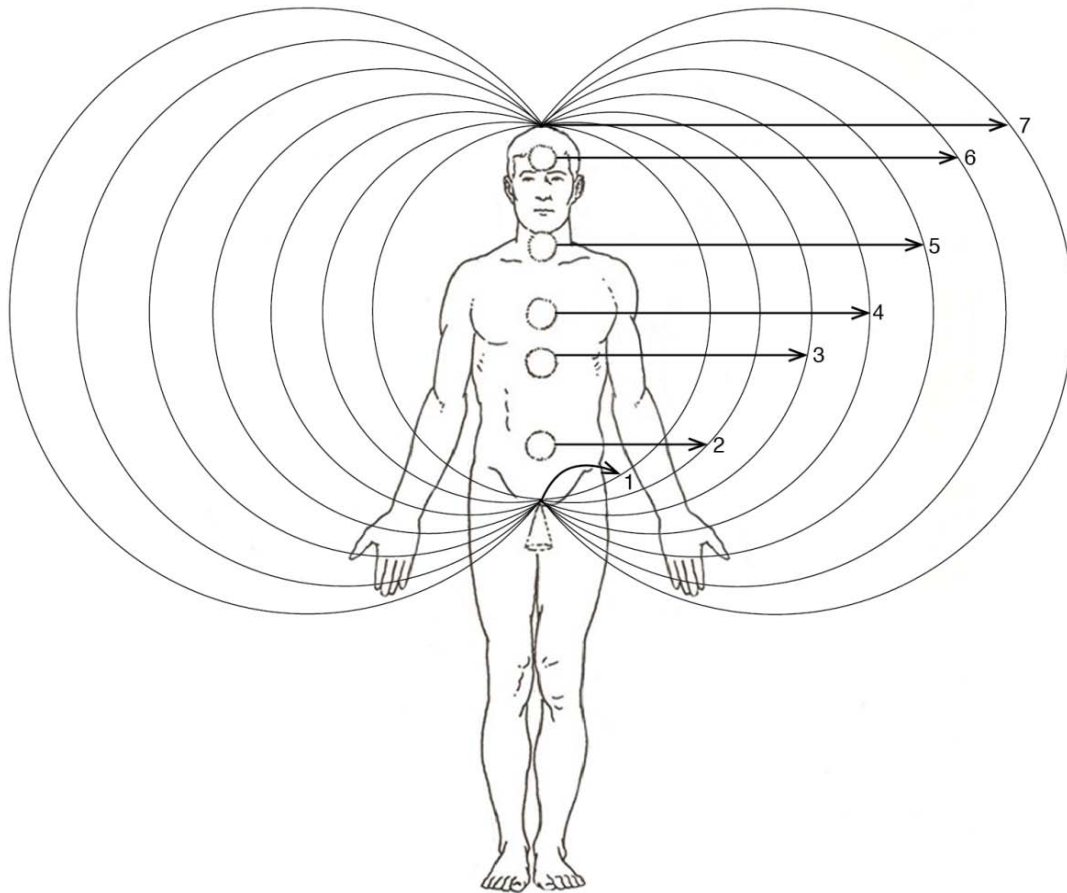


Fig. 2: Along the backbone are the chakras – energy centers spinning alternatively clockwise and counterclockwise and their corresponding quantum energy levels

V. CONCLUSION

The article explained the detrimental effect of the negatively thinking individuals on the magnetic field of the Earth. Based on measurements (Fig. 1), the author explained the detrimental effect of negative thinking: 1/ on the health and wellbeing of the negatively thinking individual; 2/ on other individuals since the negative thinkers are energy suckers (from the earth or other individuals). Considering all this, in the present

pandemic we should not allow negative emotions like fear to paralyze us, neither we should allow negative thinking because this will lower our immune system and make us victims of the virus. Thus, don't be scared of the virus, be prepared to win over it.

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Revealing the Hawaiian Beleive System about Life, Health, and Creation

By Prof. Maria Kuman, PhD

Holistic Research Institute

Abstract- The author reveals in this article the Hawaiian believe system about life, health, and creation and surprisingly finds that the ancient Hawaiian beliefs agree 100% with her recent scientific measurements and findings about how thoughts influence our body. Positive thoughts increase our energy and make it more balanced, which means positive thoughts make us healthier. Negative thoughts decrease our energy and worsen our balance; they make the energy of the genetically inherited weak organ to drop in energy maximum. This means that each negative thought takes us a step closer to the disease of the genetically inherited weak organ. She found that the ancient Hawaiian beliefs are also in full agreement with the writing in her books, about the creation of the Universe, about intuitive creativity, and about how to find your Soul Mate and have harmonious marriage.

Keywords: *hawaiian beliefs; emotions and health; intuitive creativity; finding soul mate; harmonious marriage.*

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Keywords: hawaiian beliefs; emotions and health; intuitive creativity; finding soul mate; harmonious marriage.

I. INTRODUCTION

I recently read a book about Hawaiians' believes [1] and discovered that I have spent the whole my life proving scientifically what the Hawaiians always knew from the very beginning. This includes: 1/ how the Universe was created [1], [2], [4]; 2/ how emotions influence our health [3]; 3/ how intuitive creativity is done [5]; 4/ how to have harmonious marriage [6]; etc.

II. THE CREATION IN THE HAWAIIAN BELIEVE SYSTEM

In the Hawaiian language there is no past, present, and future [1]. You cannot say the Universe was created because the Universe is permanently creating itself. They have a "Song of Creation" and the text of this song contains the word "kum-u-lito". "Kum" means "Spirit" or "Spiritual" (interestingly, in all ancient languages – Hebrew, Aramaic, Sumerian, Sanskrit, and Gallic – "Kum" also means "Spirit" or "Spiritual"); the sound "u" means "matter"; "lito" means "black color" or "Black Hole". Here is the whole act of creation synthesized in one word – the "Spirit" (the so-called Creator God) creates "Black Holes", which give birth of "matter" [1], [2], [4].

Our astronomers recently finally accepted the fact that there is a Black Hole at the center of each galaxy [7]. The next thing for them to acknowledge is

that this Black Hole gives birth of all stars of the galaxy, which by the way explains why each galaxy has a Black Hole in the middle. This is also reflected in the "Song of Creation" singing about how the "darkness" slips into "light" [1], which is nothing else but dark anti-matter giving birth of light matter.

The Hawaiians believe that the Creator (Akyā), who is bright light, created everything from "Aka", which is pale light [1]. "Aka" is the space matrix, of which everything material was and is created. "Aka" is not "Mana" (energy), but is activated by "Mana" (energy). The Hawaiians define the "Akyā" (the Spirit-Creator) as "an entirely formatted idea in action". Therefore, the act of creation of the material world by the Creator-Spirit (Akyā) has informational character.

The way prayer works is informational access of the Subconscious [8], where the Spirit from God resigns, which is a nonlinear electromagnetic field (NEMF). It is the basis of our Quantum Computer, which operates with the waves of our NEMF. Thus, prayer is the subconscious God's power (Mana) in action (there will be another article about the power of prayer).

Every one of us can transform "Aka", just like the Creator-God does, if connected to the Spirit of God in the Subconscious (our NEMF). We could change the structure of materials (like turning water into wine as Jesus did), change the structure of our own body (heal ourselves), or change the structure of somebody's body and heal him. The Hawaiian shamans claim: "the so-called 'paradise' is not a place, but a state of the Spirit" [1].

The Hawaiians believe that crystals and rocks contain "Mana" (energy) and could be used to add "Mana" (energy) to the body to heal it [1]. I have proved with measurements of the human weak nonlinear electromagnetic field (NEMF) that the crystals, which Reiki-healers use, really increase the body energy [2], [9]. If a Hawaiian warrior fills a stick with "Mana" (energy), it will knock down even the strongest warrior. This is the power of "Mana".

III. HAWAIIANS BELIEVED THOUGHTS INFLUENCE OUR BODY

In the Hawaiian believes, "the body is home of the thoughts" [1], which means that our hidden thoughts influence our body. If so, changes in the way of thinking can profoundly influence the body's disturbed health or

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the body's disease. Our measurements of the human nonlinear electromagnetic field (NEMF) (Fig. 1) showed that: positive thinking (like thinking of love, joy, forgiveness, helping others), which makes us happy,

increases the body energy, and improves the energy balance (blue curves). This means that by making us happier positive thinking makes us healthier [3], [8].

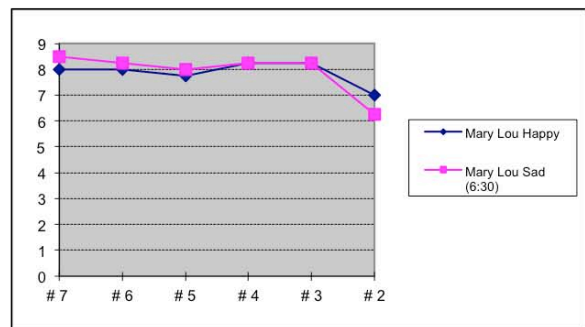
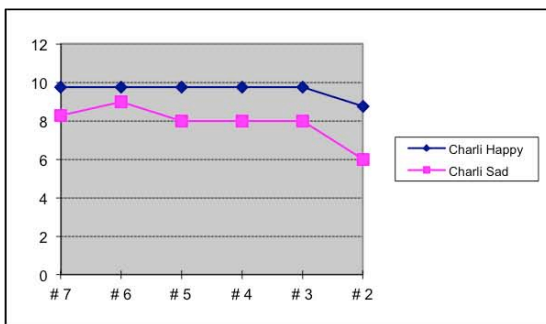
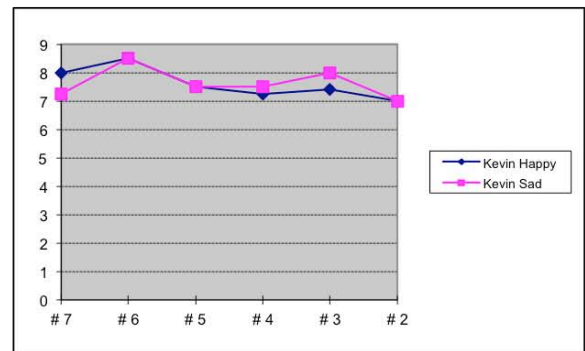
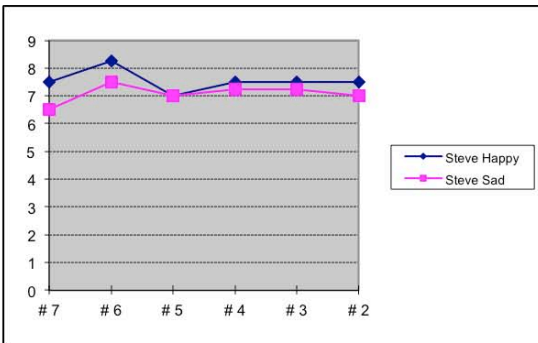
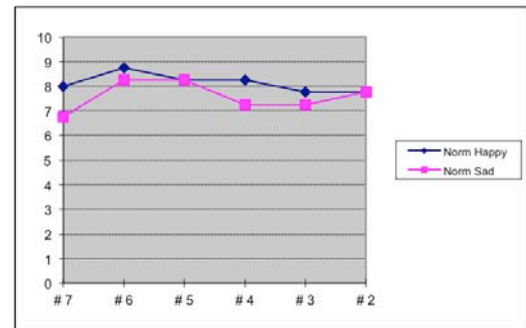
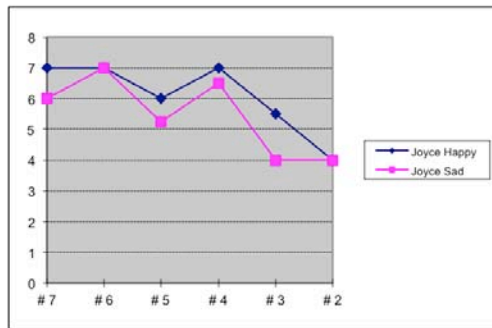
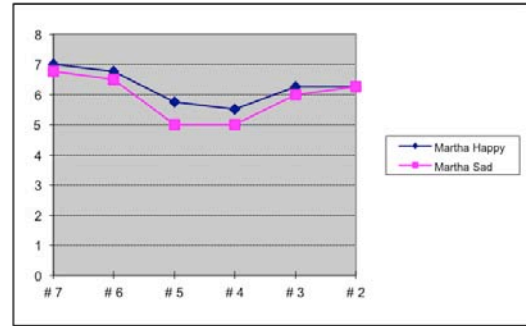
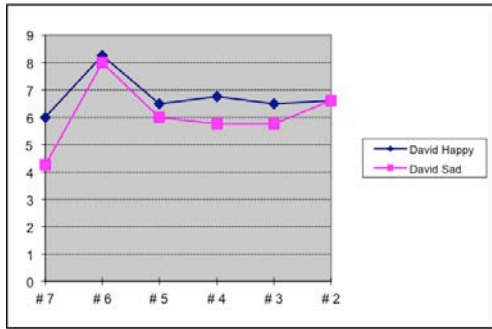


Fig. 1: Energy of the NEMF at positive thinking (blue curves) and negative thinking (pink curves)

Opposite to this, negative thinking (like anger, hatred, fear, jealousy) makes us unhappy (pink curves), decreases the body energy, and worsens the energy balance because the genetically inherited organ drops in energy maximum. This means that each negative

thought takes us a step farther to a chronic disease of the genetically inherited weak organ [3], [9], which for David and Norm is heart, for Joyce – stomach, for Martha – thyroid gland, for Charlie - prostate (pink curves).

Since thoughts are the basis of all our illnesses, the Hawaiian believe system offers family gatherings with discussion, confession, repentance, and forgiveness, which help get rid of the ego [1]. In contrast, our western medicine denies that our emotions influence our health. Instead, we are considered as a bag of chemicals. Nobody thinks that our chemical imbalance is actually neurotransmitters' imbalance caused by dominant negative emotions.

The Hawaiians believe that "our body is a fruit of condensed thought (of the Spirit-Creator) and if so is influenced by thought" [1]. Positive thoughts increase our "Mana" (energy), while negative thoughts decrease our "Mana" (energy), in full agreement with what we have found with our scientific measurements (Fig. 1) [3], [9]. "Mana" is Energy or Force (ruling and changing) or Creative Force that comes from within. So, if you want your creative force to enlarge, you would better think positively. If you want to be able to bend with thoughts forks and spoons, you would better be a positive thinker.

IV. INTUITIVE CREATIVITY IN THE HAWAIIAN BELIEVE SYSTEM

In the Hawaiians believes, intuitive creativity is "a journey of the Conscious to the light" [1]. In our understanding, it is a state, in which the Digital Computer of the Conscious works in synchrony with the Quantum Computer of the Subconscious (the Light Computer) as one whole piece (Super-conscious) at the same level of over-excitation [5], [10], [11]. The way to achieve such synchronized work of the Conscious and the Subconscious is emotional uplift (see our scientific explanation in [11]). The Hawaiians also claim that: "watering with emotions is essential for intuitive creativity" [1].

The Quantum Computer of the Subconscious can be reached informationally (with prayer or affirmation) and through repetitions. The Quantum Computer of the Subconscious, which operates with the waves of our NEMF, called Spirit, is the basis of the long distance communications among people (called telepathy) and the long distance communications among animals. Monkey on one island were thought to wash their sweet potatoes before eating and soon it was found the monkeys on adjacent island did the same [1].

V. THE SPIRITUAL BASIS OF THE HAWAIIAN HULA DANCE

Also, while westerners see only sex appeal in the Hawaiian Hula dance, the Hula dance is actually a dance for Spiritual uplift, called "Opening to the Light" [1]. The teachers of Hula Dance are called "Kumu" and as said in the beginning "Kum" means "Spirit" or "Spiritual", while "u" means "emanate". The purpose of the singing and dancing the Hula dance is to unite the

separated entities of the dancers and achieve collective Spiritual Unity with the God of Peace and Tranquility [1].

VI. CHOOSING A LIFE PARTNER THE HAWAIIAN WAY

The Hawaiians also believe that the choice of life partner, when two people form a married couple, should not be based only on sex because this would be a choice from the viewpoint of a fish, which knows nothing but water. The choice of life partner should be done as a choice from the viewpoint of a bird, which knows water, earth, and air. This means the choice should take into consideration the Spirit that comes from God, which includes mind-compatibility (or the same way of thinking) and emotional compatibility. In the western world, this is called 'to find your Soul Mate', which is the only way to have harmonious marriage (see my book: Find Your Soul Mate – Secrets of the Soul [6])

VII. CONCLUSION

The article revealed the value of the ancient Hawaiian beliefs. Their picture of the creation of the Universe is right and they see the role of emotions in our life right – negative thinking leads to a disease, while positive thinking leads to health and make you feel happy. Their perceptions about intuitive creativity and harmonious marriage are also surprisingly right.

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GET A REMUNERATION OF 15% OF AUTHOR FEES

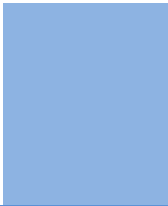
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Acknowledgments

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The following is the official style and template developed for publication of a research paper. Authors are not required to follow this style during the submission of the paper. It is just for reference purposes.



Manuscript Style Instruction (Optional)

- Microsoft Word Document Setting Instructions.
- Font type of all text should be Swis721 Lt BT.
- Page size: 8.27" x 11", left margin: 0.65, right margin: 0.65, bottom margin: 0.75.
- Paper title should be in one column of font size 24.
- Author name in font size of 11 in one column.
- Abstract: font size 9 with the word "Abstract" in bold italics.
- Main text: font size 10 with two justified columns.
- Two columns with equal column width of 3.38 and spacing of 0.2.
- First character must be three lines drop-capped.
- The paragraph before spacing of 1 pt and after of 0 pt.
- Line spacing of 1 pt.
- Large images must be in one column.
- The names of first main headings (Heading 1) must be in Roman font, capital letters, and font size of 10.
- The names of second main headings (Heading 2) must not include numbers and must be in italics with a font size of 10.

Structure and Format of Manuscript

The recommended size of an original research paper is under 15,000 words and review papers under 7,000 words. Research articles should be less than 10,000 words. Research papers are usually longer than review papers. Review papers are reports of significant research (typically less than 7,000 words, including tables, figures, and references)

A research paper must include:

- a) A title which should be relevant to the theme of the paper.
- b) A summary, known as an abstract (less than 150 words), containing the major results and conclusions.
- c) Up to 10 keywords that precisely identify the paper's subject, purpose, and focus.
- d) An introduction, giving fundamental background objectives.
- e) Resources and techniques with sufficient complete experimental details (wherever possible by reference) to permit repetition, sources of information must be given, and numerical methods must be specified by reference.
- f) Results which should be presented concisely by well-designed tables and figures.
- g) Suitable statistical data should also be given.
- h) All data must have been gathered with attention to numerical detail in the planning stage.

Design has been recognized to be essential to experiments for a considerable time, and the editor has decided that any paper that appears not to have adequate numerical treatments of the data will be returned unrefereed.

- i) Discussion should cover implications and consequences and not just recapitulate the results; conclusions should also be summarized.
- j) There should be brief acknowledgments.
- k) There ought to be references in the conventional format. Global Journals recommends APA format.

Authors should carefully consider the preparation of papers to ensure that they communicate effectively. Papers are much more likely to be accepted if they are carefully designed and laid out, contain few or no errors, are summarizing, and follow instructions. They will also be published with much fewer delays than those that require much technical and editorial correction.

The Editorial Board reserves the right to make literary corrections and suggestions to improve brevity.



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It is necessary that authors take care in submitting a manuscript that is written in simple language and adheres to published guidelines.

All manuscripts submitted to Global Journals should include:

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The title page must carry an informative title that reflects the content, a running title (less than 45 characters together with spaces), names of the authors and co-authors, and the place(s) where the work was carried out.

Author details

The full postal address of any related author(s) must be specified.

Abstract

The abstract is the foundation of the research paper. It should be clear and concise and must contain the objective of the paper and inferences drawn. It is advised to not include big mathematical equations or complicated jargon.

Many researchers searching for information online will use search engines such as Google, Yahoo or others. By optimizing your paper for search engines, you will amplify the chance of someone finding it. In turn, this will make it more likely to be viewed and cited in further works. Global Journals has compiled these guidelines to facilitate you to maximize the web-friendliness of the most public part of your paper.

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A major lynchpin of research work for the writing of research papers is the keyword search, which one will employ to find both library and internet resources. Up to eleven keywords or very brief phrases have to be given to help data retrieval, mining, and indexing.

One must be persistent and creative in using keywords. An effective keyword search requires a strategy: planning of a list of possible keywords and phrases to try.

Choice of the main keywords is the first tool of writing a research paper. Research paper writing is an art. Keyword search should be as strategic as possible.

One should start brainstorming lists of potential keywords before even beginning searching. Think about the most important concepts related to research work. Ask, "What words would a source have to include to be truly valuable in a research paper?" Then consider synonyms for the important words.

It may take the discovery of only one important paper to steer in the right keyword direction because, in most databases, the keywords under which a research paper is abstracted are listed with the paper.

Numerical Methods

Numerical methods used should be transparent and, where appropriate, supported by references.

Abbreviations

Authors must list all the abbreviations used in the paper at the end of the paper or in a separate table before using them.

Formulas and equations

Authors are advised to submit any mathematical equation using either MathJax, KaTeX, or LaTeX, or in a very high-quality image.

Tables, Figures, and Figure Legends

Tables: Tables should be cautiously designed, uncrowned, and include only essential data. Each must have an Arabic number, e.g., Table 4, a self-explanatory caption, and be on a separate sheet. Authors must submit tables in an editable format and not as images. References to these tables (if any) must be mentioned accurately.



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Figures are supposed to be submitted as separate files. Always include a citation in the text for each figure using Arabic numbers, e.g., Fig. 4. Artwork must be submitted online in vector electronic form or by emailing it.

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Techniques for writing a good quality Science Frontier Research paper:

1. Choosing the topic: In most cases, the topic is selected by the interests of the author, but it can also be suggested by the guides. You can have several topics, and then judge which you are most comfortable with. This may be done by asking several questions of yourself, like "Will I be able to carry out a search in this area? Will I find all necessary resources to accomplish the search? Will I be able to find all information in this field area?" If the answer to this type of question is "yes," then you ought to choose that topic. In most cases, you may have to conduct surveys and visit several places. Also, you might have to do a lot of work to find all the rises and falls of the various data on that subject. Sometimes, detailed information plays a vital role, instead of short information. Evaluators are human: The first thing to remember is that evaluators are also human beings. They are not only meant for rejecting a paper. They are here to evaluate your paper. So present your best aspect.

2. Think like evaluators: If you are in confusion or getting demotivated because your paper may not be accepted by the evaluators, then think, and try to evaluate your paper like an evaluator. Try to understand what an evaluator wants in your research paper, and you will automatically have your answer. Make blueprints of paper: The outline is the plan or framework that will help you to arrange your thoughts. It will make your paper logical. But remember that all points of your outline must be related to the topic you have chosen.

3. Ask your guides: If you are having any difficulty with your research, then do not hesitate to share your difficulty with your guide (if you have one). They will surely help you out and resolve your doubts. If you can't clarify what exactly you require for your work, then ask your supervisor to help you with an alternative. He or she might also provide you with a list of essential readings.

4. Use of computer is recommended: As you are doing research in the field of science frontier then this point is quite obvious. Use right software: Always use good quality software packages. If you are not capable of judging good software, then you can lose the quality of your paper unknowingly. There are various programs available to help you which you can get through the internet.

5. Use the internet for help: An excellent start for your paper is using Google. It is a wondrous search engine, where you can have your doubts resolved. You may also read some answers for the frequent question of how to write your research paper or find a model research paper. You can download books from the internet. If you have all the required books, place importance on reading, selecting, and analyzing the specified information. Then sketch out your research paper. Use big pictures: You may use encyclopedias like Wikipedia to get pictures with the best resolution. At Global Journals, you should strictly follow here.



6. Bookmarks are useful: When you read any book or magazine, you generally use bookmarks, right? It is a good habit which helps to not lose your continuity. You should always use bookmarks while searching on the internet also, which will make your search easier.

7. Revise what you wrote: When you write anything, always read it, summarize it, and then finalize it.

8. Make every effort: Make every effort to mention what you are going to write in your paper. That means always have a good start. Try to mention everything in the introduction—what is the need for a particular research paper. Polish your work with good writing skills and always give an evaluator what he wants. Make backups: When you are going to do any important thing like making a research paper, you should always have backup copies of it either on your computer or on paper. This protects you from losing any portion of your important data.

9. Produce good diagrams of your own: Always try to include good charts or diagrams in your paper to improve quality. Using several unnecessary diagrams will degrade the quality of your paper by creating a hodgepodge. So always try to include diagrams which were made by you to improve the readability of your paper. Use of direct quotes: When you do research relevant to literature, history, or current affairs, then use of quotes becomes essential, but if the study is relevant to science, use of quotes is not preferable.

10. Use proper verb tense: Use proper verb tenses in your paper. Use past tense to present those events that have happened. Use present tense to indicate events that are going on. Use future tense to indicate events that will happen in the future. Use of wrong tenses will confuse the evaluator. Avoid sentences that are incomplete.

11. Pick a good study spot: Always try to pick a spot for your research which is quiet. Not every spot is good for studying.

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13. Use good grammar: Always use good grammar and words that will have a positive impact on the evaluator; use of good vocabulary does not mean using tough words which the evaluator has to find in a dictionary. Do not fragment sentences. Eliminate one-word sentences. Do not ever use a big word when a smaller one would suffice.

Verbs have to be in agreement with their subjects. In a research paper, do not start sentences with conjunctions or finish them with prepositions. When writing formally, it is advisable to never split an infinitive because someone will (wrongly) complain. Avoid clichés like a disease. Always shun irritating alliteration. Use language which is simple and straightforward. Put together a neat summary.

14. Arrangement of information: Each section of the main body should start with an opening sentence, and there should be a changeover at the end of the section. Give only valid and powerful arguments for your topic. You may also maintain your arguments with records.

15. Never start at the last minute: Always allow enough time for research work. Leaving everything to the last minute will degrade your paper and spoil your work.

16. Multitasking in research is not good: Doing several things at the same time is a bad habit in the case of research activity. Research is an area where everything has a particular time slot. Divide your research work into parts, and do a particular part in a particular time slot.

17. Never copy others' work: Never copy others' work and give it your name because if the evaluator has seen it anywhere, you will be in trouble. Take proper rest and food: No matter how many hours you spend on your research activity, if you are not taking care of your health, then all your efforts will have been in vain. For quality research, take proper rest and food.

18. Go to seminars: Attend seminars if the topic is relevant to your research area. Utilize all your resources.

19. Refresh your mind after intervals: Try to give your mind a rest by listening to soft music or sleeping in intervals. This will also improve your memory. Acquire colleagues: Always try to acquire colleagues. No matter how sharp you are, if you acquire colleagues, they can give you ideas which will be helpful to your research.



20. Think technically: Always think technically. If anything happens, search for its reasons, benefits, and demerits. Think and then print: When you go to print your paper, check that tables are not split, headings are not detached from their descriptions, and page sequence is maintained.

21. Adding unnecessary information: Do not add unnecessary information like "I have used MS Excel to draw graphs." Irrelevant and inappropriate material is superfluous. Foreign terminology and phrases are not apropos. One should never take a broad view. Analogy is like feathers on a snake. Use words properly, regardless of how others use them. Remove quotations. Puns are for kids, not grunt readers. Never oversimplify: When adding material to your research paper, never go for oversimplification; this will definitely irritate the evaluator. Be specific. Never use rhythmic redundancies. Contractions shouldn't be used in a research paper. Comparisons are as terrible as clichés. Give up ampersands, abbreviations, and so on. Remove commas that are not necessary. Parenthetical words should be between brackets or commas. Understatement is always the best way to put forward earth-shaking thoughts. Give a detailed literary review.

22. Report concluded results: Use concluded results. From raw data, filter the results, and then conclude your studies based on measurements and observations taken. An appropriate number of decimal places should be used. Parenthetical remarks are prohibited here. Proofread carefully at the final stage. At the end, give an outline to your arguments. Spot perspectives of further study of the subject. Justify your conclusion at the bottom sufficiently, which will probably include examples.

23. Upon conclusion: Once you have concluded your research, the next most important step is to present your findings. Presentation is extremely important as it is the definite medium through which your research is going to be in print for the rest of the crowd. Care should be taken to categorize your thoughts well and present them in a logical and neat manner. A good quality research paper format is essential because it serves to highlight your research paper and bring to light all necessary aspects of your research.

INFORMAL GUIDELINES OF RESEARCH PAPER WRITING

Key points to remember:

- Submit all work in its final form.
- Write your paper in the form which is presented in the guidelines using the template.
- Please note the criteria peer reviewers will use for grading the final paper.

Final points:

One purpose of organizing a research paper is to let people interpret your efforts selectively. The journal requires the following sections, submitted in the order listed, with each section starting on a new page:

The introduction: This will be compiled from reference matter and reflect the design processes or outline of basis that directed you to make a study. As you carry out the process of study, the method and process section will be constructed like that. The results segment will show related statistics in nearly sequential order and direct reviewers to similar intellectual paths throughout the data that you gathered to carry out your study.

The discussion section:

This will provide understanding of the data and projections as to the implications of the results. The use of good quality references throughout the paper will give the effort trustworthiness by representing an alertness to prior workings.

Writing a research paper is not an easy job, no matter how trouble-free the actual research or concept. Practice, excellent preparation, and controlled record-keeping are the only means to make straightforward progression.

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To make a paper clear: Adhere to recommended page limits.



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- Submitting a manuscript with pages out of sequence.
- In every section of your document, use standard writing style, including articles ("a" and "the").
- Keep paying attention to the topic of the paper.
- Use paragraphs to split each significant point (excluding the abstract).
- Align the primary line of each section.
- Present your points in sound order.
- Use present tense to report well-accepted matters.
- Use past tense to describe specific results.
- Do not use familiar wording; don't address the reviewer directly. Don't use slang or superlatives.
- Avoid use of extra pictures—include only those figures essential to presenting results.

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Choose a revealing title. It should be short and include the name(s) and address(es) of all authors. It should not have acronyms or abbreviations or exceed two printed lines.

Abstract: This summary should be two hundred words or less. It should clearly and briefly explain the key findings reported in the manuscript and must have precise statistics. It should not have acronyms or abbreviations. It should be logical in itself. Do not cite references at this point.

An abstract is a brief, distinct paragraph summary of finished work or work in development. In a minute or less, a reviewer can be taught the foundation behind the study, common approaches to the problem, relevant results, and significant conclusions or new questions.

Write your summary when your paper is completed because how can you write the summary of anything which is not yet written? Wealth of terminology is very essential in abstract. Use comprehensive sentences, and do not sacrifice readability for brevity; you can maintain it succinctly by phrasing sentences so that they provide more than a lone rationale. The author can at this moment go straight to shortening the outcome. Sum up the study with the subsequent elements in any summary. Try to limit the initial two items to no more than one line each.

Reason for writing the article—theory, overall issue, purpose.

- Fundamental goal.
- To-the-point depiction of the research.
- Consequences, including definite statistics—if the consequences are quantitative in nature, account for this; results of any numerical analysis should be reported. Significant conclusions or questions that emerge from the research.

Approach:

- Single section and succinct.
- An outline of the job done is always written in past tense.
- Concentrate on shortening results—limit background information to a verdict or two.
- Exact spelling, clarity of sentences and phrases, and appropriate reporting of quantities (proper units, important statistics) are just as significant in an abstract as they are anywhere else.

Introduction:

The introduction should "introduce" the manuscript. The reviewer should be presented with sufficient background information to be capable of comprehending and calculating the purpose of your study without having to refer to other works. The basis for the study should be offered. Give the most important references, but avoid making a comprehensive appraisal of the topic. Describe the problem visibly. If the problem is not acknowledged in a logical, reasonable way, the reviewer will give no attention to your results. Speak in common terms about techniques used to explain the problem, if needed, but do not present any particulars about the protocols here.



The following approach can create a valuable beginning:

- Explain the value (significance) of the study.
- Defend the model—why did you employ this particular system or method? What is its compensation? Remark upon its appropriateness from an abstract point of view as well as pointing out sensible reasons for using it.
- Present a justification. State your particular theory(-ies) or aim(s), and describe the logic that led you to choose them.
- Briefly explain the study's tentative purpose and how it meets the declared objectives.

Approach:

Use past tense except for when referring to recognized facts. After all, the manuscript will be submitted after the entire job is done. Sort out your thoughts; manufacture one key point for every section. If you make the four points listed above, you will need at least four paragraphs. Present surrounding information only when it is necessary to support a situation. The reviewer does not desire to read everything you know about a topic. Shape the theory specifically—do not take a broad view.

As always, give awareness to spelling, simplicity, and correctness of sentences and phrases.

Procedures (methods and materials):

This part is supposed to be the easiest to carve if you have good skills. A soundly written procedures segment allows a capable scientist to replicate your results. Present precise information about your supplies. The suppliers and clarity of reagents can be helpful bits of information. Present methods in sequential order, but linked methodologies can be grouped as a segment. Be concise when relating the protocols. Attempt to give the least amount of information that would permit another capable scientist to replicate your outcome, but be cautious that vital information is integrated. The use of subheadings is suggested and ought to be synchronized with the results section.

When a technique is used that has been well-described in another section, mention the specific item describing the way, but draw the basic principle while stating the situation. The purpose is to show all particular resources and broad procedures so that another person may use some or all of the methods in one more study or referee the scientific value of your work. It is not to be a step-by-step report of the whole thing you did, nor is a methods section a set of orders.

Materials:

Materials may be reported in part of a section or else they may be recognized along with your measures.

Methods:

- Report the method and not the particulars of each process that engaged the same methodology.
- Describe the method entirely.
- To be succinct, present methods under headings dedicated to specific dealings or groups of measures.
- Simplify—detail how procedures were completed, not how they were performed on a particular day.
- If well-known procedures were used, account for the procedure by name, possibly with a reference, and that's all.

Approach:

It is embarrassing to use vigorous voice when documenting methods without using first person, which would focus the reviewer's interest on the researcher rather than the job. As a result, when writing up the methods, most authors use third person passive voice.

Use standard style in this and every other part of the paper—avoid familiar lists, and use full sentences.

What to keep away from:

- Resources and methods are not a set of information.
- Skip all descriptive information and surroundings—save it for the argument.
- Leave out information that is immaterial to a third party.



Results:

The principle of a results segment is to present and demonstrate your conclusion. Create this part as entirely objective details of the outcome, and save all understanding for the discussion.

The page length of this segment is set by the sum and types of data to be reported. Use statistics and tables, if suitable, to present consequences most efficiently.

You must clearly differentiate material which would usually be incorporated in a study editorial from any unprocessed data or additional appendix matter that would not be available. In fact, such matters should not be submitted at all except if requested by the instructor.

Content:

- Sum up your conclusions in text and demonstrate them, if suitable, with figures and tables.
- In the manuscript, explain each of your consequences, and point the reader to remarks that are most appropriate.
- Present a background, such as by describing the question that was addressed by creation of an exacting study.
- Explain results of control experiments and give remarks that are not accessible in a prescribed figure or table, if appropriate.
- Examine your data, then prepare the analyzed (transformed) data in the form of a figure (graph), table, or manuscript.

What to stay away from:

- Do not discuss or infer your outcome, report surrounding information, or try to explain anything.
- Do not include raw data or intermediate calculations in a research manuscript.
- Do not present similar data more than once.
- A manuscript should complement any figures or tables, not duplicate information.
- Never confuse figures with tables—there is a difference.

Approach:

As always, use past tense when you submit your results, and put the whole thing in a reasonable order.

Put figures and tables, appropriately numbered, in order at the end of the report.

If you desire, you may place your figures and tables properly within the text of your results section.

Figures and tables:

If you put figures and tables at the end of some details, make certain that they are visibly distinguished from any attached appendix materials, such as raw facts. Whatever the position, each table must be titled, numbered one after the other, and include a heading. All figures and tables must be divided from the text.

Discussion:

The discussion is expected to be the trickiest segment to write. A lot of papers submitted to the journal are discarded based on problems with the discussion. There is no rule for how long an argument should be.

Position your understanding of the outcome visibly to lead the reviewer through your conclusions, and then finish the paper with a summing up of the implications of the study. The purpose here is to offer an understanding of your results and support all of your conclusions, using facts from your research and generally accepted information, if suitable. The implication of results should be fully described.

Infer your data in the conversation in suitable depth. This means that when you clarify an observable fact, you must explain mechanisms that may account for the observation. If your results vary from your prospect, make clear why that may have happened. If your results agree, then explain the theory that the proof supported. It is never suitable to just state that the data approved the prospect, and let it drop at that. Make a decision as to whether each premise is supported or discarded or if you cannot make a conclusion with assurance. Do not just dismiss a study or part of a study as "uncertain."



Research papers are not acknowledged if the work is imperfect. Draw what conclusions you can based upon the results that you have, and take care of the study as a finished work.

- You may propose future guidelines, such as how an experiment might be personalized to accomplish a new idea.
- Give details of all of your remarks as much as possible, focusing on mechanisms.
- Make a decision as to whether the tentative design sufficiently addressed the theory and whether or not it was correctly restricted. Try to present substitute explanations if they are sensible alternatives.
- One piece of research will not counter an overall question, so maintain the large picture in mind. Where do you go next? The best studies unlock new avenues of study. What questions remain?
- Recommendations for detailed papers will offer supplementary suggestions.

Approach:

When you refer to information, differentiate data generated by your own studies from other available information. Present work done by specific persons (including you) in past tense.

Describe generally acknowledged facts and main beliefs in present tense.

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	A-B	C-D	E-F
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<i>Introduction</i>	Containing all background details with clear goal and appropriate details, flow specification, no grammar and spelling mistake, well organized sentence and paragraph, reference cited	Unclear and confusing data, appropriate format, grammar and spelling errors with unorganized matter	Out of place depth and content, hazy format
<i>Methods and Procedures</i>	Clear and to the point with well arranged paragraph, precision and accuracy of facts and figures, well organized subheads	Difficult to comprehend with embarrassed text, too much explanation but completed	Incorrect and unorganized structure with hazy meaning
<i>Result</i>	Well organized, Clear and specific, Correct units with precision, correct data, well structuring of paragraph, no grammar and spelling mistake	Complete and embarrassed text, difficult to comprehend	Irregular format with wrong facts and figures
<i>Discussion</i>	Well organized, meaningful specification, sound conclusion, logical and concise explanation, highly structured paragraph reference cited	Wordy, unclear conclusion, spurious	Conclusion is not cited, unorganized, difficult to comprehend
<i>References</i>	Complete and correct format, well organized	Beside the point, Incomplete	Wrong format and structuring



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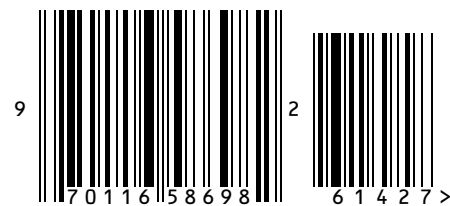
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