

Review Article

## A Sketch of Consciousness Space beyond Freudian Mental Model and Implications to Socio-Economic Modeling and Integrative Cancer Therapy

Victor C<sup>\*1</sup> and Florentin S<sup>2</sup>

<sup>1</sup>Malang Institute of Agriculture (IPM), Indonesia

<sup>2</sup>Department of Mathematics & Sciences, University of New Mexico, Gallup, USA

### Abstract

In this paper, we give an outline of an ongoing study to go beyond Freudian mental archetypal model. First, we discuss the essence of numerous problems that we suffer in our sophisticated and modernized society. Then we discuss possibility to reintroduce spirit into human consciousness. While we are aware that much remains to be done and we admit that this is only a sketch, we hope that this paper will start a fresh approach of research towards more realistic nonlinear consciousness model with wide ranging implications to socio-economic modeling and also integrative cancer therapy. At the last section we also shortly outline plausible method to vindicate our proposed boson-fermions model of human society in a physical experiment.

### Introduction

One of our long-time friend and best colleague recently published a new book, with title: Neutropsychoic personality. [1] In this book, FS described possible extension of Freudian mental model: id-ego-superego, using his Neutrosophic Logic theory. He goes on to develop implications of this approach. Later on, we thought that it would be necessary to push the boundary one step further, by considering a more realistic way to go beyond that classic Freudian mental model, i.e. by reintroducing the spirit into human consciousness model. We are aware that many researchers have proposed such an extension, especially Italian tradition which was continually developed by students of Carl Jung, such as Assagioli and Pierre Ferric, namely the Psycho synthesis movement. See for example [3]. But here we offer a different starting point of mental model, based on Matthew 22, i.e. The Great Commandments. As far as we know, i.e. this is the simplest model of human consciousness, yet it is profoundly inspired by the Bible. This author adopts a rather relaxed approach to present his ideas, with the hope to stimulate both sides of your brain, in order

you can realize on how we as human society badly need thoroughly review the present healthcare especially to socio-psychiatry and also to cancer therapy.

### Problem with this modern society

Our modernized and highly sophisticated society brings numerous advantages over our ancestors, but it is not without consequences. To summarize, we are running anywhere but we find less and less happiness, as it has been pointed long time ago by Albert Einstein. As per records in Caltech, he once spoke: [1] "Why does this magnificent applied science, which saves work and makes life easier, bring us so little happiness? The simple answer is because we have not yet learned to make sensible use of it. In war, it serves that we may poison and mutilate each other. In peace, it has made our lives hurried and uncertain instead of freeing us in great measure from spiritually exhausting labor. It has made men into the slaves of machinery, who for the most part complete their monotonous long days' work with disgust, and must continually tremble for their poor rations. You will be thinking that the old man sings an ugly song. I do it, however, with a good purpose, in order to point out a consequence. It is not

**\*Corresponding Author:** Victor Christianto, Malang Institute of Agriculture (IPM), Indonesia, E-mail: victorchristianto@gmail.com

**Sub Date:** December 3<sup>rd</sup> 2018 **Acc Date:** December 15<sup>th</sup> 2018, **Pub Date:** December 17<sup>th</sup> 2018

**Citation:** Victor C, Florentin S (2018) A Sketch of Consciousness Space beyond Freudian Mental Model and Implications to Socio-Economic Modeling and Integrative Cancer Therapy. BAOJ Cancer Res Ther 4: 059.

**Copyright:** © 2018 Victor C. This is an open access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

---

---

enough that you should understand about applied science in order that you may increase man's blessings. Concern for man himself and his fate always forms the chief interest of all technical endeavors. Concern for the great unsolved problems of the organization of labor, for the distribution of goods, in order that the creations of our minds shall be a blessing and not a curse. Never forget this in the midst of your diagrams and equations." (Italic emphasizes by these authors) Although that speech was translated from German, but the essence remain relevant even for our today's life as scientists, as Harry Gray once remarked: "That was Albert Einstein on February 16, 1931, to the Caltech student body, translated by somebody and slightly retranslated by me. -- Obviously, what he said over 40 years ago has relevance to our situation today" [1]. Moreover, we are constantly under pressure in every direction of our life. Perhaps the best sociologist and observer of this heavy burden of life is Queen, a British super group from 70-90s era:

## Under Pressure

Queen, David Mm ba ba de

Um bum ba de

Um bu bu bum da de

Pressure pushing down on me

Pressing down on you no man ask for

Under pressure that brings a building down

Splits a family in two

Puts people on streets

Um ba ba be

Um ba ba be

De day da

Ee day da - that's okay

It's the terror of knowing

What the world is about

Watching some good friends

Screaming 'Let me out'

Pray tomorrow gets me higher

Pressure on people people on streets

Day day de mm hm

Da da da ba ba

Okay

Chippin' around - kick my brains around the floor

These are the days it never rains but it pours

Ee do ba be

Ee da ba ba ba

Um bo bo

Be lap

People on streets - ee da de da de

People on streets - ee da de da de da de da

It's the terror of knowing

What this world is about

Watching some good friends

Screaming 'Let me out'

Pray tomorrow - gets me higher high

Pressure on people on streets

Turned away from it all like a blind man

Sat on a fence but it don't work

Keep coming up with love but it's so slashed and torn Why - why - why?

Love love love love love

Insanity laughs under pressure we're breaking  
 Can't we give ourselves one more chance  
 Why can't we give love that one more chance  
 Why can't we give love give love give love give love  
 Give love give love give love give love give love  
 'Cause love's such an old fashioned word  
 And love dares you to care for  
 The people on the (People on streets) edge of the night  
 And loves (People on streets) dares you to change our way of  
 Caring about ourselves  
 This is our last dance  
 This is our last dance  
 This is ourselves  
 Under pressure  
 Under pressure  
 Pressure

Now the question is: how can we find out the root cause of this problem of modern society? Allow us to recall what Adam Grant emphasizes: the basic human motives are selfishness and altruism.

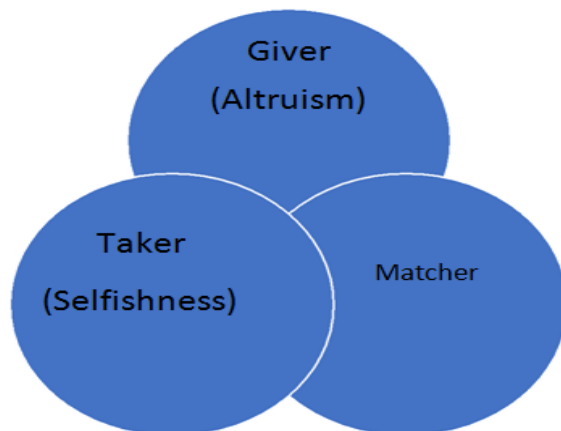


Figure 1: Adam Grant's model of human basic traits

And also we can recall from Genesis 3 that the first fall of our ancestors came from greediness. Now, do you realize: "How far we have fallen in this modern society, where greed has been hailed as highest virtue?" Quoting Grekko's remark: Greed is good. "The point is, ladies and gentleman, that greed, for lack of a better word, is good. Greed is right, greed works. Greed clarifies, cuts through, and captures the essence of the evolutionary spirit. Greed, in all of its forms; greed for life, for money, for love, knowledge has marked the upward surge of mankind."<sup>2</sup> We consider this is the true core of our modern reality; all of us have been consumed and drowning in the ocean of greediness. The real irony is that greediness has eaten us alive, from our childhood until we die. Even if we once die, there are those greed developers who sell a piece of cemetery with high price. They capitalize our bodies, our eyes, our jealousy, our heart, our mind, our consciousness. Literally speaking, we are more or less as walking zombies. We are getting improved at the outside, but we are no more than rotten tomatoes deep inside. At this point, some may ask: How can we repair such a deep problem of our modern society?

### Outline of Reasoning: Toward Pneumatological View of Psychology

We all know that Hebrew's thought on human being is integral, i.e. the whole of body-mind-spirit. But how can we come up with a model of human consciousness based on the Bible? As a starting point, we choose to begin with Jesus's sayings, instead of using other trivial sources. Let us begin by the Greatest Commandment Matthew 22:37-40 King James Version (KJV) Jesus said unto him, Thou shalt love the Lord thy God with all thy heart, and with all thy soul, and with thy entire mind. This is the first and great commandment. And the second is like unto it, Thou shalt love thy neighbor as thyself. On these two commandments hang all the law and the prophets. Our re-reading of the above commandments lead us to model a Trinitarian dialogue within human self: God, self, and others.<sup>3</sup>

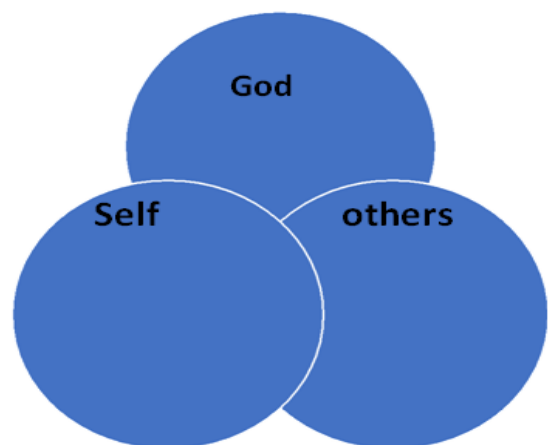


Figure 2: Three directions of human love based on The Greatest Commandments in Matthew 22:37-40

Comparing with Adam Grant's give and take model of human basic tensions inside our mind. Let us consider parallels, i.e. "taking" reflects selfishness/greediness motive of ego, and "giving" reflects altruism motive of conscience. In other word, now we have two entities in human consciousness: ego and Conscience. There is always deep tension between ego and conscience, between selfishness and altruism. Along these two poles, we need a third entity which has purpose to ease and being intermediary between these two motives. In this problem, along with Neutrosophic Logic, allow us to submit wholeheartedly that the third entity is actually no other than "the spirit." (Pneuma in Greek, ruach in Hebrew)

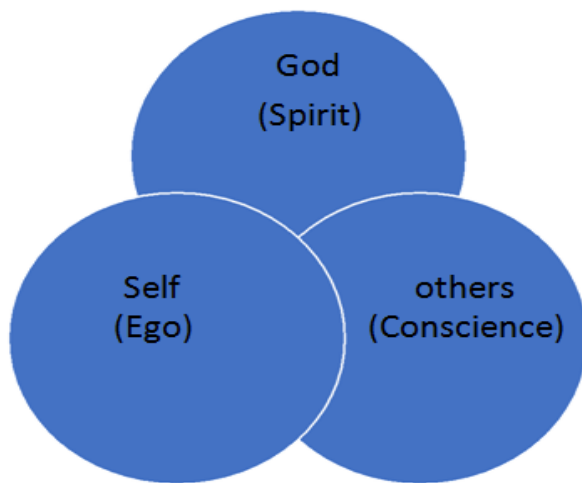


Figure 3: A model of human consciousness based on The Greatest Commandments in Matthew 22:37-40.4

The exact role of human spirit is to enlighten both ego and conscience. While some may raise question of what is new here? It seems similar with id-ego-superego model. No, it is really in contrast with Freud's model which is urely materialistic in origin. The notion of spirit is rejected in Freud model that is why mankind reduces to animals in his model, determined by his/her sexual instinct. And there is no way out of such animal instinct in his model. Sometimes it is called transpersonal psychology: "Transpersonal psychology is a sub-field or "school" of psychology that integrates the spiritual and transcendent aspects of the human experience with the framework of modern psychology. It is also possible to define it as a "spiritual psychology". An interesting argument spiritual psychology has been discussed in Santa Monica site: "If you look up the word "psyche" in the dictionary, you will find "breath, principle of life, Soul." But if you look up "psychology," you will find "the science of mind and behavior." Somehow, in the translation from essence to practice, the most important aspect of "psyche" has been lost. At the University of Santa Monica, we recognize our task as reintegrating the spiritual dimension back into the essence of an authentic psychological inquiry. It is this reintegration that evokes the emergence of a Spiritual Psychology. Spiritual Psychology is the study and practice of the art and science of Conscious Awakening.

To engage in this genre, we must begin by distinguishing the essence of human evolution—what does it mean to evolve? In short, it means learning how to identify, recognize, and navigate successfully within the Context of Spiritual Reality. Practically, it means learning how to surrender—or let go of—anything that disturbs one's peace. It also means sacrificing our illusions of separation. Essentially, this "surrendering" and "sacrificing" is work that can and has been called "healing," which includes healing on the physical, mental, and emotional levels in service to the deeper revelation of who we truly are as Loving, Peaceful, Compassionate, and Joyful beings. We refer to this level of awareness as the Authentic Self." Of course, there are various approaches of spiritual psychology. But, what is really different in our simpler model?

### Two Possible Implications: A) In Socio-Economic Model

In this time we would only discuss the economics implications, based on modeling human identities into two opposites: (a) individualism (we call them: fermions), and (b) collectivism (we call them: bosons). In a recent paper, we discuss how to solve Mancur Olson's collective action problem [2]. Now, some of you may ask: by suggesting solution to Olson's collective action problem to save our humanity, where is the article heading? Are we advocating collective society as in old day Marxism hammer? Or are we advocating how to escape from the curse of capitalism's social darwinism?[5] Yes, normally you read numerous political-economics jargons, e.g. leftist, right wing, centrist left or centrist right and so on. But it is not our intention to submit another ideological parlance. In fact, these authors are scientist and mathematician, so we are not so inclined to any parlance. In our opinion, our tendency to cooperate or compete is partly influenced by the culture that we inherit from our ancestors. One of us (VC) once lived for a while in Russia, and he found that many people there are rather cold and distant (of course not all of them, some are friendly). He learned that such a trait is quite common in many countries in Europe. They tend to be individual and keep a distant to each other. In physics term, they are like fermions [6]. See for example Richard Hofstadter: Social Darwinism in American thought. URL: [http://culturism.us/booksummaries/ Social Darwinism Hofst. Pdf](http://culturism.us/booksummaries/Social%20Darwinism%20Hofst.Pdf) While our proposed simplifying analogy of human behavior, i.e. individualism and collectivism sound not so common. Indeed such cultural psychology research has been reported since Harry C. Triandis et al. See for example: (a) The Self and Social Behavior in Differing Cultural Contexts, Psychological Review, vol. 96 no. 3; (b) Harry C. Triandis and Eunkook M. Suh, CULTURAL INFLUENCES ON PERSONALITY, Annul. Rev. Psychol. 2002. 53:133–60; (c) J. Allik & A. Realo, Individualism-collectivism and social capital, JOURNAL OF CROSS-CULTURAL PSYCHOLOGY, Vol. 35 No. 1, January 2004, 29-49. This last mentioned paper includes a quote from Emile Durkheim: "The question that has been the starting point for our study has been

that of the connection between the individual personality and social solidarity. How does it come about that the individual, whilst becoming more autonomous, depends ever more closely upon society? How can he become at the same time more of an individual and yet more linked to society? There is a developmental psychology hypothesis that suggests that perhaps such a trait correlates to the fact that many children in Europe lack nurtures and human touch from their parents, which make them rather cold and individual. Of course, whether this is true correlation, it should be verified. On the contrary, most people in Asia are gregariously groupie (except perhaps in big metropolitans). They tend to spend much time with family and friends, just like many Italians. They attend religious rituals regularly, and so on. In physics term, they are bosons. Of course, this sweeping generalization may be oversimplifying.[7] Therefore, it seems quite natural to us, why Adam Smith wrote a philosophy book suggesting that individual achievement is a key to national welfare (because he was a British which emphasized individualism) [8]. It took more than hundred years until mathematicians like John F. Nash, Jr. figured it out that individual pursuit toward their own goals will not lead them to achieve a common goal as society [9]. That is why, we choose to work out Mancur Olson's theorem, because he is able to condense the complicated game theoretical reasoning (whether one should cooperate or not) into a matter of collective actions. So, which is better: to be like fermions or bosons? Our opinion is: just like in particle physics, both fermions and bosons are required. In the same way, fermions behavior and boson behavior are both needed to advance the quality of life. Fermion people tend to strive toward human progress, while boson people after writing up this article, we found that Sergey Rashkovskiy also wrote a quite similar theme, albeit with a statistical mechanics in mind. The title of his recent paper is: "Bosons' and 'fermions' in social and economic systems." Here is abstract from his paper: "We analyze social and economic systems with a hierarchical structure and show that for such systems, it is possible to construct thermo statistics, based on the intermediate Gentile statistics. We show that in social and economic hierarchical systems there are elements that obey the Fermi-Dirac statistics and can be called fermions, as well as elements that are approximately subject to Bose-Einstein statistics and can be called bosons. We derive the first and second laws of thermodynamics for the considered economic system and show that such concepts as temperature, pressure and financial potential (which are an analogue of the chemical potential in thermodynamics) that characterize the state of the economic system as a whole can be introduced for economicsystems":<https://arxiv.org/ftp/arxiv/papers/1805/1805.05327.pdf> If only Adam Smith was born in Bangkok or Manila, probably he wrote his book in a different way. Imagine [10] players of a football team go simultaneously to make a goal to their opposite team, will they succeed? Of course no, they should arrange according to their coach's instruction: 1-4-4-2, or other type of arrangement. Are those who make us alive? Just like an old song: Ebony and Ivory...they

make harmony in society [10]. We hope this paper helps us to see that collective actions are what made us a human society [11]. And it seems related to social innovations and also social capital too, in other words a society with social capital and collective actions will ensure its sustainable future[12]. But this is beyond the scope of this article, let us leave such a discussion to economists. So, by introducing this analogy from particle physics theories, we hope to resolve the classic clash between socialism and capitalism, which are no other than a cruel reformulation of the above basic human motives into political struggles, in attempt to put the entire mankind into eternal slavery. Too many decades have been wasted by numerous countries to fight on these ideologies, but the truth is these opposite ideological poles were crafted in order to trap mankind into eternal struggles [13]. It needs to be stopped right now. In Appendix I of this paper, the author gives a reflection on how we should slow down our pace, to become in tune with the speed of love, i.e. the speed of Jesus Christ: 3 mile-an-hour (cf. Kosuke Koyama). While we are fully aware that politically speaking, Marxism and capitalism are irreconcilable, recent studies indicate that there are possible intermediate states between these two, such as The Third way in Tony Blair's era, welfare states in most European countries, various cooperative systems in Scandinavian countries, state-driven capitalism in Vietnam and China, Japan inc. etc. In other words, from Neutrosophic perspective, dialogues between human tensions of individualism and collectivism remain open for future economics theorizing toward a much better and improved quality of life, while at the same time we ought to remove the dialectical clashes a la Huntington's NWO. In our country, there is a specific phrase for some people who work together to achieve a common goal: "gotong royong." Emily Ouma & Awudu Abdulai. Contributions of Social Capital Theory in Predicting Collective Action Behavior among Livestock Keeping Communities in Kenya. URL:[https://ageconsearch.umn.edu/bitstream/49994/2/Manuscript%20No.%20423\\_Social%20capital%20theory%20and%20collective%20action.pdf](https://ageconsearch.umn.edu/bitstream/49994/2/Manuscript%20No.%20423_Social%20capital%20theory%20and%20collective%20action.pdf) some authors wrote that such crafted political struggles only gave monetary advantages to those greedy financial institutions, by selling weapons to both sides of parties. See for instance a very good movie: The International.

## Two Possible Implications: B) Integrative Cancer Therapy

In this time we would only give a rough sketch of our ideas in cancer therapy, based on the aforementioned: Pneumatological approach to psychology. In the light of the fact that proper discussion of theology of medicine is quite rare, this section highlights the fundamental problem with modern (Western) medicine. China has taken a step forward by recognizing their cultural heritage called TCM. Of course it must be acknowledged that modern (Western) medicine has been very advanced, but also many problems such as side effects and also many toxic materials due to synthetic materials. It is also well known

that chemotherapy has a chance to work at a miserable rate of less than 20%, so it is reasonable to argue that the 21st century requires a conceptual, new approach to treatment. A few months ago, a respected senior professor of physics in Indonesia, Prof. Dr. Bambang Hidayat, a member of the Indonesian Academy of Sciences, sent an article to a group of academics. In essence he asked: how our response should be to China's recent policies that want to facilitate the practice of treatment based on TCM (traditional Chinese Medicine) in a balanced way. His concern is certainly understandable, given the current perception of society is that traditional medicine, often referred to as alternative medicine, is usually associated with shamanic practices or strange methods such as turtles, snakes, bruises etc., many of which have not passed any clinical trials. But there are two important things that we should take note of Xi Jinping's new policy on TCM:

a. This policy starts from realizing that the cost of Western medicine is very expensive, mainly due to clinical trials of humans, so it is quite reasonable that the Chinese government wants to give more balanced attention to the Chinese medicine tradition.

b. Traditional Chinese medicine has grown for no less than 4000 years. However, we shall also note that there are some reports that in Asia, liver cancer can be linked to the use of (excessive) herbal medicines. Of course this needs further study [5]. Regarding some people's concerns about the removal of clinical trials, it seems the Chinese government is quite cautious, see the following quote: "Lixing Lao, director of Hong Kong University's School of Chinese Medicine, says that although traditional medicines will no longer need to go through clinical trials, the CFDA will still require remedies to undergo preclinical pharmacological testing and drug-toxicity studies in animals or cells to gain approval." [2] Certainly it can be expected that the new policy will further strengthen the interest of people to develop and produce drugs based on herbs that have been known to be useful for thousands of years, rather than synthetic (artificial) substances that could potentially not be processed and become toxic.) [4] In Indonesia, it is also known a variety of medicinal plants, and there are several apps that provide catalog of such live pharmacies. One of which can be called for example is gendola, which reportedly efficacious for diabetes, cancer, stroke, coronary heart, liver etc. Of course clinical trials are required for this gendola [6].

## The Fundamental Problem of Modern Medicine (Western)

There are several scientific authors who express vividly how fundamental the problem with modern (Western) medicine. The fundamental problem is commonly expressed with a mechanistic worldview as well as a Cartesian dualism philosophy [8-19]. Sheldrake has revealed that the mechanistic view is actually derived from Neo-Platonic philosophy, so it is not based on biblical teaching. A similar

argument was developed by Fritj of Capra in his famous book, *The Turning Point* [15]. In rather similar tone, Christian philosopher Alvin Plantinga has written a paper criticizing materialism [19]. Unfortunately, however, the thinking of scientists from such disciplines often fails in the midst of massive dis-information (and advertising) that modern (Western) medicine has managed to address almost all human health problems. Is that true? Let's take a look at the colonial post-reading of Gen. 2: 7 and some other texts.

## The Post-Colonial Reading of Gen. 2: 7

If we glance at Gen. 2: 7, we see at a glance that man is made up of the dust of the ground (adamah) which is breathed by the breath of life by God (nephesh). Here we can ask, does this text really support the Cartesian dualism view? We do not think so, because the Hebrew concept of man and life is integral. The bottom line: it is not the spirit trapped in the body (Platonic), but the body is flowing in the ocean of spirit. [16] This means that we must think of as an open possibility for developing an integral treatment approach (Ken Wilber), or perhaps more properly called "spirit-filled medicine." Let's look at three more texts:

A. Gen. 1: 2, "The earth is without form and void, darkness over the deep, and the Spirit of God hovering over the waters." Patterns such as Adam's creation can also be encountered in the creation story of the universe. Earth and the oceans already exist (similar to adamah), but still empty and formless. Then the Spirit of God hovered over it, in the original text "ruach" can be interpreted as a strong wind (storm). So we can imagine there is wind/hurricane, then in the storm that God said, and there was the creation of the universe. From a scientific point of view, it is well known in aerodynamics that turbulence can cause sound (turbulence-generated sound). And primordial sound waves are indeed observed by astronomers.

B. Ps. 107: 25, "He said, he raised up a storm that lifted up his waves." The relation between the word (sound) and the storm (turbulence) is interactive. Which one can cause other? That is, God can speak and then storms or the Spirit of God causes a storm. Then came the voice. C. Ezekiel. 37: 7, "Then I prophesy as I am commanded, and as soon as I prophesy, it sounds, indeed, a crackling sound, and the bones meet with one another." In Ezekiel it appears that the story of the creation of Adam is repeated, that the Spirit of God is blowing (storm), then the sound of the dead bones arises. The conclusion of the three verses above seems to be that man is made up of adamah which is animated by the breath or Spirit of God. He is not matter, more accurately referred to as spirit in matter. Like a popular song around 80s goes: "We are spirits in the material world." See also Amos Yong [14]. Therefore, it is inappropriate to develop only materialistic or Cartesian dualism treatment. We can develop a more integral new approach [8]. The integral view of humanity and spirituality, instead of two-tiered

Western view of the world, appears to be more in line with majority of people in under developing countries, especially in Asia and Africa. See for instance the work by Paul Hiebert [21]. Among the studies supporting such an integral approach is the view that cells are waves; see the paper from Prof. Luc Montagnier [20]. And also our paper on the wave nature of matter, as well as the possibility of developing a wave-based (cancer) treatment [23, 24, 14].

## Concluding Remarks

In this paper, we give an outline of an ongoing study to go beyond Freudian consciousness model. First, we review a recent book by our colleague, FS. Neuropsychology. Then we discuss possibility to reintroduce spirit into human our paper on non-particle view of DNA was once presented at the 2016 ICTAP conference in Makassar in 2016 by my long time co-author, Dr. Yunita Umniyati. Consciousness. While we are aware that much remain to be done and we admit that this is only a sketch, we hope that this paper will start a fresh approach of research towards Pneumatological view of psychology in a realistic nonlinear consciousness space view. This short article also highlights the fundamental problem with modern (Western) medicine. China has taken a step forward by recognizing their cultural heritage called TCM. Of course it must be acknowledged that modern (Western) medicine has been very advanced, but also many problems such as side effects and also many toxic materials due to synthetic materials. It is also well known that chemotherapy has a chance to work for less than 20%, so it is reasonable to argue that the 21st century requires a conceptual, new approach to treatment. Message to young readers: We hope this short article may inspire younger generation of physicists and biologists to rethink and renew their approaches to Nature, and perhaps it may also help to generate new theories which will be useful for a better future of mankind.

## Postscript: A Short Note on Plausibility of Experimental Vindication of the Proposed Model

These authors just think of plausible vindication of the proposed intermediate state of fermions-boson, which may be called "ferson". It may have a chance to get into real observation at CERN etc. It may be indeed interesting for particle physicists who wish to continue the service period of CERN expensive facilities after discovery of Higgs particle. As the readers may already know, they tried to extend standard model to super symmetry but it failed to come to detectors. Meanwhile, we just read that there are two possible theories which seem correspond to an intermediate statistics we're looking for: (1) anyone fractional statistics by Franck Wilczek, which we are not sure, (2) G. Gentile's statistics which predict the existence of "intermediate particle" between fermions and boson, but nobody has identified any experiment with such an intermediate particle so far. So, allow us to suggest interested readers to read and examine Giovanni Gentile's

original paper in Nuovo Cimento (1940) [15]. We also plan to write up a short speculative paper on this topic, perhaps with title like: "On possible detection of intermediate state of fermions-boson particle from Klein-Bottle physics." But of course, this topic is to be discussed in other paper.

## Toward Mind-Matter Interaction

Various models have been proposed to suggest possibility of mind-matter interaction, but mostly fall within QM theory. Other experiments seem to suggest that the effect is quite real, albeit many aspects remain mystery. [https://www.luisabonolis.it/Giovanni\\_Gentile\\_Jr\\_files/GentileCronoFoto.pdf](https://www.luisabonolis.it/Giovanni_Gentile_Jr_files/GentileCronoFoto.pdf) Other than Hameroff etc's model, or Semiotic model (Brian Josephson?), we prefer to suggest a simpler model based on the fact observed by Benveniste and also later by Maxim Trushin: [16] there is a kind of antenna or sonic-mediated communication between cells. Therefore, we submit a model of mind-matter interaction by a new term: Pneumatological cymatic mechanism, i.e. by the human voice, soaked in the Holy Spirit, and then it may affect the material/environment. Nonetheless, the exact process of Pneumatological mind-matter interaction remains mystery. (See also our previous papers on theo-cymatic view cosmology, in Part III).

## Acknowledgement

This paper is inspired partly by Prof. Adam Grant's deep and insightful book: Give and Take. VC gratefully appreciates Elizabeth and Sujarwo in Jkt. Thanks so much for spending many years of being trustful friends and being sparring partners in such uneasy intellectual endeavor like this. He is also deeply grateful to his parents for showing the way through their life on how to walk in 3-mile-an-hour speed with God. Special thanks to Prof. Dr. Bambang Hidayat, a member of the Indonesian Academy of Sciences, for sending Nature News article on TCM (Appendix II). VC dedicates this paper to Father in Heaven, Jesus Christ, and Holy Spirit for always guiding him through all valley of darkness. Jesus Christ is the Good Shepherd (Ps. 23).

Version 1.0: 20th July 2018, pk. 19:30

Version 1.1: 5th Aug 2018, pk. 19:45

Version 1.2: 20th Aug 2018, pk. 5:21

Version 1.3: 21th Aug 2018, pk. 11:15

Version 1.4: 21th Aug 2018, pk. 15:37

VC & FS

to evacuate at suitable social circumstances. This is a nerve-muscle action, nor-epinephrine (a neuro-transmitter of alpha-sympathetic nerves) acts on receptors on the plain muscle fibers of the IAS keeping it contracted all the time, and thus the anal canal empty and closed. FI can be due to neurological or muscular failure. The neurological failure can be transient (sympathetic failure) e.g. severe fear or getting drunk; or permanent (damage of CNS) e.g. stroke, MS and DLE. More commonly, the cause of FI is lacerations in the collagen chassis of the IAS which is the result of CBT. The IAS is intimately related to the posterior vaginal wall which is subjected to significant (sometimes rapid) stretching during vaginal delivery, with subsequent invisible lacerations in the collagen chassis of both the posterior vaginal wall and the IAS. The lacerated collagen chassis of both the posterior vaginal wall and the IAS become weaker with decrease of estrogen level, as the vitality of the pelvic tissues are hormone dependent. CBT

## References

1. Florentin S (2018) Neutropsychic personality. A mathematical approach to psychology. Second Ed Belgium: Pons Publ.
2. Christianto V & Florentin S (2018). What we can do to save humanity in the coming era of global eavesdroppers. Paper accepted in RIEECE, to be held in India this month.
3. John F& Ann G (2002) Psycho synthesis: a psychology of the spirit. Albany: STATE UNIVERSITY OF NEW YORK PRESS,
4. University of Santa Monica. URL
5. grekko's speech in The -street-1987-greed-is-good
6. Richard W, Marx, Satan (1986) Published by Crossway Books, a division of Good News Publishers, Westchester, Illinois.
7. Richard H (1955) Social Darwinism in American thought.
8. Harry B. Gray (1975) The Chemistry of Caltech: Caltech's 1975 Commencement Address - or How Commencement Speakers Are Chosen. Engineering and Science
9. Rupert S. The science delusion. EBook version.
10. David Gray. Reuters.
11. David G, Reuters. Url:
12. Lyn TE, Donny Kwok China seeks to unlock secrets of herbs, roots
13. David G, Reuters.
14. Dewo M.(2013) Gendola: obat dewa penakluk aneka penyakit.
15. Yong A. (2011) the Spirit of Creation. Cambridge: Wm. B.Eerdmans Publ.
16. Capra F, The Turning Point.
17. in the vale of soul-making
18. Rupert S. Setting science free from materialism.
19. Alvin Plantings. Against materialism.
20. Montagnier L et al. DNA waves and water  
(20a) Luc Montagnier. DNA between physics and biology
21. Hiebert p (1982) The Flaw of Excluded Middle. Journal of Missiology  
[21a] Paul Hiebert. Transforming World views. Mission Focus, Annual Review,
22. New Evidence for A Non-Particle View of Life
23. Christianto V & Umniyati Y. A non-particle view of DNA and implications to cancer therapy.
24. Christianto V & Umniyati Y. A few comments of Montagnier and Greave's works. DNA Decipher Journal.