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Abstract: In this paper, the mindfulness and wisdom are analyzed and described using the quantum physics basis, which is actually based on the science of nature. The spirit is formed by a soliton pulse, which is a complex function in terms of energy oscillation in time. The spirit energy is divided into two parts called form and an abstract, where the form is formed by the spirit function combining with five aggregates and four elements, while the abstract is formed by the five aggregates presenting the spirit complex conjugate function. In practice, the quantum networks that can be used to reach the mindfulness and wisdom are the Trinity and Four Noble Truths, respectively, which can be theoretically confirmed and described. One of the interesting methods called meditation is described for practitioners.

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Quantum Networks of Wisdom and Mindfulness for Practitioners

Quantum Network of Wisdom

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Abstract

In this paper, the mindfulness and wisdom are analyzed and described using the quantum physics basis, which is actually based on the science of nature. The spirit is formed by a soliton pulse, which is a complex function in terms of energy oscillation in time. The spirit energy is divided into two parts called form and an abstract, where the form is formed by the spirit function combining with five aggregates and four elements, while the abstract is formed by the five aggregates presenting the spirit complex conjugate function. In practice, the quantum networks that can be used to reach the mindfulness and wisdom are the Trinity and Four Noble Truths, respectively, which can be theoretically confirmed and described. One of the interesting methods called meditation is described for practitioners.

Keywords

Quantum Networks; Quantum Mind; Quantum Life; Quantum Brain; Quantum Psychology

Introduction

Mindfulness and wisdom are the two important factors of brain performance improvement, which cannot be yet clearly understood. From which there are many related researches and investigations [1-6], where most of them are in Buddhism related researches. However, there are various indicators shown that the brain performance could be improved [5] by involving the mindfulness and wisdom practices. Till date, there is no clearly detail analyzed and explained in both theory and practice, therefore, the searching of new knowledge that can be used to describe the mindfulness and wisdom is the challenge. In this study, the quantum networks of mindfulness and wisdom are proposed to make the clear description. Firstly, the spirit signal is given in the form of vector function and localized in space after Big bang [7] and formed by the coherent light (photon) within the brain. Secondly, by using the photon networks, i.e. quantum networks, a spirit signal in the form photon is substituted in the standard time dependent Schrodinger equation[8], where there are three related quantum networks used in this proposal, which are five aggregates, Four Noble Truths(FNT)and Trinity network. Finally the well-known networks called mindfulness and wisdom are discussed and explained.

Theoretically, the spirit signals (photons) in Hilbert space are entered into the embryo via parents' foreheads and embedded within a sperm or egg, where life is formed within the embryo and embedded in the oval, from which the spirit signal is oscillated in brain by the two level-atoms called the Rabi oscillation [9]. In other words, the spirit signal is formed by coherent light, which is known as a particle called photon. Since, the spirit function is formed by a complex function representing the spirit signal oscillation in time, which can be described by the Rabi oscillation within the brain, from which the oscillation frequency is v. In this article, the use of spirit signal for quantum networks of mindfulness and wisdom is analyzed and described, which will be useful for practitioners and other interesting person. The most important methods are five aggregates, FNT, eight noble paths (ENP) and

Trinity networks, from which the spirit can be kept within the body on the firm basis, in which the spirit cannot be interfered by the craving. Such a basis called four mindfulness foundations (FMF)[10], which is consisted of form, sensation, consciousness and Dharma, where eventually the mindfulness can be established by practitioners under the FMF consideration, in which the concentration can also be automatically established within the ENP network. The process of FMF establishment known as the Vipassana meditation can lead to reach the nirvana situation incorporating the Trinity network consideration. More details are given in the following sections.

Analysis

Spirit is generated by the suddenly impact during the Big Bang, is in the form of a soliton pulse, oscillated with time and invariant in space. Given $\psi(t)$ is represented the spirit function with of time, then it can be expressed as [11, 12]

$$\psi(t) = \bar{A} \tanh\left[\frac{T}{T_0}\right] exp\left[\left(\frac{z}{2L_D}\right) + i\varphi(t)\right] = Ae^{-i\frac{E}{\hbar}t}; \tag{1}$$

$$\text{Given} \quad A = \bar{A} \tanh\left[\frac{T}{T_0}\right] exp\left(\frac{z}{2L_D}\right) \tag{2}$$

where E= nhv; n = 1,2,3......, and

$$V = \begin{bmatrix} a : White \ spirit \\ 0 : Emptiness \\ -ka : Black \ spirit \end{bmatrix}, where \ t_1 \geq t \leq t_2 \tag{3}$$

The potential function V is the spirit transient energy introduced by the personal passion or craving. The spirit signal is formed by a soliton pulse at the same time with the origin of time [13]. In which A and z is the spirit signal amplitude and circulation distance within the being brain, respectively. T is a spirit pulse traveling time in a frame moving at the group velocity, T= t−β1z, where β1 and β2 are the coefficients of the linear and second-order terms of Taylor expansion of the propagation constant. LD is the dispersion length of the spirit pulse. T0 in an equation is a spirit pulse propagation time at an initial input (or soliton pulse width), where $\varphi(t)$ is the spirit phase shift time, and the frequency shift of the spirit is ω0.

Given $\psi(t)$ and $\psi(t)^*$ are the spirit functions of from and an abstract and represented the spectrum of five aggregates [12], where the complex conjugate one is localized in the Hilbert space, which is in the paradox or hidden variable function. A is the spirit function without craving or passion. $e^{-i\frac{E}{\hbar}t}$ is the craving or passion oscillates with the change in energy(ΔE) or time(Δt), where $\Delta E \Delta t \sim \hbar$, where$\sum_{t_1}^{t_2} < \psi_i | \psi_j^* > = \int_{t_1}^{t_2} \psi_i \cdot \psi_j^* dt$, when $\Delta t \rightarrow 0$, it is obtained $|\psi(t)| = A$, when$\Delta t \rightarrow \infty |\psi(t)| \leq C, which \ is \ the \ bounded \ value$. The derivative $\frac{d\psi(t)}{dt} = 0$ is the maximum projection,where $\frac{d<\psi(t).\psi(t)>}{dt}$ = the merit or sin accumulations within the birth and death cycle, $\psi(t)$. $\psi(t)$ is the projection of self-spirit function of time, which means the self-consciousness. The connection of five aggregates, mindfulness and wisdom networks is the consciousness, which is useful for all meditation practitioners.

Quantum Network Model

There are two quantum networks used in this work to describe the mindfulness and wisdom networks, which are (i) Trinity or craving buffering and (ii) wisdom or craving filtering networks that can be useful for meditation practitioners, which are given by the following details.

In Figure 1 shows the two connected networks, which are five aggregates and wisdom networks. The five aggregates network is received the sensing signals from six sensing probes and exchanged by the consciousness node by mean of the spirit projection, from which all sensing interpretations are connected to the consciousness and gone through the FNT, where the spirit energy is gradually reduced by considering the ENP ring network. From the above analysis, it is shown that the magnitude of the spirit function $|\psi(t)| = A$, when$\Delta t \rightarrow 0, \Delta E \rightarrow \infty$, which means that the high energy level is occurred in this situation, where from the relation $\Delta E \Delta t \sim \hbar$. It is known as the enlightenment, wherethe output wisdom is established, while spirit energy is approached zero eventually.

From which the spirit energy is transferred into the body before the body being dead, thus, the body is shielded by the cold spirit state within the certain time [12], in which the new materials are formed with the body by the cold spirit stream, which becomes the relics in different forms depending on the arhat (Buddhist saint) duration time [14]. The state when the spirit energy is approached zero called the nirvana.
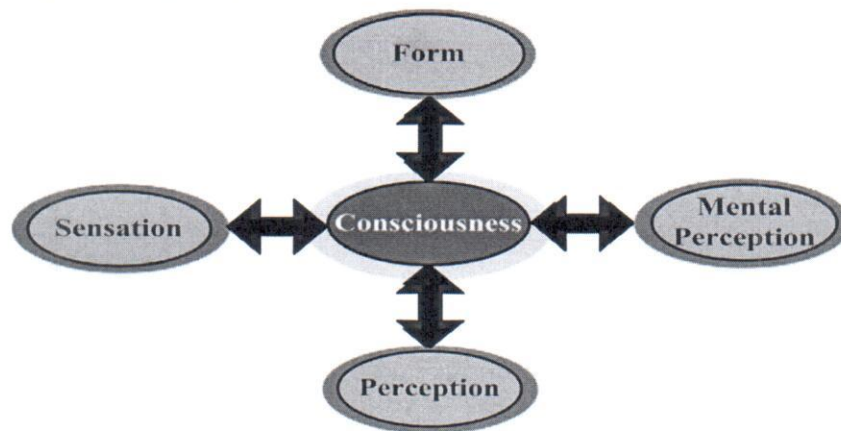
(a) five aggregates network
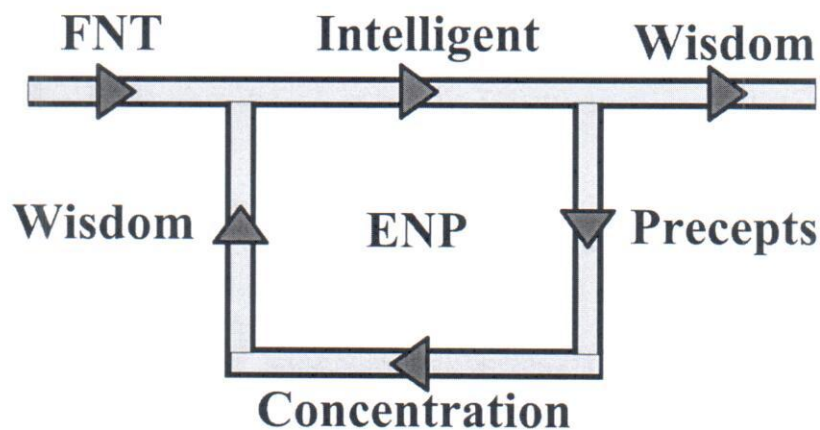
(b) Wisdom network

FIGURE 1:PASSION REDUCTION SYSTEM,WHERE(a)FIVE AGGREGATES NETWORK,WHERE ALL NODES ARE LINKED TO THE CONSCIOUSNESS,(b)WISDOM NETWORK,WHERE FNT:FOUR NOBLE TRUTHS
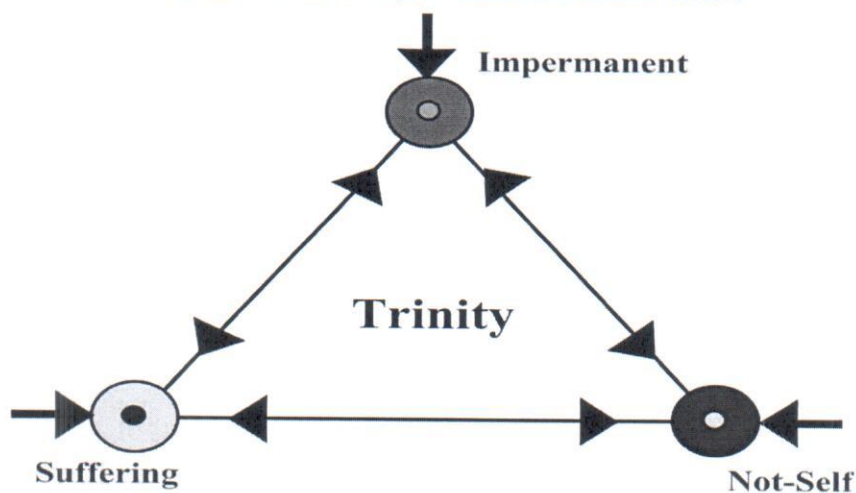
ENP:EIGHT NOBLE PATHS,CONCENTRATION:MEDITATION

FIGURE 2:TRINITY NETWORK IS FORMED BY A RING NETWORK OF IMPERMANENT,SUFFERING(HINDRANCE)AND NOT-SELF NODES.THIS IS THE PASSION BUFFER NETWORK,WHERE FINALLY,THE PASSION IS CNTROLLED TO BE THE BOUNDED VALUE

In Figure 2 and equation (2), where the magnitude of the spirit function is given by $|\psi(t)|$, when $\Delta t \rightarrow \infty$ the spirit function is bounded and given by $|\psi(t)| \leq C$, *which is the bounded value.* From the Trinity network is actually the craving (passion) buffering system, which is consisted of impermanent, suffering and not self, is a quantum network, where the craving is controlled to be the bounded value by oscillating within the bounded value, which is given by equation(1). Generally, the spirit projection is operated in both happiness (white spirit) and sorrow (dark spirit), where the latter sometimes called suffering. We would have lost the state of impermanence, when it lost its status is soulless (not self). That is the spirit projection or the knowledge of the quantum called "self-adjoint operator", which is the Hermitian operator, is invariant with space. Trinity is a quantum network started from the first point, which rotated to be the network, which is the two-ways ring network, in which the spirit and craving are circulated (rotated) and bounded within the network from the incident node, for instance, the rotation can be formed from the incident node as from not-self $\rightarrow$ impermanent $\rightarrow$ suffering or from not-self $\rightarrow$ suffering $\rightarrow$ *impermanent* etc.

From the above two Figures, when the spirit function is entered into the FNT and ENP networks, there are two practical nodes in ENP for concentration called mindfulness and concentration, where the mindfulness can be achieved by the FMF, while the concentration can be obtained by the meditation, which are normally called Vipassana meditation and meditation 5 respectively. These two methods are not commuted in practice, i.e. MV-VM $\neq 0$, where M and V are meditation and Vipassana meditation respectively. This means that the person who obtained the mindfulness, concentration is automatically achieved, but it cannot be realized by the opposite direction. Regarding to quantum physics, the spirit energy is quantized and actually formed by the Rabi oscillation in brain. The spirit energy levels can be increased to have higher levels by using the craving reduction, which can be done by meditation and Vipassana meditation. The energy levels can be increased from the two levels by Rabi oscillation to infinity, i.e. nirvana situation, where there are many fine energy levels that can lead to have the aura situation, super natural power, enlightenment and nirvana. The spirit signals in the high energy levels cannot be interfered by the craving signals. However, the meditation alone without Trinity consideration is not the best way to achieve the concentration because the spirit signal may be fallen into the dark side or micro black hole due to the high spirit energy value, therefore, the best way is that the spirit energy is divided into two parts, where the two networks namely wisdom and Trinity networks are simultaneously considered, from which the spirit function is become the constant and bounded values in the wisdom and Trinity networks respectively, which are the best ways for practitioners.

Discussion

In practice, the spirit signals are divided into two parts, which are (i) form and (ii) abstract. Form and abstract are taken into the networks called Four Noble Truths(FNT) and Trinity(passion buffer network), respectively. In Figure 1(a), the five aggregates are consisted of (i) form, (ii) sensation, (iii) perception, (iv)mental perception and consciousness. The wisdom is given by the ratio between the intelligent outputs and craving as shown in Figure 1(b), which is the craving filtering network, where the incident spirit and craving are undergone within the ENP network, from which the wisdom can be without limitation, i.e. craving is approached zero. The hindrance(suffering) is occupied whenever the spirit is delivered as given by equations(1-3). The spirit is kept within the body whenever the form(body)of FMF consideration is taken place. The proportion of bright and dark spirit conversion is introduced the spirit oscillation, thus, the non-movement situation is occurred whenever bright or dark spirit signals is occupied the fully energy values. The fully bright spirit is led the smallest dark spirit, where the spirit is under the stopped situation, in which the enlightened spirit is generated and the nirvana is introduced due to the smallest spirit energy gab, i.e. continuous spirit energy. This means that the fine spirit energy level(small energy gap) is introduced the enlightenment. Alternatively, the fully dark spirit energy is occurred, where the micro-black hole is generated. The remaining spirit energy without craving in terms of Five Aggregates will be changed to be the relics. By using the well-known Buddhism practical method such as F MF, FNT, ENP with dependent origination law (DOL) and Yonisomanasikara [15, 16], where two forms of full spirit energies are formed as (i) full bright spirit (dark spirit = 0) and (ii) full dark spirit (bright spirit = 0) are the forms of non-movement spirit signals, except, the nonlinear effect is introduced into the remain spirit energy. For instant, there is

no wind if there is no different in surrounded weather. The bright spirit is stopped (not moved) whenever no dark spirit in the bright-dark spirit signal conversion.

Conclusions

In this article, the quantum networks of mindfulness and wisdom are expressed and analyzed for practical usage, which is the understanding of the most important concepts of brain performance improvement. Initially, the spirit is localized in Hilbert space and formed by a soliton pulse before entering into the brain. The spirit energy is then divided into 2 part equally, where one is merged into a form, which is included the four element and five aggregates, while the other part of spirit energy is formed an abstract, which is the hidden (entangled) function of the spirit with a form. These two forms of spirit functions can be used to interpret the mindfulness and wisdom for practical usage within the Trinity and ENP networks, where the two forms of the localized spirit signals form and abstract that can be independently performed to reach the wisdom and mindfulness, respectively, in which the FMF is the important role for mindfulness that can lead to achieve the nirvana situation.

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