

A Quantum Mechanical Approach to Study Consciousness and Healing

Dr. Vrishali Joshi

Department of Physics, Government P.G. College Guna, Madhya Pradesh, India

ABSTRACT

There is indeed a connection between consciousness and tangled state quantum phenomena. Yogis firmly believed that the invisible below the quantum screen gives rise to the visible while Newton tries to explain the invisible through the visible (classical laws). It is indeed difficult to explain any event, happening at spiritual level since there are no perfect proofs on scientific background. In the present paper our effort is to explain what happens inside the human body and nervous system on the basis of quantum phenomenon and we shall attempt to combine Quantum Mechanics and consciousness.

Keywords: Quantum Phenomena, Newton, GNA, DNA, Quantum Tunneling

I. INTRODUCTION

The very first question which arises in our mind is that what is Consciousness? It can be answered as it is the quality or state of being aware of an external object or something within oneself. It has been defined as: subjectivity, awareness, the ability to experience or to feel, wakefulness, having a sense of selfhood.

The other questions in the series are: Does consciousness exist? Is consciousness physical? Most physicists would probably answer "yes" to the former of these questions and "no" to the latter - and most physicists consider the topic to have nothing at all to do with their branch of science. There are a few books and papers in which attempts have been made to combine Quantum Mechanics and consciousness. These writings are more likely to be called philosophy rather than physics. At present the topic of consciousness is totally absent from the science of physics, but one may ask the question: Is consciousness to be expected to become a physicist's research topic in the future?

The medical approach to consciousness is practical oriented. It derives from a need to treat people whose brain function has been impaired as a result of disease, brain damage, toxins, or drugs. There has been some research into physiological changes in yogis and people

who practice various techniques of meditation. Some research with brain waves during meditation has reported differences between those corresponding to ordinary relaxation and those corresponding to meditation.

The three attributes Consciousness, Form, and Substance permeate all of Reality. Consciousness is the organizing quality of God. The arrangement of molecules in a crystal is an example of consciousness in so-called dead matter. Consciousness manifests through Form. All shapes of objects depends on a fact called fields of energy. The organs of the human body take their shapes from fields of very subtle energies which allow us as Spiritual Beings to exist in the material universe. Substance is that which is organized by Consciousness & shaped by its Forms. Substance permeates Reality. There is no emptiness. Matter is created in the physical plane where the field energies of the higher planes intersect.

Now we come to the word Chakra. It is a sanskrit word meaning wheel. It refers to each of the seven energy centers of which our consciousness, our energy system is composed. These chakras, or energy centers, function as pumps or valves, regulating the flow of energy through our energy system. The functioning of the chakras reflects decisions we make concerning how we

choose to respond to conditions in our life. We open and close these valves when we decide what to think, and what to feel, and through which perceptual filter we choose to experience the world around us. The chakras are not physical. They are aspects of consciousness in the same way as the auras are aspects of consciousness. The chakras are more dense than the auras, but not as dense as the physical body. They interact with the physical body through two major vehicles, the endocrine system and the nervous system. Each of the seven chakras is associated with one of the seven endocrine glands, and also with a group of nerves called a plexus. Thus, each chakra can be associated with particular parts of the body and particular functions within the body controlled by that plexus or that endocrine gland associated with that chakra.

All of our senses, our perceptions, our possible states of awareness etc, can be divided into seven categories. Each category can be associated with a particular chakra. Thus, the chakras represent not only particular parts of your physical body, but also particular parts of your consciousness. When you feel tension in your consciousness, you feel it in the chakra associated with that part of your consciousness experiencing the stress, and in the parts of the physical body associated with that chakra. Where you feel the stress depends upon why you feel the stress. The tension in biotech industries are producing something that investigators call GNA, a synthetic analog of DNA. (Jan Smith) Currently, both NASA and Google fund and support The Singularity University, a place where are taught about this new state of intelligence. According to this new system of education, humankind becomes transcendent in a place in space and time where the rules of physics no longer apply.

According to Ray Kurzweil, by 2029, machines will reach and overpass human intelligence and will get to a level of consciousness defined by him as "super-intelligence" which humans will be able to "use" by plugging themselves into the system. Raymond Kurzweil, noted inventor and futurist, is a man who refuses to accept the inevitability of physical death. He proposes that the law of accelerating returns -the exponential increase in the growth of information technology will result in a "singularity", a point where humanity and machines will merge, allowing one to

transcend biological mortality: advances in genetics will provide the knowledge to reprogram biology, eliminate disease and stop the aging process; nanotechnology will keep humans healthy from the inside using robotic red blood cells and provide a human-computer interface within the brain; robotics, or artificial intelligence, will make superhuman intelligence possible, including the ability to back up the mind.

The question is then, who has the tools and the potential to create things such as artificially replicating fibers, red blood cells and nano organisms that mimic human cellular reproduction? Who is right now modifying us all without our consent? The answer is tried as follows "What is happening to humans at the biochemical level?," "Electrical bonds are chemical bonds, and electromagnetism is capable of changing what is happening in our bodies." Sofia Smallstorm believes frequencies other than our own or planet Earth's harmonic resonance are supplying the synthetic components in our bodies the power they need to carry out their mission.

The Piezo Effect is the ability that some crystals, ceramics, proteins, metals and human DNA to create an internal voltage once an outside pressure is applied. As explained by Sofia Smallstorm, when a person applies a certain frequency to a crystal, it generates a voltage. Inversely, when you put a voltage to a crystal, it responds with a frequency.

II. METHODS AND MATERIAL

The Theoretical Background

Chakras are the focal points where psychic forces and bodily functions interact with each other. They are transceivers of scalar energy. Scalar waves operate in a non-linear time dimension which is hyperspace, at any speed from zero to infinity, as they are not limited to the speed of light.

Chakras can send out information carrying soliton waves, which do not attenuate. The Indian sage has exploded into a space of consciousness in which inner awareness is spontaneous. Cosmic consciousness is an intellectual enlightenment or illumination, an indescribable state of moral and intellectual elevation, a feeling of amazing

bliss. Gazing at the sun or stars is an enlightening practice that fills up the soul.

When we develop cosmic consciousness, the chakras vortex will extend further from our body. These chakras cannot be seen by the sight sense of the common man. Each of these 7 chakras (shown in figure 1) are associated with a specific colour, organ, gland, mantra and frequency Chakras.

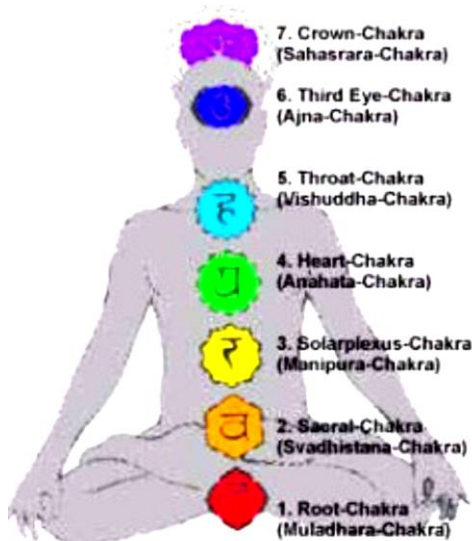


Figure 1

The real nervous system operates by means of synaptic messages. The virtual one operates by means of the quantum effect of tunneling (particles passing through an energy barrier that classically they should not be able to climb). The real one is driven by classical laws, the virtual one by quantum laws. Consciousness is therefore driven by quantum laws. Chakras dictate all physical, mental, emotional and spiritual processes that take place in our body. Every chakra is a transmitter cum receiver antenna.

According to classical physics, a particle of energy E less than the height U of a barrier could not penetrate - the region inside the barrier is classically forbidden. But the wave function associated with a free particle must be continuous at the barrier and will show an exponential decay inside the barrier. The wave function must also be continuous on the far side of the barrier, so there is a finite probability that the particle will tunnel through the barrier.

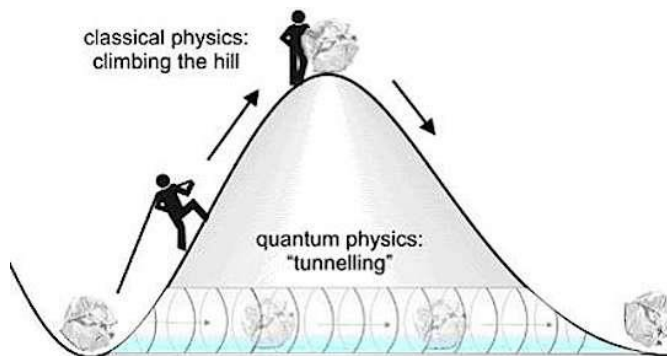


Figure 2

The phenomenon of barrier penetration shown in fig 2 shall be used to explain energy levels of chakras.

Quantum Tunneling

The quantum particle could penetrate for some distance through walls which are infinitely thick. What would happen if a quantum particle are to propagate towards walls which are not infinitely thick ? The particle in fact has a finite probability of passing through such a wall. This is known as the tunneling effect, and it is a purely quantum phenomenon. Figure 4 depicts a particle incident from the left approaching a barrier. The height of the barrier U is larger than the energy E of the particle, Some of the amplitude of the quantum particle is reflected, while some passes through the barrier (non-classical behavior), and emerges to continue travelling towards the right on the other side.

III. RESULT AND DISCUSSION

Barrier Penetration

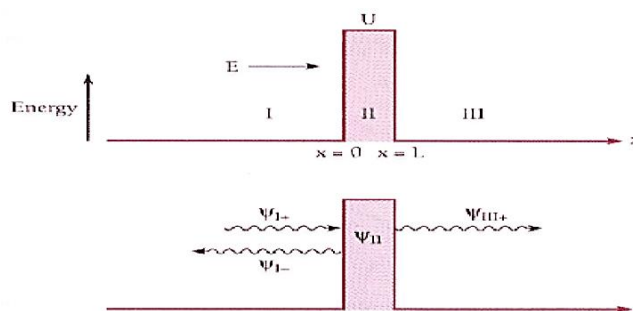


Figure 3

Fig 3 A particle with an energy below the barrier height approaches the barrier. Some amplitude is reflected, and some amplitude tunnels through to the other side.

The potential is :

$$U(x) = \begin{cases} 0 & x < 0 \\ U & 0 \leq x \leq L \\ 0 & x > L \end{cases} \quad \begin{array}{l} \text{region I} \\ \text{region II} \\ \text{region III} \end{array}$$

The potential is:

Finally, the expression for the transmission probability comes out to be

$$T = \left| \frac{F}{A} \right|^2 = \left(\frac{1}{4} - \frac{k_2^2}{16k_1^2} \right)^{-1} e^{-2k_2L}$$

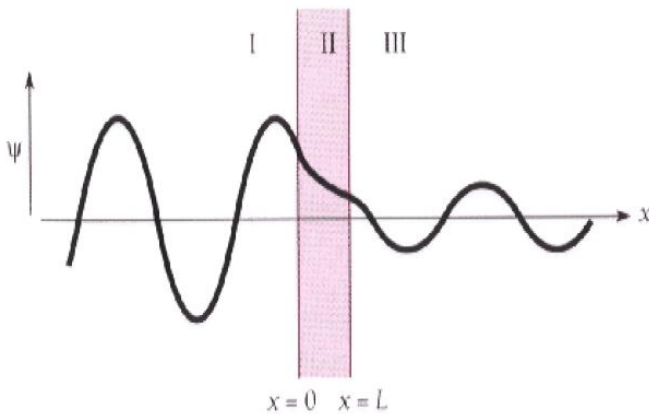


Figure 4. A quantum particle tunneling through a barrier

The concept of tunneling, whereby a quantum particle penetrates through a classically disallowed region, has also been applied to many situations with spectacular success 1 A new ultra-Microscope 2 Alpha particle decay 3 The end of the road for the classical computer.

Discussion:

In our view the above concept can also be applied for happenings inside human body and consciousness. Understanding the chakras allows us to understand the relationship between our consciousness and our body, and to thus see our body as a map of our consciousness. It gives us a better understanding of ourself and those around us.

I personally, think it is extreme to say everything can be healed, but certainly there is a fundamental connection between the mind, body and universe, and how we think,

definitely affects our health - as the placebo effect proves [1-5]. Nowadays, various psychic disorders and rheumatic pains are being treated using this placebo-therapy. Mainly the patients willpower is raised which helps them in their fast recovery and healing.

IV. REFERENCES

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