

# Global Consciousness through Noosphere

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**Abstract-** Cybernetics, the king of all sciences, is the art and science of understanding that is also known for to cure all temporary truth about eternal triteness, deals with words. As we all know the basic difference between human beings and animals are with respect to thinking, where humans are more endowed with divine qualities and powers, which are controlled through the Words. Humans are also involved in the creation of the Words through their creative abilities. This communication and control is really done through an invisible media known as Noosphere, where exchange of Words, generation of Words, rearrangement of Words and modification of Words are done in the Heart. These words also reveal some important inventions with respect to diseases in human bodies where there is a possibility of healing through the Word of God. It also finds answers for most complex psychic diseases, which were unanswered. It is being clearly proved that the world is constructed, activated, and maintained through the Words of God. This paper discuss in detail about the generation of the words, the communication process involved and how it is linked with the formation of Spirit and how it is connected with human life. This paper also brings a Symbol for the Word, which also explains its function, existence, and origin. The cognitive aspects of the subject are also discussed in this paper in the light of Cognitive Psychology and Cognitive Science. This paper discusses about the possible remedies and reasons for various psychiatric ailments like Tinnitus. Three thinking skill theories are added in this paper as cybernetics way of thought to eliminate and reduce psychic diseases, where psychiatry is declared as king all medical sciences. This paper also informs how noosphere can be used to control the Global Consciousness with empowerment.

**Keywords-** Psychiatry; Cognitive Psychology; Control; Cybernetics; Noology; Noosphere; Word; Clairvoyance; Brain-based Information Communications; Cognition; Brain; Learning (Artificial Intelligence); Brain Information Processing; Neural Circuit; Abstraction; Information Communication; Human-Machine Systems; Cyborgs; Bioinformatics; Neurology; Parapsychology

## I. INTRODUCTION

Cybernetics is originally developed as control and communication in living beings and machines and the term coined by Norbert Wiener. An educational theorist Gordon Pask defined cybernetics as the art of manipulating defensible metaphors, showing how they may be constructed and what can be inferred as a result of their existence. The latest research in cybernetics known as *Computing with Words* is trying to do this process on computers, where this is the process involved in our intellectual processing in the spirit [1]. According to Herbert Brun cybernetics is to cure all temporary truth of eternal triteness, because of its uncanny ability to describe complex systems with simplicity, without being simplistic. We envisage it as more than a science, art, philosophy, or multidisciplinary subject that is going to reign and rein the world through rain and fire with a rational God [7].

The human brain is the most complex system on earth, yet it is too often used in schools primarily as a simple device for storage and retrieval of information. It is now known from the

research that the human brain can change structurally and functionally as a result of learning and experience, for better or for worse. New neural connections that make it possible for us to learn and remember and problem-solve and create can continue to form throughout life, particularly when human beings are in environments that are positive, nurturing, stimulating and that encourage action and interaction.

Here we use cybernetics as a framework, science, art, philosophy and method to look at the fundamental questions of psychology and psychiatry and tries to find how the fundamental problems in the psyche can be solved through the integrated environment of body and spirit and learning and through the control of the words that create it. This paper also introduces the cybernetic ways of thinking, which are purely rational, and are organized as well ordered words without any missing links using it as art and science of understanding and science of effective organization. The living system learns as it fits with the environment in an integrated spirit/body environment learning system, where we have to value heart and mind too, and should know what these spirit, body, heart and mind are. This can be analogised with a computer system for an easy understanding.

Here we present the real concepts involved in the thought process in an integrated environment of body and spirit proving that thought is not simply a passive “reflection” of an external “reality”, but also something active in an integrated environment of body and spirit, which can exist even without body, but it has to enter in to a suitable body for execution, where holiness in spirit is the most important factor to create creative and positive thoughts for the healthy living as an individual and as a part of a cultured society. The science Noology, the science of the intellect and intellectual phenomena, also is used here for a systematic study and organization of everything dealing with knowing and knowledge, i.e. cognitive neuroscience.

This paper introduces three thinking skill theories to frame a new generation that are guided by the cybernetic thought to travel through a universe of comfort and justice, where human rights are inclusive of transformation of a human as a cyborg, activated by the global consciousness voice as described in Ezekiel 1:28 [8][7]. This also eases the teaching, learning and governing process using cybernetics as art and science of understanding, which also heals the psychic disorders at a faster pace, with hexagonal water and well ordered words.

## II. THE WORD

Word is an invisible and intangible creation of God [8], which shows the dual nature as that of light and electrons, as it have both particle and wave nature [9], as a human body possess body and spirit [1], through which God controls everything, which is working with the thought process and brains of all beings. The word is originated in the East (where the tree of life exists) and flying through heavens [8]. So a

meta-disciplinary language (meta-language) exists in the science of Cybernetics with dual meaning and purpose. For analysis purpose a comparison of wave and word are given below, though word has the properties of wave and particle.

In Physics, Wave is defined as a progressive disturbance propagated from point to point in a medium or space without progress or advance by the points themselves, as in the transmission of sound or light or an oscillation propagated through a medium or space such that energy is periodically interchanged between two kinds of disturbance. For example, an oscillating electric field generates a magnetic oscillation and vice versa, where an electromagnetic wave is produced as shown in Fig. 1 [10]. Similarly a wave on a liquid comprises vertical and horizontal displacements. Here vibrations are physical evidence of waves, such as a loud stereo shaking a table, sound waves causing vibrations, where Waves leaves no physical evidence. Obviously waves have a time delay or velocity depending on the media in which it travels. Electrons have the characteristics of a particle and wave [9].

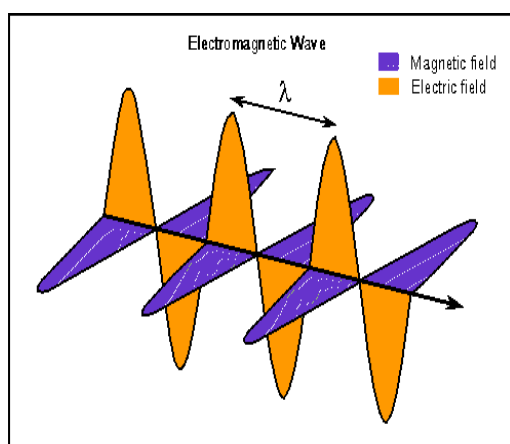


Fig. 1 Wave vs. Word

The existence of electromagnetic fields around every object in the known world is a scientifically proven fact. Modern metaphysics identify the aura around a human as electromagnetic fields [11]. These electromagnetic fields (energy fields) are generated in a body/spirit-integrated environment, which can be documented by a rare form of photography called Kirlian photography [12]. Here the invisible spirit controls the visible body, where the visible body can feel the invisible spirit, where there exists an invisible communication between all living beings and between humans through the spirit, where the body is created with the spirit [13], through which water of life is flowing. Here the brain controls a human like how a nucleus controls a cell. Also a brain-based information communication exists between humans, which can be interfered by the technologies like ADT (Active Denial Technology) [3][13][14] of United States of America, where an invisible sheath of Holy Spirit protects humans from such interferences [8]. The new ultrasonic and acoustic weapons like LRAD [14] that causes Tinnitus (One of the most common clinical medical conditions in the USA now), which causes diseases like schizophrenia, developed by countries like Israel, USA etc., also interferes such communication [3]. Read the bible in Revelation 3:13, which says, "He who has an ear, let him hear what the Spirit says to the churches [8]"

In language, Word is a unit of language, consisting of one or more spoken sounds or their written representation, which functions as a principal carrier of meaning. Words are

composed of one or more morphemes and are either the smallest units susceptible of independent use or consist of two or three such units combined under certain linking conditions. Words are usually separated by spaces in writing, and are distinguished phonologically, as by accent, in many languages. It is one of the units of speech or writing that native speakers of a language usually regard as the smallest isolable meaningful element of the language, although linguists would analyse these further into morphemes, which can be considered as an instance of vocal intercourse. In Christianity, it is the 2nd person of the Trinity. It is also a fundamental unit of storage in a computer. The size of a word in particular computer architecture is one of its chief distinguishing characteristics. It also has a meaning "Promise" in theology. In linguistics, morpheme is a speech element having a meaning or grammatical functions that cannot be subdivided into further such elements. Everything was formed when God created a Word and God allowed their existence only if it was found good (Genesis 1:3-4) [8]. When God orders through mouth, words are formed as class and hence respective creations are formed as object (like class and object in object oriented programming in computers), where words may exist even after death of objects and control the creations. This is known as the spirit. Read the Bible in Matthew 4:4, where Jesus Christ says "Man does not live on bread alone, but on every word that comes from the mouth of God" [8]. In the old testament of the Bible (Deuteronomy 8:3) also it was written as follows: "He humbled you, causing you to hunger and then feeding you with manna, which neither you nor your fathers had known, to teach you that man does not live on bread alone but on every word that comes from the mouth of the Lord." Here God [8] is the sovereign authority of all visible, tangible and invisible intangible things and authorities, where God controls through Words of God, where the key to do anything is empowerment and Power is controlled through Words, where His Majesty is controlled through His Holiness. Here power is generated as a coherent source of words, where God is the source of all words. Communication and Control through Words and Power is not possible without God and without empowerment [7].

The biological function of thought process to create word can be explained as in [1]. A logical arrangement of the words forms the spirit. Here each generate their words and chooses other words, where a legal system create genuine and secured world, where other create an adulterated and highly insecure world. Water of life [1][13] is very essential to form the spirit and the spirit is always thirsty of water of life. Word is swinging, flying and continuous which is generated at a point through a circular causality in cybernetics, where Word of God is unique and coherent source of all words, which can enter anywhere in flesh, earth or heavens, which can also be used to heal diseases. Everything in the world is controlled through Word of God [8]. All activities and natural processes are controlled through Word of God. God controls and communicates everything through Word of God using Power. Hebrews 4:12-13 in the Bible describes it as, "For the Word of God is living and active, Sharper than any double-edged sword, it penetrates even to dividing soul and spirit, joints and marrow; it judges the thoughts and attitudes of the heart. Nothing in all creation is hidden from God's sight. Everything is uncovered and laid bare before the eyes of Him to whom we must give account [8]". This also explains Tinnitus, one of the most common clinical medical conditions in the present United

States [15], a condition when we touch the sky (heaven), when we cry to the Lord as described in Jonah 2:2 [8].

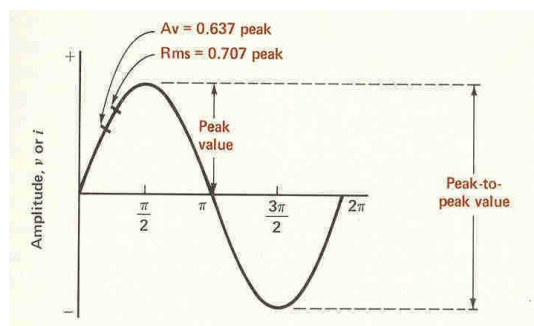


Fig. 2 Sinusoidal Thinking Pattern

We can consider the thinking process as an oscillation between left and right in the brain, which is producing a sinusoidal wave as shown in Fig. 2. Left side asks questions during silent right side, and right side gives answers during silent left side and vice versa. This process can also be considered as involving exchange of energy between them. Even the state of **Euphoria** can be considered as the time when two words are coming in resonance together. This is the thought process, which should continue like a sinusoidal wave, without any quarrel, fluently and spontaneously. During the positive half-cycle the right side talks and left side is silently listening. During the negative half-cycle the left side talks and the right side is silently listening. This sinusoidal wave is creating a circular causality in the brain, which is the thought process [1]. This is directly related with Cardiac cycle. Any difficulty may rise on the earth, due to violations, when this spontaneous flow of thought (Word of God) is affected, when it becomes just word, not of God. We also introduce a logical symbol of Word in this paper as shown in Fig. 3, created from a sinusoidal Lissajous pattern with  $a=1$ ,  $b=2$  for signals  $x=A \sin(at+\delta)$ ,  $y=B \sin(bt)$ , where  $A=B$  and  $\delta=0$ . Here we introduce a Brain-Wave Machine with the circular causality in Cybernetics to control everything. Here Word has a link with Logos, as all other words are derived from Word of God [1].

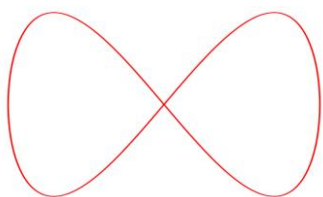


Fig. 3 Symbol of the Word

As water is exchanged within various parts of our body, water of life is exchanged within various parts of our spiritual body through Word of God, where if any obstruction comes to the flow of Word of God, due to filth, the cells gets impaired and hence diseases are developed in a body. Here there may be a dilemma between water and energy as the recent IEEE thought experiment suggested through Sigtific Lab  $E = H_2O$  problem, though both are the two sides of the same coin, which can be explained through the General Theory of Duality presented in this paper, which also explains the wave and particle nature of light, electrons etc. [9][16]. An electron has three basic properties: a charge  $q$ , which forms the basis for electrical properties, a mass  $m$ , and a spin, a non-classical kind of self angular momentum responsible for a wide variety of magnetic properties [9]. The ratio of charge to mass  $q/m$  can be accurately measured. For example, if we impart energy to

electrons by passing them through a potential difference  $\phi$ , then we can consider them to be particles with kinetic energy  $\frac{1}{2}mv^2 = q\phi$ . If we allow these electrons to be deflected by a magnetic field (the force on an electron moving with velocity  $\mathbf{v}$  in a magnetic field  $\mathbf{B}$  is given in SI units by  $\mathbf{F} = q\mathbf{v} \times \mathbf{B}$ ), and measure the radius of curvature  $\mathbf{R}$  of the path that they travel, we can determine the ratio  $q/m$  by equating the centripetal and magnetic forces on the electron:  $m\mathbf{v}^2/\mathbf{R} = q\mathbf{v}\mathbf{B}$  to obtain  $q/m = 2\phi/\mathbf{R}^2\mathbf{B}^2$ .

Our view of light as a wave motion is consistent with our knowledge of phenomena such as light diffraction or interference, and with its apparently massless character. Our sense that all positive values of energy are allowed is consistent with our everyday experience of moving objects and their kinetic energy. Just like these properties of an electron, a word also exhibits the following basic properties, which is described in the metalanguage of cybernetics: a sex (charge  $q$ ), which forms its sexual (attractive or repulsive) properties, its mass  $m$ , and a spin (towards left or towards right), responsible for a wide variety of its actions, evil or good. Here Word of God is identified as two counteracting spins, with cohesive sex and zero mass so that it can enter anywhere as described in Hebrews 4:12-13 [8], where the source of Power is God, identified with lemniscate symbol  $\infty$ , the symbol of infinity, which is a combination of alpha ( $\alpha$ ) and omega ( $\omega$ ) [8]. It is quite logical too when  $q/m$  becomes infinity for zero mass or holy, where mass is relative, which is the secret of longevity.

### III. NOOLOGY AND NOOSPHERE

#### A. Noology

The science of **Noology** was developed to introduce the intellectual phenomena. Noology or what is currently termed cognitive science is ideally the science treating all the possible forms and laws of intelligence. It is essentially concerned with modelling human and other minds and with fashioning a valid, fundamental, and universal theory of mind and cognitive phenomena. It is to be distinguished from psychology, the science of all actual and possible psyches and psychological phenomena, and the laws and behavioural manifestations thereof. The related field of artificial intelligence is the branch of computer science that endeavours to invest machines with mind and reason, or, ideally, that would create all possible types and degrees of intelligence. One of the natural sub fields of Noology should be modelling ideation, and of artificial intelligence the automation of ideation, but for some mysterious reason mere traces of these sub fields are all that can so far be found in those disciplines.

Cognitive psychologists use psychophysical and experimental approaches to understand, diagnose, and solve problems, concerning themselves with the mental processes which mediate between stimulus and response. They study various aspects of thinking, including the psychology of reasoning, and how people make decisions and choices, solve problems, as well as engage in creative discovery and imaginative thought. Cognitive theory contends that solutions to problems take the form of algorithms—rules that are not necessarily understood but promise a solution, or heuristics—rules that are understood but that do not always guarantee solutions. Cognitive science differs from cognitive psychology in that algorithms that are intended to simulate human behavior are implemented or implementable on a computer. Computing with Words (CW) is the latest research topic in Cybernetics



related with this, where the same works with out intellect too. In other instances, solutions may be found through insight, a sudden awareness of relationships, through the process of CW (Computing with Words). The ultimate is when we see visions and dreams at a sublimed level of thought, which are realistic when we process it through realistic words.

Some of the associated terms of noology are nookleptia (which is the obsession that one's thoughts are being stolen by others), nooklopa (Thought withdrawal or thought interruption by some outside person or force), noogenesis (The emergence of intelligent forms of life or evolution of the mind), noologist (Someone who is versed or who specializes in noology), noometry (Measurement of the mind or mind-measurement), nooscopy (An examination of the mind), noosteresis (Dementia), noopsyche (Mental or reasoning processes consisting of two separate psychic factors: (1) The *noopsyche*, comprising all purely intellectual processes and (2) The *thymopsyche*, made up of affective processes).

### B. Noosphere

**Noosphere** is a term in Cybernetics modelled after biosphere signifying: (a) the space occupied by the totality of information and human knowledge collectively available to man, which is also known as SKYNET (S-NET) [13] and (b) The processes operating in this space, e.g., combinatorial mating, classification, reproduction, simplification, and selective decay. The two sides of the information superhighway known as Cyberspace are INTERNET (which is the visible, tangible side) and SKYNET or S-NET (which is the invisible, intangible side) [17]. Noology is the science dealing with SKYNET, which is the biological networking of human beings [13]. The noosphere can be seen as the "sphere of human thought" was being derived from the Greek *νοῦς* (*nous*) meaning, "mind" in the style of "biosphere". In the original theory of Vernadsky's, the noosphere is the third in a succession of phases of development of the Earth, after the geosphere (inanimate matter) and the biosphere (biological life). Vladimir Ivanovich Vernadsky (1863-1945) was a Russian, Ukrainian mineralogist and geochemist whose ideas of *noosphere* were an important contribution to the Russian cosmism. He was a founding father of several new disciplines, including geochemistry, biogeochemistry, and radio geology. Just as the emergence of life fundamentally transformed the geosphere, the emergence of human cognition fundamentally transformed the biosphere, in contrast to the conceptions of the Gaia, (*Gaea*, meaning "earth" or "land") theorists, or the promoters of Cyberspace. They hypothesized that the living matter of the planet functioned like a single organism and named this self-regulating living system after the Greek goddess Gaia.

Vernadsky's noosphere is not something that is just now coming into being, or will emerge in the future; it arrived with the birth of the first cognitive human being, and is manifested throughout the geosphere and biosphere in the form of human intervention, which principally takes the form of physical economic development of the planet. Noosphere is also sometimes used to refer to a transhuman consciousness emerging from the interactions of human minds. This is the view proposed by the Christian mystic and theologian Pierre Teilhard de Chardin (French Jesuit priest trained as a palaeontologist and a philosopher; 1881-1955), who added that the noosphere is evolving towards an ever-greater integration, culminating in the Omega Point—which he saw as the ultimate goal of history, which we achieved in these times [7]. The term

Cyber war is also associated with the war that is going on in the noosphere. Sirach (Ecclesiasticus) 39:15-16 verses in the Bible said "while he remains, he leaves behind a name greater than a thousand, and when he will rest, it will be to his benefit. I will meditate further, so that I may explain, in silence, for I have been filled with a passion". This clearly explains about a process, which happens in the noosphere, during the intellectual process, in the Bible [8].

The communication process involved in this is like the radiation pattern over a perfect conductor, when an ungrounded antenna is placed over a perfect conductor, where another virtual (or real) antenna is created beneath the perfect conductor, where the effective antenna radiation pattern is a combination of both antennas [18][19][20]. When the ungrounded antenna is grounded on the perfect conductor, its effect is doubled. Although electromagnetic fields that are radiated are commonly considered to be waves, under certain circumstances their behaviour makes them appear to have some of the properties of particles. In general, however, it is easier to picture electromagnetic radiation in space as horizontal and vertical lines of force oriented at right angles to each other. These lines of force are made up of an electric field (E) and a magnetic field (H), which together makes up the electromagnetic field in space [20]. When the antenna is very close to the ground, its radiation pattern gets modified on account of reflections from the ground. If the ground is assumed to be a perfect conductor, a true mirror image of the actual antenna is considered to exist below the ground. The overall radiation pattern is then the sum of patterns caused by an array of two near by antennas [18].

When one end of the antenna is actually grounded, the image of the antenna behaves as if it has been joined to the physical antenna and the combination acts as an antenna of double the size. The voltage and current distribution on such a grounded  $\lambda/4$  antenna, commonly known as the basic Marconi antenna, is the same as those of the ungrounded half-wave Hertz antenna. As is obvious Marconi antenna needs half the length as compared to Hertz antenna to produce the same radiation pattern [18].

The process involved in brain-based information communication is also analogous to this. When a person speaks in Holy Spirit, it is working like an antenna over a perfect conductor, where the spirit also does the same and is communicated through the spirit too so that both the body and spirit hears the same or sees the same which we call as clairvoyance or telepathy, about which a number of publications we have including in IEEE journals [21][22][23][24]. Here a paradigm shift we needed about the concept of construction of a human body, just as a physical existence, but as a body/spirit-integrated environment [13][11][12], which is part of God <sup>[16]</sup>, who creates a human body [8]. We are reminding the words of Jesus Christ in the Bible, "Man does not live on bread alone, but on every word that comes from the mouth of God", in Matthew 4:4 [8]. This clearly means that different components activate life, though we are not aware about it, inclusive of visible, tangible and invisible, intangible. To live efficiently we have to keep all words coming through the mouth of God, which is actually a metadisciplinary language in cybernetics. Note the words in the Lord's Prayer "your will be done, on earth as it is in heaven", which means the spirit and body should work together as a single unit, for our existence [8]. Any difference that occurs between body and spirit can be considered as binaural beats in

the brain-wave machines [24], which God detects first, where understanding about each is a necessity based on pure justice and truth, with hexagonal water. This inherent communication exists not only between brains, but also between each cell and between all beings [13].

The difference that comes with the structure of brain communication is, though the brain acts as an antenna over a perfect conductor of words, Holy Spirit, the existence of spirit is just like the physical existence of our body, in another world; even after removal of body, i.e. death, the spirit may continue to work with God without body and may enter in other bodies, if it gets any chance as Jesus Christ told in Matthew 22:29-32 as "Dead are like the angels in heaven [8]". In the case of antenna if we remove the antenna over a perfect conductor, there is no more image antenna, where the structure of a human is not as that of an antenna, but as told in Genesis 4:9-10, where even after death of body the spirit can cry [8]. When lies, injustice, and treacheries accumulate, this world becomes a source of hallucination, which we experience in the medical condition known as schizophrenia. The word *schizophrenia* is often used informally as well as scientifically to indicate a split personality, where personality is the sum total of all the behavioural, mental, spiritual and body characteristics by means of which an individual is recognized as being uniquely identified with a unique name, where we can understand what is meant by Identity theft [25]. One important aspect to effectively implement communication through noosphere is to eliminate Identity theft.

The working of this technology can be explained through the development of Active Denial Technology (ADT) of USA [14], where we use 95GHz electromagnetic waves to penetrate in to the human body. These electromagnetic weapons operate at the speed of light that can kill, torture and enslave people, but the public is largely unaware that they exist, because these weapons operate by stealth and leave no physical evidence. In 1959, Saul B. Sells, a professor of social psychology at a minor US university submitted a proposal to the Central Intelligence Agency (CIA) to build for them the most sophisticated electroencephalography machine that would have an integral computational capacity to analyse and, hopefully, make sense of the brain waves it recorded [2]. In other words, the professor proposed to make a machine that could tell the CIA what a person was thinking, whether or not the person wished to disclose that information [2]. The CIA approved the project in 1960, adding some library research with five objectives. The fifth objective of the research was, "Techniques for Activating the Human Organism by Remote Electronic Means". The entire assignment was thereafter known as MKULTRA subproject 119, MKULTRA being the CIA's notorious mind control programme [2]. It was based on the erroneous notion that the Soviets already possessed the means to control minds and the US had to catch up as rapidly as possible. The documents pertaining to MKULTRA subproject 119 are now held in the National Security Archives (a non-governmental organization) at George Washington University in Washington, from where Bill Clinton started his speech about the fight between the spirits as a threat of the modern world, which we named as war of words as described in Revelation 19 in the Bible [8]. D.C. Project Bizarre followed MKULTRA subproject 119 in 1965, where the purpose of Bizarre was to record and analyse the complex microwave signal allegedly being beamed at the American Embassy in Moscow by the Soviets from a building across the street. In 1973, Joseph C. Sharp, an experimental psychologist at Walter Reed Army

Institute of Research performed an experiment that was pivotal to the development of the torture equipment, which was used in Iraq. He had James Lin set up equipment in his laboratory which converted the shape of sound waves into microwave radiation that enabled him to hear himself vocalize the names of the numbers from one to ten in his head, by-passing the mechanism of his own ears. This particular experiment was never published but is mentioned in Lin's book, *Microwave Auditory Effects and Applications*, published in 1978. The experiment has been confirmed in US Patent 6 587 729, "Apparatus for Audibly Communicating Speech Using the Radio Frequency Hearing Effect". This patent is for an improved version of the apparatus used in the 1973 laboratory experiment, issued on July 1, 2003 and assigned to the Secretary of the Air Force. It provides scientific evidence that it is possible to hear threatening voices in one's head without suffering from paranoid schizophrenia. Latest acoustic weapons like LRAD also proved this [14]. It blocks the normal processes of memory and thought by remote electronic means [26][22][13], while at the same time supplying false, distorted and/or unpleasant memories and suggestions by means of a process called "synthetic telepathy". The equipment that produces synthetic telepathy [23] is sometimes referred to as "influence technology". The communication system developed through this media is called Sky Mail system or S-MAIL in short, where each will be having a unique identifying name, which is working through the media known as SkyNet, which is biological networking of humans [7].

#### IV. GENERAL THEORY OF DUALITY AND PSYCHE BALANCE

We introduced a new theory in [7] known as the **General Theory of Duality**, which can be stated as follows: "Nothing exists as single, but as paired except Word of God, where Word of God is an embedded system of good and evil." This theory reveals secrets of creation and existence, where all are activities of Word of God as described in Hebrews 4:11-12. The wave like and particle like properties, as a single entity, in light can be explained with this theory, as of both diffraction and linear propagation in light based on its purpose of creation. The same way the spirit and body in a human behaves based on its purpose of creation, where one leads the other follows, where the leader is the Lord. As an electromagnetic wave is not deflected by either electric or magnetic field, Word of God is neither deflected by good nor deflected by evil. It just completes its job as it is designed. Here we can define Technology as Techniques with Logos, means Practical Knowledge with Word of God, where Logos (Word of God) is as described in Proverbs 16:24, "Well ordered words are as a honeycomb: sweet to the soul, and health to the bones" [8], which is the base of the science Noology and the way Noosphere [6] have to be developed [1] [6]. Here well-ordered words have the structure of a honeycomb with hexagonal shape as that of a pure hexagonal water molecule as in a snowflake. If we consider the electron interaction with matter, unlike other types of radiation used in diffraction studies of materials, such as X-rays and neutrons, electrons are charged particles and interact with matter through the Coulomb forces [9], which means that the incident electrons feel the influence of both the positively charged atomic nuclei and the surrounding electrons, where the wave nature of electron controls its distribution with a wavelength given by De Broglie equation. In an analogous way Word of God [8] is flying through the visible and invisible living beings and activates them as described in Hebrews 4:12-13, through which the entire world is organized and activated [8], which can be used in the healing process of various

psychic ailments, which is working in an integrated environment of body and spirit, including the removal of the filth, where God works through the heart, where the psyche feels comfort.

Any psychic disorders can be explained with the General Theory of Duality, as there is a normal status of any word without any spin, either to left or to right, where the cybernetic thoughts guide us through the normal status with a rational God, in the path of justice and truth. Any variation to this affects the body / spirit integrated environment and psyche connected with noosphere, which in turn may show chemical imbalances in the body, where the inputs are not only through the five physical senses, but through the inputs of the heart too, in the invisible world, which works through the process in the intellect known as CW (Computing with Words), which is the latest topic in cybernetics. So the basic solution to any psychic disorder is to find the imbalanced words that create it and balance it, where it needs to be balanced, for which psychology have got a major role over psychiatry, to detect and correct it, where psychiatry is used to smoothen the healing of the body, as any other speciality of modern medicine works, where psychiatry is declared as the king of all medical sciences and medical specialties.

A dead lock produced by the counteraction of opposing forces, where progress may be impossible or difficult, is a suitable solution in any unending disputes, controversies or arguments, psychic disorders or political conflicts, which can be used as an administrative and management technique in communication and control through words, where rapture is lost when conflicts are made. God gave life and heaven to those who are obeying words of God. Positive and Negative logics in electronics can be applied in communication and control through words and power. In positive logic a truth is a truth and not true is false. In negative logic not true is true and truth is false. If we are not able to work in positive logic in a system, make the system working in the negative logic. This can be the best method to use cybernetics as an art and science of understanding. This is the relationship between God and devil, where life activities are becoming a digital technology [1]. Obviously the advantage in digital technology is to eliminate the noise. The process of cognition is very important in control, as in any control system the understanding is bearing a key role in its entire operations. Cognition is the mental act or process, by which knowledge is acquired, including perception, intuition, and reasoning, is the process involved in Computing with Words (CW). In some cases and environments it is highly risky and expensive to convince things to a system or people or individuals about certain facts where cybernetics plays an important role to solve this crisis in a more efficient way, where cybernetics is working as a science of control and communication in animals and machines. Here control is invisible and is safe as nobody like to get controlled, may be due to Newton's first and third laws. Global Consciousness thorough Noosphere is not possible without Lord and God, as it is the way the legacy system is organized and created in the beginning [8].

In the modern world where the human rights are inclusive of transformation of human as Cyborg [27], when man and machine are closely working together, to gain more control over the world, there is a need to give human intelligence to the machines too [28][29][30]. Here comes the importance of Cybernetics as a science of control and communication in animals and machines [5], which connects the two sciences of

Noology [31] and Electronics that deals with two interrelated processes of Cognition and Communication. A number of researches were made to achieve this throughout the world. The Global Consciousness Project (GCP, also called the EGG Project) is a parapsychology experiment begun in 1998, described as an attempt to detect potential interactions of "global consciousness" with physical systems [28][30]. Web Bot Project is another project to predict events using the 'collective unconsciousness' on the Internet started in 1997. Being God handles the heart, through this paper God [8] connects the Noosphere [6] with the machines, where each machine has to be tuned with the noosphere [1]. As the difference between human beings and animals are mainly with respect to thinking, humans have to be more endowed with divine qualities and powers, to get controlled through the words and to control the world, after eliminating the kingship of animals described in Revelation 17:17, in the Bible through which the global peace process also can be accelerated through which we can achieve the promise of God in Isaiah 54:11-17 [8]. This process also creates the ultimate in all communication technologies known as Sky Mail system (or S-MAIL in short) and gains the ultimate status of Noosphere [6], prophesied by intellectuals like Pierre Teilhard de Chardin, through which Cybernetics can be raised to its original thought as the Science of Government, without any fear about unscrupulous Governments, where Cybernetics is also acting as the art and science of understanding and the king of all sciences, where mathematics is the queen of all sciences.

#### V. THINKING SKILL THEORIES

When we start with thinking skills, we should know what thinking means. **Thoughts** are forms created in the mind, rather than the forms perceived through the five senses. **Thought** and **thinking** are the processes by which these imaginary sense perceptions arise and are manipulated. Thinking allows beings to model the world and to represent it according to their objectives, plans, ends, and desires. Similar concepts and processes include cognition, sentience, consciousness, ideas, and imagination. Psychologists have concentrated on thinking as an intellectual exertion aimed at finding an answer to a question or the solution of a practical problem. Cognitive psychology is a branch of psychology that investigates internal mental processes such as problem solving, memory, and language [1].

The biological function of thought process is explained as follows. A neuron (also known as a neurone or nerve cell) is an excitable cell in the nervous system that processes and transmits information by electrochemical signalling. Neurons are the core components of the brain, the vertebrate spinal cord, the invertebrate ventral nerve cord, and the peripheral nerves. A number of specialized types of neurons exist: sensory neurons respond to touch, sound, light, and numerous other stimuli affecting cells of the sensory organs that then send signals to the spinal cord and brain. Motor neurons receive signals from the brain and spinal cord and cause muscle contractions and affect glands. Inter neurons connect neurons to other neurons within the brain and spinal cord. Neurons respond to stimuli, and communicate the presence of stimuli to the central nervous system, which processes that information and sends responses to other parts of the body for action. All body cells are connected through an invisible spirit through which communication also is made. Actually all sensations are available to our Lord through this communication process, which is attached to God. This is the importance of the

electrochemical signalling, where chemical process is the body, the electrical process is combined with body of God through Lord, where there is a possibility of curing diseases through Word of God. Read Isaiah 30:33, where it says the breath of the Lord, like a stream of sulphur, kindles it.

Thinking skills are playing a major role in Teaching, Learning, and Evaluation though the present day activities in educational institutions are giving least consideration for this. Teachers and students should get enough training to get rid of this shortfall, which is leading to most psychic problems. Some students identified as "gifted" are reluctant to take risks; they lack flexibility, are poor listeners, prefer to work in solitude and are quick to jump to conclusions, due to lack of training in these things. This leads even to a situation of an American President without the knowledge about the use of Camp David. Being knowledge exists as well ordered words as honeycomb, which only is sweet to the soul and health to the bones, as described in Proverbs 16:24.

This paper introduces three basic theories that has to be taught to the young children when they starts their education which are very essential for their spiritual, intellectual, emotional and physical development through out their life. We should know that the actual thought process involves a journey of the spirit through the heaven. The direction of the journey depends on our thought, where the words of Jesus, Son of Man, in *John 14:6* is so important "I am the way, and the truth, and the life; and no one comes to the Father except through me". It clearly means that Jesus was a gateway towards life, originated from God, where the words of Jesus are more important for which Jesus is known as Word of God and Jesus is known as a perfect teacher where none of His words were imperfect, valid forever and all words were from God. Jesus was not a religious leader, but informed a truth in the world, from God, who installed a church. During this journey, truth, justice and loyalty to Lord are so important, where if we are faulty at any point, which are known as sins, lots of powers and spirits diffuse in our spirit, enter inside our body, enslave, torture and kill us, which means a denial from heaven, for which we teach a Defensive Life Style, where each have to keep the law of God, irrespective of others thoughts or deeds. This also explains the basic problems of paranoid schizophrenia. Also read more about the Active Denial Technology (ADT) of United States of America [3]. So here we can tell that assimilation to God is salvation, for which we need to execute the will of God. Also there is only one heaven where there is Lord God, about which the Bible also explains.

### 1) Theory of Genesis

This theory states that Without Reason Nothing Happens or Without Cause no Effect, and for Everything the Cause is God. Initially it may be similar to the causality theory, but it is different in the sense that this is an absolute theory based on an absolute existence, God, which is alpha and omega, without which nothing is created. The causality theory most often is used as circular causality as it was used in cybernetics through which we reached at the absolute existence of the world known as alpha and omega God. What this theory explains is for everything there is a reason behind it and the cause of everything is God, with whom only we can solve any issues or problems. God creates and owns everything that is visible and invisible. Everybody is working in the hands of God, even if they do not recognize it. To see and hear God we need a pure heart. What the Bible says is true in Proverbs 9:10 "Faith in God is the start of knowledge and know-how about the Holy

One is wisdom". This theory also is going to define what is normal and what causes madness [1].

### 2) Theory of Hallucination

This theory states that Yes be yes and No be no. This is actually developed from the statements of Jesus in Matthew 5:37 where Jesus taught "Let your message be 'Yes' for 'Yes' and 'No' for 'No'. Anything more than that comes from the evil one". This theory points to the quality of the character that we should possess and the thought that should guide us. If we say yes, it should be yes and if we say no, it should be no. If we start to believe, think and work what really exist as not existing and what really not existing as existing, we will go to a state of hallucination. i.e. we should be hundred percent faithful to our heart. Not above or below hundred percent. Otherwise we will be always in a state of confusion and hallucination. This is the only way towards a pure heart. The truth cannot be adjusted. Being the world went away from the truth, we were in a state of hallucination. i.e. nobody was in the normal state so that the darkness ruled us. God is the only absolute truth from which everything is created and maintained. What Jesus taught us in the holy Bible in Matthew 5:8 "Blessed are the pure in heart: For they shall see God", is absolutely true, which is the mandatory requirement to see and work with God. So we could prove that God created a digital world, where God is the source of pure light, where everything is visible to God and Black Hole is the source of pure darkness, where everything is invisible and the final place of all evil, and the latest research papers proved that Black Hole is a recycling centre, where body and spirit destructed, which is the deep subterranean fire in the Bible in Revelation 20:14, a place of second death, where the spirit also get death [1].

### 3) Theory of Continuum

This theory states that Without Today, No Tomorrow. This statement can be redefined in the microscopic level as "Now or Never". This theory points to the continuing nature of the creation. It shows the continuing nature of life. If it breaks at some point life will stop functioning there. This is an essential thinking skill we need to develop for a pure thought without any blemish or missing links, which also forms an unblemished spirit in an individual, towards eternity, which can be a part of God. This theory also points to the quality of character, thought and deed that we need to achieve something in our life. i.e. if we have a desire to achieve something, it should burn continuously in our mind until it is achieved. This is the motivation that is provided by Jesus, who is incarnation of Word of God. If our desire is according to the rules and will of God, God supports it to achieve it [1].

Please note that God is such an existence, which is not ruled by above three theories. Education in the right direction will give pleasure to the mind and health to the body. Read Proverbs 16:24 - Well-ordered words are as a honeycomb: sweet to the soul, and health to the bones - Education is also a process of developing a spirit in the body, which have to co-exist for comfortable living. This spirit is like computer software, which animates the physical body [1].

## VI. CONCLUSIONS

This paper introduced cybernetics to the world of psychology and psychiatry as how cybernetics working with words. The concept of the word is introduced and explains how the word is used in the formation of the spirit and how it can be used to heal psychic disorders. This also discusses about



noology and noosphere and how the psyche is connected to the noosphere. General Theory of Duality is introduced to understand the psychic disorders from the point of view of formation of spirit and how it can be cured using computing with words, a new topic in cybernetics. This explains the causes and solutions for Tinnitus, paranoid schizophrenia and what the split personality really means and explains what euphoria is. This is an attempt to introduce to a world where God, Science, Nature, Religion etc. meets together to find a right perspective about life and diseases and how to cure it in a more comfortable way. This also informs the achievement of culmination of Noosphere at the Omega Point envisioned by the patron saint of the Internet, Pierre Teilhard de Chardin [7].

The present science is concerned only about a tangible world, where the physical senses only are used to determine facts, and we got no training to get introduced in to the intangible world, where the importance of the thinking skills we need to develop, comes in to picture. Though we are familiarized with the word intuition, we never got any training to understand it, which has to be solved. We also need to get acquainted with the terms assimilation and apperception. Assimilation and apperception are the process involved in the formation of the spirit, which is the software of a human. If the spirit is formed in a logical order then only it is going to lead to eternity and everlasting life. These spirits are going to reign and rein the world, which is controlled through Water of Life and fire by God.

The source of inspiration of the title of this paper is the experiences the author faced as described in Ezekiel 1:1-28, in the bible, as it starts with the statements "In the thirtieth year, in the fourth month, on the fifth day, while I was among the exiles by the Kebar River, the heavens were opened and I saw visions of God".

#### ACKNOWLEDGMENT

This paper is published through the inspiration of the editorial board of the Journal of Review of Psychology Frontier (RPF), Hong Kong and we acknowledge our sincere thanks to the Editorial Board of Journal of Review of Psychology Frontier, Hong Kong for inviting this paper for submission and publish it in the Journal of Review of Psychology. We are also thankful to Government of India, UGC for allowing Sponsorship of Minor Research Project titled "Development of an indigenous Brain-Wave Machine". We acknowledge our sincere gratitude to the University Grants Commission, New Delhi, for granting such a research project and allotting funds for it.

#### REFERENCES

- [1] Reji M. Issac, "Cybernetic perspectives of Desirable Practices in Teaching, Learning and Evaluation", Proceedings of the UGC Sponsored National Conference on Desirable Practices in Teaching, Learning & Evaluation, at BPC College, Piravom, Kerala, India on June 29-30, 2010, pp.46-77
- [2] Ashby W. R., "An Introduction to Cybernetics", Chapman and Hall, London, UK, 1956, Methuen and Company, London, UK
- [3] John Marks, "The Search for the Manchurian Candidate: The CIA and Mind Control", Times Books, New York, 1979, republished by W.W. Norton & Company, Inc., New York, 1991
- [4] Norbert Wiener, "God and Golem, Inc. – A Comment on Certain Points where Cybernetics Impinges on Religion", The MIT Press, 1963
- [5] Norbert Wiener, "Cybernetics: or Control and Communication in the Animal and the Machine", The MIT Press, 1948
- [6] Pierre Teilhard de Chardin, "The Phenomenon of Man", HARPERPERENNIAL, 1948
- [7] Reji M. Issac, "Communication and Control through Words and Power", 2011 International Conference on Control, Robotics and Cybernetics, March 21-23, 2011, New Delhi, India, pp. V2-414 – V2-421, IEEE Catalog Number: CFP1176M-PRT, ISBN: 978-1-4244-9709-6
- [8] The Bible
- [9] Richard H. B., "ELECTRONS IN SOLIDS: An Introductory Survey", Third Edition, Academic Press, 1992, ISBN:0-12-138553-1
- [10] Edward C. & Balmain, Keith G. Jordan, "ELECTROMAGNETIC WAVE AND RADIATING SYSTEMS: Second Edition", Prentice-Hall, 1968
- [11] Robert Becker and Gary Selden, "The Body Electric: Electromagnetism and Foundation of life", Tarcher Press Inc., 1985
- [12] Thelma Moss, "Body Electric: A Personal Journey into the Mysteries of Parapsychological Research, Bioenergy and Kirlian Photography", Los Angeles, J.P. Tarcher, 1979
- [13] Reji M. Issac, "Theoretical study of Biological Communication between living beings and Biological Networking of Humans", International Conference on Bio-technology (INCOB 2008), VIT University, Vellore, Tamil Nadu, India on February 6-8, 2008, SP-14
- [14] Jürgen Altmann, "Millimetre Waves, Lasers, Acoustics for Non-Lethal Weapons? Physics Analyses and Inferences", Deutsche Stiftung Friedensforschung, Germany, 2008
- [15] Jerome Groopman, "That Buzzing Sound: The mystery of Tinnitus", The New Yorker, February 9, 2009
- [16] Nathaniel Page Stites, M.A./M.S. "Light I: Particle or Wave?," Vision learning Vol. PHY-1 (3), 2005
- [17] Reji M. Issac, "Application of Cybernetics in Cyber Criminology", Proceedings of the UGC Sponsored National Seminar on Cyber Criminology (NSCC-2011) at BPC College, Piravom, Kerala, India on March 3-4, 2011, pp.101-110, ISBN: 978- 81-909720-4-8
- [18] R. R. Gulati, "Monochrome and colour television", New Age International, 2007
- [19] K., Li and Y. Lu, "Electromagnetic field generated by a horizontal electric dipole near the surface of a planar perfect conductor coated with a uniaxial layer," IEEE Trans. Antennas and Propagat., Vol. 53, No. 10, 3191-3200, 2005
- [20] Edward C. & Balmain, Keith G. Jordan, "ELECTROMAGNETIC WAVE AND RADIATING SYSTEMS: Second Edition", Prentice-Hall, 1968
- [21] Jahn, R.G., "The persistent paradox of psychic phenomena: An engineering perspective". Proceedings of the IEEE 70: 136–170, February 1982
- [22] Whitson, T.W.; Bogart, D.N.; Palmer, J.; Tart, C.T., "Preliminary experiments in group 'Remote viewing'". Proceedings of the IEEE 64: 1550–1551, October 1976
- [23] Kogan I (March 1968). "Information theory analysis of telepathic communication experiments", Telecommunications and Radio Engineering 23 (2): 122–125
- [24] J. Millay, "Multidimensional mind: Remote viewing in Hyperspace", North Atlantic Books, Berkeley, California, 1999, ISBN: 1-55643-306-9
- [25] Mike Breaux, "Identity Theft: Reclaiming Who God Created You to Be", Zondervan, 2008
- [26] Puthoff, H.E. and Targ, R. "A Perceptual Channel for Information Transfer over kilometer distances: Historical perspective and recent research.", Proc. IEEE, Vol. 64, no. 3, 329-254, 1976
- [27] Gray, Chris Hables, ed. "The Cyborg Handbook", New York: Routledge, 1995
- [28] John Johnston, "The Allure of Machinic Life – Cybernetics, Artificial Life and the new AI", The MIT Press, 2008
- [29] Rabinovich Z. L., "Thought mechanisms and intelligent computers", Kibernet. Sist. Analiz, No.3, pp. 69-78, 1993
- [30] Rabinovich Z. L., "Natural Thinking Mechanisms and Computer Intelligence", Cybernetics and Systems Analysis, Vol. 39, No. 5, 2003, pp. 695 – 670
- [31] Giulio Benedetti, (2006), "Operational Noology as a new methodology for the study of thought and language: theoretical aspects and possible practical applications", Cognitive Processing, Volume 7, Number 4 / December, 2006, pp 217-243, Springer Berlin / Heidelberg
- [32] A. Cangelosi, "Evolution of communication and language using signals, symbols and words", IEEE Transactions on Evolutionary Computation, Vol.5, Issue 2, pp.93-101, ISSN: 1089-778X, 2001



- [33] Reji M. Issac, "Communication and Control through Words and Power", Advanced Materials Research, MEMS, NANO, and Smart Systems, Vols. 403-408 (2012), pp.982-993, ISBN: 978-3-03785-312-2, Available: <http://www.scientific.net/AMR.403-408.982>
- [34] Ashby W. R., "Design for a brain", Chapman & Hall, London, 1954
- [35] "Magic Words: How Language Augments Human Computation" in P. Carruthers and J. Boucher (Eds) LANGUAGE AND THOUGHT: INTERDISCIPLINARY THEMES (Cambridge University Press: Cambridge, 1998) P.162-183
- [36] Maxwell Maltz, "Psycho Cybernetics", 1960, Pocket Books, New York, USA, ISBN: 978-0-671-70075-1
- [37] Reji M. Issac, "Development of an Indigenous Brain-Wave Machine", Government of India-UGC Minor Research Project Report, 2010, Delhi
- [38] Reji M. Issac, "Development of an Indigenous Brain-Wave Machine", Government of India-UGC Minor Research Project Report, 2010, Delhi.
- [39] Norbert Wiener, "The human use of Human beings – Cybernetics and Society", DA CAPO PRESS, Houghton Mifflin Company, Boston, 1950
- [40] Jim Robbins, "A symphony in the Brain: The Evolution of the new Brain Wave Bio feedback", Grove Press, New York, 2008, ISBN-0-8021-4381-4
- [41] Herb Thompson, "Cyberspace and Learning", Electronic Journal of Sociology (2002), ISSN: 1198 3655
- [42] Druckman, D. and Lacey J.I., "Brain and cognition: some new technologies", Washington, D.C.: National Academy Press., 1989
- [43] Mike Breau, "Identity Theft: Reclaiming Who God Created You to Be", Zondervan, 2008



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