Cognitive Resonant Communication by Internal Speech Through Intelligent Bioinformation Systems

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Abastract

A person is simultaneously in material, ethereal and spiritual environment. It is connected to the material environment by gravity. In the ethereal environment, he is capable of levitation. In the spiritual environment, he is perfected to the likeness of the Creator. A person's thoughts have a spiritual essence. Thinking initiates inner speech, which generates gravitational waves. The research is devoted to communication through internal speech, the direction of the development of new technologies and interdisciplinary research on cognitive communication by internal speech in the ethereal environment at the damage of gravitational waves. The transition to cognitive communication based on natural technology will save resources on digital means of communication, and will also help to solve the problems of information interaction through the noosphere.

Key Words: Internal speech, gravitational waves, ethereal auditory receiver.

Introduction

The natural information space reflects the outside world and serves as a source of information and knowledge for a person. It exists independently of a person and contains descriptions of the surrounding world. However, the cognition of this space is carried out on the basis of the tools that a person owns. With the development of science and technology, the tools are being improved. This expands the natural information space as a source of knowledge of the surrounding world. The information field is embedded in the information space. Space is a passive representation of the surrounding world. The field contains some quantitative and qualitative characteristics of the space. The information field connects the material dynamic world in all its manifestations with the spiritual field. The information environment is embedded in the information field and in the information space, but is a smaller object in scale. The information environment is a part of the information field for which information interactions affecting the object of research are essential. The semantic environment of the object of research is an even smaller object in scale, which is embedded in the information environment and is closely related to the object of following. The semantic environment makes it possible to develop algorithms for finding the truth domain. Semantic analysis of objects of the information field by the human mind is performed using their semantic environment.

The human mind was functionally created by the providence of the Lord in the image and likeness of His Wisdom. Wisdom created and develops the Universe. The mental field of the mind of a perfect godlike man, gradually expanding in the knowledge of the cosmos, will be able to cover the universe in time and space [1]. The mind, concentrating on various entities of the surrounding world, interacts with them on the basis of wave information, exploring them. Exploring the world around us is an innate ability of every person.

All the information in the universe is contained in one place. This is an information field that is outside of time and space, that is, everywhere. It contains all the history, all the knowledge. It exists and connects all beings and all events taking place in the universe. This information field

is at the highest frequency, so it is very difficult to connect to it from our spiritual level.

It is necessary to move the mind to contact with the soul and its development in the spiritual realm. A spiritual person automatically moves to a new qualitative level and transfers his soul from the category of passive to active, which can request information from the information field and use the noosphere. A person develops the ability to exchange information with the help of internal speech at the level of gravitational waves.

Thoughts possessing spiritual essence, in the mental field of the mind, initiate internal speech using the technology of etheric resonance with the emission of corresponding semantic gravitational waves. Gravitational waves of the inner speech of the mental field of the righteous mind of a spiritually bright person, directed at another spiritually bright person in his likeness, are perceived by his mental field of mind, according to which the light spirit initiates the corresponding semantic inner speech [2]. Semantic information enters the brain in the form of clear insights and a new understanding that has come. Waves of energy carry informational images.

Natural Communication by Ethereal and Gravitational Waves

Researchers and writers have recorded many cases of kinship, creative and spiritual rapprochement of people in different parts of the world when there were no modern means of communication. The natural means of communication were ethereal and gravitational waves. Ether waves brought together creative people working on the same information field of the Universe. Close relatives were brought together through a genealogical energy field. Spiritual rapprochement is carried out through the Spirit of the Creator. And he who unites with the Lord is one spirit with the Lord (1 Corinthians 6:17).

The universe was created by speech vibrations according to the laws of harmony. The word causes the vibration of matter, from which all forms are created, and initiates an activity that characterizes even an atom of substance. When our mind creates or evokes any thought, the pictorial sign of this thought is imprinted by a gravitational wave, which is a mirror of all manifestations of Being. To utter a word means to evoke a thought and make it exist. The

gravitational potentiality of human speech is the beginning of every manifestation in the invisible World. Things for each of us are what the Word makes them by naming them. Understanding the properties and attributes of thought is very important for cognitive communication researchers. The creative force, continuously working on its task of transformation, produces internal speech in the form of vibration speeds. Although we do not hear it in detail, it still becomes audible to us in the material plane through gravitational waves. According to the recognition of science, this is the real basic tone of Nature. We clearly hear it in the voice of Nature, in the roar of the ocean, in the rustle of the foliage of a large forest, in the distant noise of a large city, in the wind, hurricane, whirlwind - in everything in Nature that has a voice or produces sound. The speech that gives rise to various essences belongs to that which is neither Time nor Space; it is outside of everything manifested, the Source of everything that is.

The human being also has an etheric body, which is positive in relation to the negative physical body and which brings it into activity and acts as a binding force, supporting its existence. The human etheric body is an integral part of the planetary etheric body, forming its most refined and most developed aspect. Everything - any form, any organism in any form, all aspects of manifested life in every kingdom of nature - everything is closely interconnected through the planetary etheric body (whose constituent parts are all etheric bodies), which underlies everything that is. The etheric shell of a person is directed to the Spiritual world. Today it is important to focus on the spiritual nature of man, because physical nature itself is the result - consequence of spiritual activity.

The prototypes of all things, as well as their elements, are in the boundless ether, where they originate and change. Ether is the converter of all existence and all existing forms. There can be no movement without ether. Ether determines the composition of bodies. If ether did not exist, it would be impossible to change the composition of the substance. Ether connects the Sun and all the planets, planet to planet, man to planet, man to man. Without ether, there could be no messages in the entire Universe.

The person you are talking to is all included with you in the giant circulating life of the planet, flowing in, flowing out and flowing out of every aspect of formal nature. The only

difference between them is the difference in consciousness; this is especially true of human consciousness. In reality, there is only ONE LIFE flowing through a mass of forms that make up the Universe in their sum.

Communication between representatives of the Universe is carried out by living wave information. The living information of person are accumulated and stored in the form of holograms. The novelty is revealed by the coordination of holograms through the holographic scenario of the development of the Universe in time prescribed by the laws of the Creator. Coordination of holograms is carried out in the ethereal field depending on the spiritual state. Spiritual people activate ethereal energy, that covers the entire Universe and participates in all processes. The prayer of the Jerusalem Patriarch to God on Easter in the Cathedral of Christ the Savior activates the ether energy in the form of sparking ether (the descent of a non-burning fire).

Gravitational waves semantically naturally connect spiritually perfect people by internal speech communication. The Holy Spirit spoke through the prophets. Communication by internal speech can be carried out at the level of gravitational waves of the speech range. The transmission of information by aliens is carried out through the system of internal speech.

The structural forms of the nano gravitational mass will make it possible to create schematic diagrams of transmitters and receivers of gravitational waves. Gravitational waves are the inner speech of the universe, signals of which propagate at an equivalent frequency of internal speech of a person. This will allow in interstellar space make spirit galactic communication based on gravitational waves passing the galaxy due to superluminal speed in an acceptable short time. Sincere prayer of the energetically inflamed soul in spirit to the Lord is instantly delivered by its gravitational wave to the keeper angel (heavenly servant of the Lord). Gravitational waves are created by precession of magnetic moments, like dynamic longitudinal waves in an ethereal medium [3]. The propagation of a gravitational wave represents the longitudinal deformation of an ethereal field at superluminal velocity due to its super powered vortex energy. The ethereal field responds instantly to deformation.

To achieve the gravitational technological success of galactic communication and gain access to the Universe, humanity must move from consumer life to spiritual way of life. The spirit creates forms of interaction and movement depending on the state of the spirit of the person and society as a whole. The Light spirit improves the quality of the temporary etheric shell to the state of eternity with sensitivity capable of detecting weak gravitational waves. With the spiritual structure of society, perfect people, successfully using the possibilities of technology and nature, will be able to communicate by internal speech at distance on the basis of gravitational waves.

Good righteous thoughts give rise to inner speech, which in the mental ethereal field initiates appropriate gravitational directional waves for the target spiritual ethereal auditory receiver. The ethereal auditory receiver of gravitational waves of the speech range is the ethereal shell of the auditory organ. To perceive gravitational waves of internal speech, a person needs to achieve the appropriate sensitivity of the ethereal auditory receiver. Then a semantic dialogue of internal speech is established between talking people using gravitational waves. The sensitivity of the ethereal auditory receiver to the perception of gravitational waves of the speech range is maintained by a light spirit. The Holy Spirit of Jesus Christ supported the recognition of thoughts from gravitational waves initiated by the internal speech of others.

The ether has an information structure. Ethereal energy can take any form of vibrations, can be divided into portions and turn into speech gravitational waves in accordance with the nature of the impact of internal speech. When internal speech vibrates in the etheric circuit, energy from the ether is pumped into the circuit and causes the propagation of speech gravitational waves. Waves arise in the etheric circuit according to the nature of the external influence, in accordance with the internal speech, speech gravitational waves are generated from the gravitational subject. The indicator of structural transformation is number of quanta of energy that is necessary for its transition to another quality. Based on the idea of the reality of the existence of an ethereal informational energy structure, humanity receives the key to a new, unexplored, but understandable process of generating energy and waves of a new quality from the ether. The main resource of ethereal information includes all the variety of possible natural processes reflected in the

energy structures of the ether, which contains everything that was, is, and is also planned to be. We get an idea of the invisible structural elements of the universe from the mental experience of cognition.

The energy of the ether can have a resonant character, then a vortex wave arises. Speech gravitational waves enter into resonance with the noosphere by bringing the energy-informational double into the noosphere. With good sensitivity of the etheric body, people feel the gravitational energy flows of the noosphere. Through the noosphere, speech gravitational waves are perceived by the recipient with sufficient spiritual sensitivity and activate the corresponding meanings in his neuro structures of internal speech. Internal speech has a quantum conveyor character. Each portion of internal continuous speech by the subject source generates speech gravitational waves.

Technology of Cognitive Resonance Ethereal Gravity Communication

Omnipresence makes interaction between minds possible. Omnipresence has its basis in the substance of the universe, which scientists call ether. Gravitational energy, emanating from any mind, circulates through the etheric body of a person. The ability to communicate is inherent in the nature of the substance itself. It is potentially peculiar to the ether. Due to the interaction between the minds, a gravitational wave is born, which can be registered by the brain. The sensitivity of the brain gives rise to the quality of connectivity that unites the transmitter and receiver and ensures the coherence of the entire dialogue and messages that are transmitted. The sensitivity of the cognitive speech substance increases at the spiritual level.

Gravitational cognitive speech flow is a consequence of the dynamics of the ether. The ethereal medium of standing waves of internal speech generates a gravitational speech flow. Cognitive ethereal communication has a resonant nature. Resonant communication is a special form of interpersonal communication based on cognitive quantum information. Resonant communication has both integral characteristics inherent in communication as a whole: addressee, addressee, message, pragmatic intention, impact on the recipient of information, and a number of specific features. Resonant communication can be both verbal and nonverbal. Ethereal communication technology implements the transmission of new cognitive information

by quanta. Cognitive quanta move in a stream. Atoms of ethereal shells both absorb ether quanta and emit ether quanta. The emission of cognitive quanta by an ethereal source is initiated by internal speech. The gravitational field of the electrons of the ethereal receiver is captured by these cognitive quanta.

A person implements the functional of an intelligent sensor network for the perception of cognitive quanta. Semantic detection of speech communication is performed by the mind. The sensory function of speech communication is performed by the soul and spirit of a person. Semantic holograms (spiritual information) accepted by the spirit are activated by the soul through the neuro-speech system, initiating the process of thinking and inner speech. Gravitational waves of inner speech (short duration source) are generated by thought, break away from the etheric shell of the soul and freely spread in space. Their value can be determined by solving equations describing the loss of energy caused by a gravitational pulse. Gravitational waves have a very small magnitude that is difficult to register.

Gravitational waves of inner speech are an expression of thinking. Thinking forms a semantic field. The process of thinking generates gravitational semantic waves of inner speech. Semantic gravitational waves of society determine its spiritual space-time state. Noises from the activities of society and its spiritual state reduce the sensory sensitivity of perception.

Technological support of natural communication provides the necessary sensitivity of semantic perception by the neural systems of the brain of the receiver of semantic holographic patterns of gravitational waves of the internal speech of the transmitter.

Communication by gravitational waves is carried out in the presence of four conditions: 1) emitter; 2) carrier; 3) repeater; 4) receiver. At the appointed moments of the dialogue, it is necessary to reproduce in imagination the recipient's voice, intonation and manner of accentuation. The direction of thought transmission and reception through the noosphere is switched on [4]. We are all connected with the noosphere and are its constituent parts. Individuals who live by themselves outside the noosphere. The only question is what status each of us

has in the internal hierarchy of the noosphere. And it is better to have the status of an accomplished person in its carrier of human type of mental structure, whose will and creative potential are subordinated to conscience [5]. Spiritual and moral laws are expressed in the controlling influence of the noosphere. These patterns are called religious noospheric by their carriers, repeaters, through which they affect people [6]. Spirituality and morality are the regulator of the relationship of the owners of the mind. Cognitive communication requires that the parameters of its own radiation correspond to the object of influence — according to the composition of the specific fields emitted, according to their frequency characteristics, according to the modulation of radiation as a material object with some meaning (i.e., information and its coding system, algorithms for its transformations).

Promising scientific research in the field of nano and neuro technologies allows the development of nanoneurosensors with energy detector of semantic information, that increase the sensitivity of the ethereal auditory receivers for the perception of gravitational waves of internal speech of the mental field of the righteous mind of a spiritually bright person [4-7]. With the help of holographic and spectroscopic cryptoalgorithms, the semantic information energy detector reveals the possibility of activation of internal speech by the corresponding brain neurosystems and perception of the content of incoming speech gravitational waves [8]. Sensor network with in-line cryoalgorithm of detecting block semantic units of gravitational waves of the internal speech of the transmitter activates the internal speech of the recipient. The sensory network contains a universal decoder of linguistic meaning based on brain activation [9]. It performs speech synthesis based on neural decoding of spoken sentences [10-11]. Also, decoding of spoken language using intracortical electrode arrays in the dorsal precentral gyrus and syllable recognition [12-13]. The sensor network contains a sensor for neural decoding of speech [14]. Imaginary speech can be decoded based on low-frequency and cross-frequency characteristics of intracranial EEG [15].

Semantic patterns can be described by combining analytical and numerical approaches that are able to functionally set all parameters for a wide range of possible configurations. The forms of gravitational waves can be constructed by solving the equations of the gravitational field using numerical methods of relativity theory.

Establishing Contact of Cognitive Communication by Intelligent Bioinformatic Systems

The turn has come to controlling space with the help of brain signals. Biointerfaces of several types are designed to help the wounded on the battlefield. To control drones, a virtual reality helmet "Svarog" was developed and entered service. The technology is used for remote control of all combat aircraft and armored vehicles. A device has been created that controls a combat fighter using the user's brain signals.

Biometric technologies are successfully used in law enforcement, civil registration, in the field of security of bank applications, investment, health protection and many other areas of activity. Biometrics uses a set of automatic methods of personality recognition based on physiological or behavioral characteristics. Currently, voice recognition technology is actively developing. The use of advanced voice identification systems is the most user-friendly authentication method that provides recognition at a higher level. Voice can be transmitted via any communication network: by landline or mobile phone, by wired and wireless virtual private network, by IP networks, radio networks. Voice identification and verification technologies are used when it is necessary to confirm whether a person is the one with whom cognitive communication is established. The received voice fingerprint is compared with the voice sample in the database. Voice biometrics makes identification possible anywhere at any time.

The modern priority in the formation of cognitive communication contact is the integration of the real and virtual worlds through the technology of recording signals of brain activity [19-20]. The state of the noosphere associated with the active activity of a person in the infocommunication space using biofunctional cognitive signals of a person allowed us to proceed to the implementation of a highly intelligent transdisciplinary technology for establishing contact of cognitive communication by bioinformatic systems. Bioinformatic systems carry out biocognitive control through neurocognitive information and sensory-motor biointerfaces [21-23].

Bioinfocommunication systems include local personalized

cyber-protected infoset modules integrated into networked global infoecosystems. The modules are adapted to remote wireless human control of surrounding and remote subjects through a cognitive bioinformatic interface. The speech bioneurointerface is designed to establish contact of cognitive communication by internal speech between subjects.

Bioinfocommunication systems with artificial intelligence of sufficient quality, safety and protection ensure stable contact of cognitive communication by internal speech between subjects.

The quality of artificial intelligence systems

The quality of artificial intelligence systems is determined by the degree of performance of the required functionality for solving specific tasks. The quality of systems with artificial intelligence is developed during the life cycle and includes actions carried out at the stages of development, creation and operation of these systems in order to ensure the necessary level of compliance with the required functionality. Evaluation of the quality of systems with artificial intelligence determines the trust in them at the physical level by confirming the requirements for their functionality. The acceptability of quality is determined by a criterion from a set of rules and conditions. The required functionality of artificial intelligence systems is determined by the standard [24]. The totality of the ranked values of the characteristics and parameters of the required functionality of systems with artificial intelligence, which determine their ability to meet the intended purpose, determines the indicator of their quality. Quality indicators are determined and confirmed during the testing and operation of systems with artificial intelligence. Measures and metrics are used to quantify the quality indicator [25]. The values of parameters and characteristics are revealed as a result of analysis and interpretation of test results. Confirmation of the values of parameters and performance characteristics of the required functionality ensures confidence in the system with artificial intelligence.

Safety of using artificial intelligence systems

The safety of artificial intelligence systems refers to an interdisciplinary field of research related to the prevention of accidents, their misuse and various harmful consequences that they can lead to, including technical problems, risk monitoring systems and high reliability.

The security of artificial intelligence systems is necessary for smart factories, health centers, cafes, services, vehicles, agriculture, defense industry, etc.

The development of a standard and criteria for the creation of systems with artificial intelligence that will be safe for humanity remains one of the urgent tasks.

The safety of the behavior of a system with artificial intelligence depends on its spatial, temporal, objective, visual and sound sensitivity within the boundaries of its use in the environment [26]. The practical use of artificial intelligence systems in various spheres of society requires the introduction of safety rules and criteria.

The security of systems with artificial intelligence can be ensured by crypto encryption of conditions, situations and areas of their application to prevent harm and damage in the field of action. The security of artificial intelligence systems is provided by protocols that are created by binomial mapping, symmetric encryption, message authentication and asymmetric encryption for the formation and transmission of a message to protect against unauthorized conditions of their use. The security system has a cryptographic key. Modern encryption algorithms operate with key sizes. The probability of recognizing a key is equal to the order of the factorial of its length. Modern ciphers are divided into two categories: in-line and block. The stream cipher is a random number generator, the output of which we add modulo 2 with our cipher text.

The encryption key is the initial value of the random number generator. The author of the article participated in the development of a random number generator for the water–air system for submarines. Of all the widely used block ciphers, two can be named DES and AES. DES now has a block size of 64 bits, and a key size of 56 bits. The block size in AES is 128 bits. AES key size is 128, 192 or 256 bits. As in DES, each round of AES has its own plug-ins. All of them are generated from the encryption key for the algorithm. Manufacturers of modern processors, Intel and AMD, have developed assembly instructions for implementing AES inside the chip.

Quantum crypto encryption is the most secure way. The BB84 cryptographic protocol is a secure communication method involving quantum mechanics components. The new generation of crypto encryption is based not on

mathematics, but on physics. Scientists in the field of atomic and particle physics have already entered the world of the basics of cryptography and use the laws of quantum mechanics to send messages of crypto protection that cannot be hacked.

In order to use artificial intelligence systems safely everywhere, standardization of their joint use was carried out. The standard case A.111 Application of Strong Artificial Intelligence - "ISO/IEC JTC 1/SC 42/ WG 4 NO 254 TR 24030, developed by the research center Naturalinformatics, helps to ensure the interface, compatibility and synergy of the safe use of intelligent systems in various sectors of the economy, industry and service [27]. The case for the safe compatible use of artificial intelligence systems has been approved by the Japanese Technical Committee for the Standardization of Artificial Intelligence and is an international standard.

Protection of artificial intelligence systems from unauthorized access

Methods of protection of systems with artificial intelligence from unauthorized access are applied software, hardware and technical.

Authentication and identification are performed when logging in. To perform these procedures, technical means are required, with the help of which a two-step identification and authenticity of the user's credentials is performed. It should be borne in mind that during identification, an identity is not necessarily established. It is possible to accept any other identifier set by the security service.

This is followed by authentication – the user enters a password or confirms access to the system using biometric indicators (retina, fingerprint, brush shape, etc.). In addition, authentication using USB tokens or smart cards is used. This option is weaker, since there is no complete guarantee of the safety or authenticity of such elements.

To protect the information stored in the system with artificial intelligence, multi-stage encryption and authorization tools are used. When booting the operating system, a complex password is used, which cannot be picked up by conventional methods. The possibility of a user logging in from the outside is excluded by encrypting data and using passwords to log in.

For particularly important devices, a trusted download module is used. This is a hardware controller that is installed on the computer's motherboard. It works only with trusted users and locks the device when trying to turn on in the absence of the owner.

Cryptographic methods of data encryption are also used, turning text outside the system into a meaningless set of characters.

To protect a system with artificial intelligence from malware, it is necessary to use antivirus applications, restrict access to certain sites on the network, and firewalls should also be installed. These measures provide protection to the system with artificial intelligence and allow you to keep it intact.

Natural ether technology of cognitive communication

The natural ethereal technology of cognitive communication is realized through the ethereal bodies by the internal speech of the inductor and the recipient by the concentration of mutual figurative attention. When attention is focused on the image of the human receiver, an ethereal resonant circuit appears and the connection through it of the etheric bodies of the inductor and the receiver. The impact of the activation signal on the ethereal auditory receptor of the receiver establishes the beginning of the dialogue. According to the parameters and characteristics of gravitational speech waves, the resonant ether circuit is tuned to the informational dialogue through bioinductors and bioreceivers. Bioinductors and bioreceivers from nanobiochips provide the necessary energy environment for receiving and transmitting gravitational speech waves. The end signal of cognitive communication interrupts the dialogue. The ethereal resonant circuit ceases to operate.

The high sensitivity of the connection between the etheric bodies and the mental field ensures stable cognitive remote communication by gravitational speech waves through the resonant circuit.

Scientific researchers began to penetrate into ethereal natural technologies and noospheric natural connection. New essential information links are established and

developed through the noosphere in the process of dialogue. Between the noosphere and the ethereal bodies sensitive to it, essential information communication is established by gravitational waves. The wave essential living information of the noosphere is transformed by the mental field into a speech semantic language equivalent.

Conclusion

The detection of gravitational waves is one of the biggest achievements done by physicists these last years. It has required long years of development, first from a theoretical, then from a technological point of view. Nowadays, the detections become more and more regular, as the detectors are still improving. Therefore, an increase in the number of data analysts, as well as an improvement of the techniques are important for the coming years. Devices for generating and receiving gravitational waves have already been developed. First of all, the device for generating and receiving gravitational waves contains a transmitter and receiver spaced apart in space, forming a communication channel, and the transmitter and receiver have identical antennas: one of them transmitting and the other receiving, while the transmitter has two chokes, a high-frequency transformer, two separation capacitors, a DC source, a high voltage source, the master generator and modulator, the receiver also has two chokes, a high-frequency transformer. The second invention of generating and receiving gravitational waves is designed to create new information channels of cellular communications, radio, television and Internet networks, including communication channels passing through conductive media such as metal screens, water and earth; for use in various industries and transport for the purpose of non-destructive testing of metals, composites and the material.

The conditions under which electromagnetism is capable of producing gravitational waves are determined. The tensor of the electromagnetic field creates a voltage energy, which, in turn, creates a gravitational field expressed using Einstein's field equations.

Gravitational wave science must evolve from the study of what has not yet been seen to an interdisciplinary field of research in which gravitational waves reveal the nature of human inner speech by silicon-based bioinformation systems [28]. Silicon biosystems will increase the body's conductivity. Silicon biosystems are capable of organizing the reception of information and energy flows of all dimensions. The crystal lattice of the internal environment will make it possible to receive and transmit gravitational waves very easily. The reception of gravitational waves will become part of everyday life and become a normal natural phenomenon.

The transition to the natural semantic communication of earthlings will solve a lot of environmental problems and will get rid of the clogging of the information noise of space. Natural communication with representatives of the Universe through ethereal and gravitational waves will allow you to fully participate in space exploration based on their experience. Numerous cognitive contacts of aliens with earthlings confirm the possibility of joint cooperation in space exploration based on natural technologies.

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