

Geometric Symbols of Letters of the Russian Alphabet

A Systematic Approach to the Problem

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Abstract—The analysis of graphic images of letters that are considered to be geometric symbols of a programming language in the environment of the information field of the universe are being considered. For Russian language, the possibility of reading the meanings of lexical units of characters, composed of ligatures traditional signs-symbols and of words as their abbreviation are discussed.

Keywords—energy; information; system; model; symbol; alphabet; letter; ligature

I. INTRODUCTION

For decades, modern humanity has been living in a post-industrial, global information civilization. However, in the public consciousness, it is still dominated by the "materialistic" worldview of the industrial age. The material substance of the world is considered a fundamental principle that randomly generates life on top of the pyramid where is the homo sapiens stand. The search continues for the intermediates between man and hominid. The language and the writing system are represented by the evolving invention of humans.

Now in place of the old scientific mechanistic paradigm, which presupposes the primacy of material substances, comes the informational paradigm. It is based on the paramount importance of energy-information in relation to its physical implementation: energy-information is the universal generative basis of the universe. At the same time, there was a new, systematic world outlook of the information civilization [1, 2]. In his scope, each object has a developing system - integrity, consisting of parts or subsystems united by a common purpose and knowledge-the memory of himself and functional General environment. It is the level of rationality of the system corresponds to its hierarchy.

Every system has a control center and is formed in accordance with uniting its subsystem goals. Goals set the system of higher hierarchies. The space is represented as over a system involving the lively and intelligent universe. Global Consciousness and the World-Mind is fundamental to reality. Objects in the world consist of informa-energy field

and its physical materialization, the primary information, and physical matter is secondary [1-3]. Being an open system - functional models of the universe, they develop in interaction with the environment with which it exchanges flows of information, energy and matter (IEM). In this cyclic process of four stages: growth, development, aging, and degradation.

The presence of external and internal EI-relations provides the vital functions of any open system, when the existence of a single information code, *a system-wide language of the universe*. This language ensures harmonious interaction of all hierarchical subsystems of the universe. In this sense one should speak of the property languages subsystems of the universe. It is obvious that each object has a name (this is his generalized description), without which it is impossible to transmit energy-information and to manage it from a unified centre.

The system approach should consider the humanity as a function of the universe, created for participation in the management of the world of things. Then, we remove the problem of the formation of mankind on earth and space colonists on one of the habitable planets. This is confirmed by the biology of man: bipedalism, increased sensitivity to the characteristics of the natural environment (temperature and air pressure, the need for a protective suit – clothing and shelter - house), the need for cooking, inadequate bone strength, etc. It is obvious that the earth colonists of the space civilizations, originally possessed by the magic of programming, had highly developed speech and writing. However, in isolation from the mother country and the geo-climatic disasters occurred, degradation of the cultural environment occurred. This has led to the loss of traditions and technologies, the collapse of one of the linguistic environment on the dialects-languages, and the simplification of speech and writing.

In the scope of the scientific paradigm of the unity of the world of ideas and world of things, ABC is regarded as the alphabet of the programming language of mankind code-based unified information system of the universe. In the work we are talking about the ABCs of the Aryans-the Ruses,

the inhabitants of the North. The traditions of ancient peoples and scientific research results of modern times allows to consider them as the descendants of space settlers in Hyperborea (The Great Tartary), language and writing which to a large extent retained the ancient Northern tradition [3, 4]. ABC provides transmission of civilizational matrix of the protoculture in generations. In this aspect, a systematic approach to the study of information symbols of the letters of the Russian alphabet is especially important and relevant, for as Confucius says, "the world is not ruled by ideas and thoughts, and signs and symbols".

II. TRADITIONAL GRAPHIC SYMBOLS OF THE ALPHABET

Accounting system characteristics of the object allows a deeper understanding of its properties and to obtain fundamentally new results. Any object should be considered as a target function of the universe, his private model for solving the task object. For its solution the object has a thesaurus of knowledge about themselves and the environment contained in its memory. In society this knowledge received from ancestors, preserved and transmitted through generations in the form of traditions. The graphic symbol is represented as a conditional image of an object or phenomenon, but unlike mark it is a generic image, a reflection of its semantic functions. It contains the idea behind the law, i.e. according to the figurative definition of N. F. Losev, "the very things". Every symbol has many meanings and its specific value is determined by the synergetic patterns, i.e. the context of application. He works simultaneously on multiple levels of consciousness (often superficially contradictory), so obvious and a specific interpretation is always incomplete.

The graphic symbols (GS) in the transmission and preservation of information as an intermediary use the surface of any materials (the prototype can be voluminous). In writing, this is used with the alphabet – the system of signs, consisting of symbolic elements. The letter and corresponding sound is the lexeme, i.e. the minimal unit of a programming language that have independent meaning. They usually have a numeric value. To understand the meanings of the GS, first of all, you should refer to ancient traditions, preserved in mythology, religion and the esoteric [5, 6]. Below is a description of the alphabet used in GS in the form of simple geometric elements and their combinations: circle, point, line, triangle, square, etc.

The circle – symbolizes the absolute, the fullness, the perfection, the wisdom, and the cyclic energy-information unity of nothingness and being. When the circle is depicted as an ellipse – the Golden egg, its sides symbolize the ascent and the descent, unfolding and folding. The compass is also considered to be an image of a circle. Numeric value range is 0.

Point to the symbol of the center, the source of life and un-manifested energy concentration, a quintessence of all characters, the beginning, and the sum of all possibilities. It is the essence, the indivisible, a fetus. The numeric value is 1.

Line (trajectory of a moving point) is a communication model that provides the flows of energy (E) and information (I) between the levels of the existence in both forward and in reverse. A straight line is synonymous with flying arrows, if the line is rounded – it has a smooth movement; a broken line is a sudden change of direction with a further slowdown. Vertical line movement goes from top to bottom, from Heaven to Earth. The horizontal line represents the movement from East to West, from past to future. This is the dividing line between Heaven and Earth. The numeric value of the vertical line as the point – 1. The two vertical lines is the number 2, etc.

The triangle is the symbol of the Trinity of the Universe, the seat of principles, reason and amount. In Vedism, it is Prav (P), Slav (S) and Jav (J), which is built from the substance the Nav. P (Law, Truth, Faith in reverse reading) is inaccessible to our understanding, the highest form of existence of the universe. S (word, power – reverse reading) is the power of the word, i.e. a project that implements the concept of P in the real world of J. The triad is a symbol of the harmony of the whole because it includes the beginning, middle, and end. A symbol of life in the Trinity - "heaven-earth-man". In Christianity, it is a symbol of the Holy Trinity. The triangle pointing up is male and solar sign, symbolizing the deity, wisdom, fire, climbing, the spiritual world, and air. The triangle top down is the moon and the female sign, symbolizing the descent, water and matter. The numerical value of the triangle is 3.

The square and rectangle are symbols of the incarnate of the material world of the four elements. It is a sign of order and stability, which symbolizes basic life spatio-temporal processes in the four dimensions of Earth. It is also the four phase States of matter, the four primary elements: solid (earth) liquid (water), vapor (air), plasma (fire). Numeric value is 4.

In the symbolism, the cross horizontal line of the earth (female) crosses the vertical ray of the heavenly (male), and the point of their connection is the center of rotation of life, the point of the world axis. The development and ascent is only possible through this center. In Aryan symbolism of the cross represents energy, light, motion (born and passing from past through present to future). The Tau cross symbolizes life, the key to spiritual power. In the higher meaning of the symbol of God.

The downward vertical symbolizes the movement Heaven-Earth. At the top — the world of ideas, light, male principle, and at the bottom — the world of things, the female principle, darkness. On the horizontal axis left side, the area of origin — associated with the unconscious and darkness, and the right side — with the desire to light and outcome. A line running from the bottom right and up, indicates the ascent to truth, the right way. St. Andrew's cross, with its two intersecting lines that mark the fall and rise, symbolizes the relationship of the two worlds. A six-pointed cross (like a hexagram) symbolizes the Sun and life. The Tau cross represents the permanent residence in the Truth.

While solar orientation of civilization development is positive clockwise (write words from left to right), the left link is for the original EI-stream (for the past), and the right for the future. The purpose is the expected result of the action, so her achievement reflects the symbols of the right part of the graphical model, but it is set to the left (consonant letter in a syllable). The crosshair lines (cross, oblique, direct) symbolizes the aspiration for eternity, unity of life and death.

Therefore, the order of symbols in a graphical model the letters from left to right specifies the sequence of actions in time from past to future. In this case, the left side (past) the meaning is often more important than the right. Leaning straight up from left to right represents the spiritual, mental and spatial ascent from ground level to the level of Heaven and vice versa. But when you read the meanings, it should be borne in mind. As pointed out by P.A. Lukashevich, changes in the location and the timing of the letters, adding and subtraction, transformation symbolism in the degradation of the cultural environment (chromate).

III. ANALYSIS OF INFORMATION MODELS OF LETTERS

The modern Russian alphabet is obtained by repeated reform (simplification) of the original. While in the early twentieth century, they reduced the number of letters and excluded their names (keywords).

The information content of Russian alphabet can be understood based on the study of graphic symbols of the letters with regard to their traditional types and names, still retaining its variants (Cyrillic, Letteric, Glagolic) and the meaning of the words Russian and other related languages in the light of the original Aryan mythology.

Systems theory distinguishes in the information environment of a hierarchical three-tier management structure consisting of conceptual (strategic), adaptive (tactical) and coordinating (operational) levels.

In the Vedic worldview it corresponds to the triad of control PSJ: Prav/Rule (P) – conceptual level of the rules; Slav/Word (S) – level ideas and projects; the Jav/Reality (J) is the level of physical implementation of projects, i.e. spatial environment of the macrocosm of things, built from the substance of the microcosm Nav/New "Fig.1". In other words, P is the Right, energy of the Justice, doctrine (the functional environment); S is the power of the word, the Information/Logos; the J is the world of things, matter under the power of the I-human.

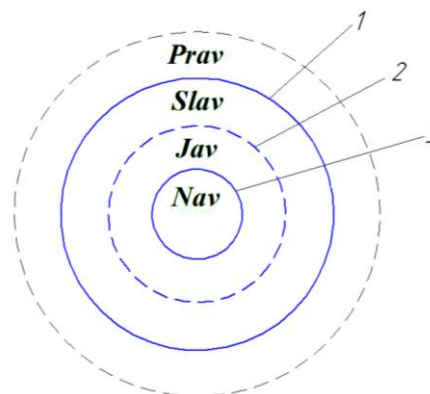


Fig. 1. The model of the triad structure of management of Earth (1, 2, 3 – the boundaries between levels of Prav-Slav-Jav-Nav)

The world of humanity is located between circles 1 and 3 in the environment SJ: range 1-2 – this world of ideas S, and range 2-3 – the world of things J. In the usual scientific sense of the space between the levels Praw and Naw is the biosphere, which is divided into the atmosphere and lithosphere and hydrosphere. The space above 1 and below 3 respectively the energy-informational environment of the cosmos and microcosm. Thus, in the energy-environment, World Consciousness (in our world and many other worlds) exists and is implemented towards project "Earth". In this project, humanity has operational control of the world of things and for this he is given language and script.

In a graphical model, three boundaries of the levels of control (the forms of existence of the universe) correspond to three horizontal lines (1, 2, and 3 from top to bottom), between which there is a graphic image of the letter "Fig.2".

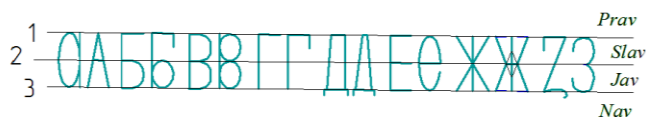


Fig. 2. Graphic images of the letters of Russian alphabet

The consistency property determines the arrangement of letters in the alphabet: in the beginning - the rules and concept further that there is a hierarchical development, concretization of meanings in achieving goals of evolution, and spiritual development of humanity. Pay attention to the possibility of the semantic reading of the alphabet by the names of the letters - on lines, rows and diagonals.

A separate letter of the alphabet is considered as a unitary lexeme, made up of interrelated parts ligatures-symbols (lines, shapes). The sequence of sounds/letters in words/abbreviations provides transmission of multi-level meaning of speech in the context of the cultural environment. As you read through the symbolism of letters, its traditional name, the meaning of key words, dialectal replacement of voiced and unvoiced vowels and consonants, omissions and transpositions of letters and the possibility of the reverse reading with a corresponding change of meaning are taken into account.

Below are the results of research graphical symbols a number of basic letters of the Russian alphabet with indication of the traditional type and name (in quotes).

The first letter of the alphabet *a*, А ("Аз/Az" - in old Russian the pronoun I, is the first principle), graphical image (GI) which has ligature symbols of two characteristic forms. First: circle/oval in the environment SJ and a vertical line to the right (digital visual image 01). Second: a compass with two legs of the image circle and triangle tip up in the environment SJ (digital image 0123). It is a symbol of the world egg, i.e., the initial concept of the project "Earth" (01), the unity energy-information dyad Oblivion-Genesis (2), but, at the same time, it is also the un-manifest triad P-S-J (3). Its well-known words: а!/ah! – clear the essence; аз/az – the first principle, the basis; ас/as – expert. And the ending in words denoting objects of the feminine gender, represents the creation – the woman creates new life upon the earth from the void. Az is absolute, i.e. the Subject, that creates everything out of nothing. Obvious numerical value of this letter – 1, i.e. the origin in the world of reality J.

The letter О ("Он/On" - in old Russian the pronoun He), GI is the circle/oval, i.e. the symbol of the object, as thing-in-itself in the eternal cycle of transformations. Numerical value of this symbol – 0. Its well-known words include: о!/oh! – the perception of deep meaning, he is a personal pronoun. The end "–о" in words denoting objects neuter, represents the uncertainty. Words ending in a consonant and denoting objects are masculine, earlier in the end raised almost unpronounceable vowel "Ь" - a symbol of constant communication with the world of things J with P, the male principle.

The second letter of the alphabet Б ("Бог/Bog" - in the reading of the ligature gives G-o-D), GI has ligature symbols of consists of a broken straight line with a Rule-based and semi-circle (half of the world's eggs) in space earth J - manifest, physical display of the idea-project "Earth". A digital image of this letter 2 is the binary polarization of the absolute Az. GI symbolizes the creation of the manifested, material world in constant connection with concept of the universe. This IE-flow provides the tactical control of the materialization of the Az-concept and the movement toward spiritual perfection. In Christianity it is the second divine hypostasis of God the Son, manifest the world of managing things. The property of binarity/polarity of the universe determines the syllabic structure of Russian speech (consonant-vowel).

The third letter В In the alphabet ("Веди/Vedi" in old Russian means to control, to be informed,), consists of two halves of the world egg in the space SJ and the combined channel IE-connection – vertical Heaven-Earth is on the left. It is the operational management of objects and processes in space in the world of things, provides information unity of the worlds of Heaven and Earth. A digital image the letter is 3. In Christianity, this is the third divine hypostasis, the Holy Spirit. Its well-known words include: в(о)/v(o) - in, connection way of penetration/implementation of; be in charge - to control, to know; to see, to observe.

Thus, the first three letters of the alphabet represent the expanded image of the great Triad of ancient civilizations [6]. Here is set concept, goal and project hierarchy governance structure.

The letter Г ("Глаголь/Glagol" in Russian is the part of speech denoting movement), which have poly-lines with straight verticals on the left, symbolizing the movement based at Prav with initial information connection Heaven - Earth (S-J). According to V. Dahl, the verb is the voice of God, i.e. the network managers IE-links providing for traffic management of objects of the worlds of ideas and things.

The letter Д ("Добро/Dobro" is a positive moral and material values, the result of the action benefits - goods), the rectangle (four) in the space S-E, based on Rule at the top and more towards N from the bottom. Digital image is 4 (3+1=4). This symbolizes orderliness, stability and reliability increasing at the expense of the microcosm Nav. Well-known words include: добро/good - benefit, property.

The letter Е ("Есть/Est" - to continue in the environment of the real world – to be, is), GI is composed from vertical and three horizontal line segments at the levels of PSJ. It symbolizes the development of the worlds of things and ideas in unity, genesis in space of the real world. Digital image is 5 (4+1=5). The meaning of the word "е!/est!" – yo!, to achieve the goal.

The letter Ж ("Животъ/GZhivot" - an active form of existence of matter in circular motion), GI has the form of a six-pointed cross and six spokes of the solar wheel. Intersecting inclined straight sides are superimposed triangles of the hexagram. It presents the unity of opposites (male-female, birth-death, rise-descent) in eternal development. Digital image is 6 (4+2=6). Well-known words include: жизнь/zhizn – life; шесть/shest – six; жена/zhenā – wife; ген/gen - gene.

The letter З, Z ("Земля/Zemlia" - solid ground for growing, living matter of the planet Earth), GI is a sign of the incomplete infinity sign with two open circles in the worlds of ideas and things. Symbolism – pending a cyclic process of development in the environment S-J. Digital image is 7 (3+4=7). Well-known words include: семя/semia – seed; семь/sem – seven; земля/zemlja - the earth as ground for the birth and growth.

The letter И ("Иже/Izhye" - and those with him), GI is two vertical beam, united ascending ramp to the right of continuity and development. It symbolized a harmonious connection and interaction of past and future, earthly and heavenly. The meaning of the word "и/и" – and, association, union, the emergence of a new object or quality. The letter "и(ы)" is used at the end of words for the formation of the plural.

The letter Н ("Наш/Nash" - belonging to us, possessive pronouns our), similar to the mark "И", has a static connection of the past with the future at the level of reality J. It symbolizes the connection of objects in the world of things, with the meaning depending on the location of the letter "О"

("оh-но"). Its well-known words include: он/on - he, Union with us; но/no – have the connection with another object or sense (reverse reading).

The letter М ("Мыслете/Myslete" - thinking), it GI is two verticals at the beginning and end, and between them inclined broken straight into the world of ideas. This symbolizes knowledge, linking past and future. Its well-known words: мысль/mysl – thought; смысл/smysl - sense.

The letter П ("Покой/Pokoу," - a state of stability, palm), GI is close to "Н", but the connection of the verticals are at the top. It represents a sustainable balance between past and future – based on P. a state of stability in the field of Truth, i.e. in awareness of the true meanings of life. Its well-known words: по/on – surface contact in motion, have half a stable horizontal support.

The letter К ("Како/Kako" - like), GI is vertical on the left and two radiating from the midpoint, i.e. a connection and development of two worlds – the heavenly and the earthly. Its well-known words: к(o)/k(o) – to, union connection (often incomplete, in progress); "как/kak" – how, clarification of the meaning.

The letter Л ("Люди/Ludy" - the community of people), GI is the compass of two inclined lines, based on the level of Navi and United on the border of the P-S. It symbolizes the cyclic process of development in the world of things, the closed community on earth/portrait; a kind of in-depth and secure space.

The letter Р ("Ръци/Rycи" - speech, IE-flow), GI is ligature vertical to the left and the semicircle in the medium S. Represents EI-the flow of ideas in the world of things, from top to bottom. Its well-known words: речь/rech - speech, река/reka- river.

The letter С ("Слово/Slovo" - the word, as a structural element of language, verbal expression of the sense), GI is an incomplete circle in medium SJ. It is the cyclic EI-process that is open to the future. Its well-known words: с(o)/s(o) - with, add, connection, interaction. It is cyclical IE-process of forming a community, open to the future.

The letter Т ("Твердо/Twerdo" - firm, constant), GI is a T-shaped cross with the vertical at the present time (middle) and relying on P. Symbolizes the constant EI-connection with Heaven. Its well-known words: то/to – to, motion to the object, firmly keeping; от/ot – from, movement from the object (reverse reading sense).

The letter У ("Ук/Uk" - call, cry), GI represents two flux converging on the border P-S, which symbolizes the connection in the present (middle) of two processes. One of them sloping from the border of P and contributes to the development of another to the highest level P. Its well-known words: ау/au! – a call to connection; наука/naUKa – science.

The letter Х ("Хиерь/Hier" - in old Russian means harmony, global balance), GI is oblique cross the intersection in J, i.e. God manifested. It symbolizes connection and

interaction of the IE-processes in the worlds of ideas and things. Its well-known words: "ах/ah", "ох/oh" - surprisingly conscious connection of the worlds of ideas and things; хор/chor - chorus (talking or singing community).

The letter Ю ("Юнь/Yun" - young), GI is a ligature of the vertical on the left and oval on the right, connected by a horizontal line on the border S-J. It symbolizes growth, development from the initial state to perfection. Well-known words: юный/youngiy – young, growing; юг/yug - south, a place where everyone is young, grows abundantly.

The letter Я ("Йа/Ya" - a personal pronoun I), GI composed of ligature in the space of J (the world of things) and in the space of the world of ideas of S. It symbolizes the process of human development in the world of things with the subsequent transformation into the divine-human state. Its well known words include: I – developed personality of a person. Probably this is one of the initial values of the letters "А".

Deciphering the symbolism of the letters of the Russian alphabet forms the basis of the reading of polysemic meaning of words of Russian language – language of the programming of society. The meaning of the word should be read as an abbreviation, by syllables. It can be assumed that initially the speech was raspini and rhymed. Syllabic construction of the words "consonant-vowel" delivers between the unity of two natures - the terrestrial and celestial female male. Here feminine (consonant) materializes the specified result, and masculinity (vowel) specifies a directional movement. In the syllable, the consonant is usually on the left (the past), and vowel to the right - because what is important is not the material result of a specific purpose, and the evolution of the spirit in the process of achieving it. The traditional names of the letters (key words) Russian alphabet to help you better understand the meaning of the abbreviation of the word.

Below are given some specific examples of reading the meanings of the words in Russian speech.

Азы/Azy – the basics "а" involves the erection/development of "з", where "ы" denotes the plural.

Ось/Os [axle] - fixed straight, around which the object is rotated (in a generalized sense is the engine, results in rotation, giving the energy of motion).

Азия/Azia [Azia]– past of the world, it is the place of formation of individuals (Я) perceiving "и" ideas of the world mind "Аз".

Бог(ъ)/Bog(o) [God] – in the scope of the principles and concepts P develops the ideas-projects S and implements/motivates them in the world of things J. EI is a matrix of space "Б" in the world of things "о", managing their development/movement "г(ъ)".

Бы/By – reference the possible multiplicity of actions/events by the will of the Sky (if, as it were).

Вера/Vera [Faith] – shows the permanent energy-informational connection Sky-Earth "ве" and the realization of the highest meanings of existence "па", which is required for execution (by inner conviction and sense).

Правь/Prav [Rule, Right belief] – are the high and stable EI-form of existence in the awareness of true meanings.

Славь (Слово)/Slav (Slovo) [Word] – EI-matrix of the process connection objects "сла-сло" (energy-informational structures) in the conduct of Р "вь-во", i.e. EI-matrix of the project/process that implements the concept of Prav [Rule].

Гон(ъ)/Gon [go] - fast movement "г" of some object "о" to connect to anything "нъ". Recall that the goal of the movement is to the right is the final letter in the word, and the vowel "ъ" in the second syllable is difficult to understand in modern grammar is not recorded.

Голось/Golos(o) [voice] – movable "го" and coming from some isolated cavity "ло" IE-stream thread that connects the objects/processes in the environment SJ.

Голова/Golova [head] - object as a movable "го" and an isolated cavity "ло", responsible for the foundations, which facilitates communication in environment and management "ва".

Люди/Liudi [people] - cyclically developing young community of people (лю) which increases the good ди).

Река/Reka [river] - flow "ре" which current to the fundamental principle "ка", i.e. a movement down to the base, to the big water.

Русь/Rus [Russia] – spatial and spiritual community that promotes interaction and improved. in the environment SJ.

В(о)/V(o) [in] – proposition in; penetration inside the object, being inside the object.

Но/No [but] – pronoun but; the object, the thing in itself "о", is outside the scope and the understanding requires the outputs for these limits "н-о".

Он/On [he] – the pronoun he; the thing in itself "о", identified and described previously, which is mentioned in connection with the previous description "н", i.e. the object communicates with another object "о-н".

На/Na [on] – preposition on; the position on anything "на".

Над(о)/Nad(o) [over] - preposition over; position or movement of things over the world "на-д(о)".

Нора/Noga [leg] – separate part of the body "но", intended for support on the surface of the object (на) and movement "га-го".

По/По [on] – preposition on; the movement on the surface of the object (on the field, on the water).

Под(о)/Pod(o) [under] - preposition under, when the object is located below the world of things "по-д(о)".

IV. CONCLUSION

Humanity, which is a structural component of the planetary solar system, should be considered as a target function of the universe. It was created to manage the world of things and equipped for this purpose with language and writing.

The alphabet is the energy – it is the informational matrix of the higher programming language and controls the world of things code-based unified information system of the universe. Along with language, it is received by mankind as a legacy of the highest culture of their ancestors and has survived in Russian culture, though in a distorted form, due to ancient Aryan traditions. Due to cultural degradation of society, the alphabet is used at present mainly as a system of codes to record of the voice information.

It is established that the letters of the alphabet represent the tokens, drawn up in the form of ligatures from well-known traditional symbols (lines, shapes) that provides transmission of multi-level meaning of words -abbreviations of speech in the context of the cultural environment.

Examples of reading the meanings of the letters of the alphabet and Russian words showed the effectiveness of the proposed decryption method based on synthesis of symbols constituting graphic images of the lexemes.

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