

Peace, Love, Harmony and Perfection are the Basic Components of Holistic Sustainable Development of the Nations and Civilisation

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Abstract

Nickolay Suvorov's book "Man of the Future. *Αρηστος Ανθρωπος* – 'The Perfect Man'" was published by International Publishing E.R.A., Moscow-Israel, in 2014 [1]. The book developed a basis for formation of a perfect man – a man of the future, as a holistic complex energy-informational essence.

The main result of the book was a scientifically formulated and quantified category of quality and perfection.

In this scientific work, the book is presented in the form of three essays: Essay of Peace, Essay of Love, and Essay of Harmony-Perfection. These essays are a collection of 150 short and capacious statements. We believe that the presentation of the book in the form of three essays: Peace, Love, Harmony-Perfection will promote the understanding of the essence and image of Man of the Future – the Perfect Man.

The Perfect Man can and must become a reality because the scientific criterion of perfection derived is harmony.

Harmony is a footing that will help transform Homo sapiens and form the Perfect Man – *Αρηστος Ανθρωπος*.

Keywords: Peace, love, harmony, perfection, perfect man.

1. Introduction

Our scientific research maintains that preservation and development of civilisation should be based on strict and unswerving observance of two Supreme Laws of development-evolution of the Universe and Cosmos, viz. the Law of Harmony of the CREATOR – harmony-peace – the Supreme ethical law and the Law of Harmony of GOD – harmony-love – the Supreme moral law.

The transformation of Homo sapiens, the birth of new Man, nation, and civilisation is possible only through harmony-peace and harmony-love energy – the energy of the CREATOR and GOD.

The new Man will be a manifestation of holistic harmony-love of people and GOD. By the labour of love, people, together with GOD, are able to work wonders and perform miracles.

The concept of *αρηστος ανθρωπος* is a wonderful gift to people from the SUPREME SPIRITUAL HIERARCHIES. However, donation demands knowledge of

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the principles of building the best things, i.e. optimal technical energy-informational devices, structures and systems already used in advanced troop and weapons control systems [1 and 2].

The energy-informational approach provides for analysis and synthesis methods established in exact natural sciences to shape new and perfect anthropological energy-informational images and systems – man, society, and the nation [1 and 6].

The research is built around the following axioms:

- energy – a unique essence of all Being;
- all things are reduced to the quantity and quality of energy – the energy of inner and external interaction;
- the quality of interaction energy is determined by the inner and external harmony of energy-informational images and systems.

It has been found that the mathematical interpretation of harmony of energy-informational images and systems of different nature – engineering, biological, anthropological, and animal organisms – is unique [1, 5, and 7].

Mathematically, harmony is a universal criterion of quality, optimality and perfection of energy-informational images and systems of different nature.

The principles and methods of quantitative assessment of harmony of different energy-informational images and systems are also unique.

Inner harmony is determined by the coefficient of the autocorrelation.

External harmony is determined by the coefficient of the mutual correlation [3 and 4].

2. Peace essay

In each person and not only in each one, but in all being, one can find World and Antiworld. Positive energy " + ", or Yang, is the foundation of World creation. Negative energy " – ", or Yin, is the foundation of Antiworld creation. These two energies are interrelated and it is impossible to isolate one from the other for each to exist independently.

How does Earth differ from other planets? First of all, by existence of very acute contradictions, which have connected with conflicting thoughts of people.

Earth is the place where contradictions are very intense, significantly greater than in many other places. Cosmos has created these contradictions for people on Earth with the express purpose for their modification in the fastest way. There is a multitude of such places in Cosmos.

Earth is a unique place. It serves as a powerful accelerator for perfection of humans along both positive and negative lines.

Contradictions are found everywhere and always. Nothing can exist without them. Without them there is no change, and hence, life.

The stronger the contradictions the faster go transformations and changes. It is important to avoid extremes, to be moderate, and to keep contradictions from becoming antagonistic ones. With this in view, reason was given to humans. Harmony should be present everywhere and in all things.

Ethical improvement of human personality is the process of maximising one's external harmony.

Harmony-ethics characterises the quality of energy of external interaction between humans and of humans with the environment.

The meaning of the term "ethics" can be understood with the help of Greek words:

ο συμβιβασμος (*simvivasmos*):

- concord, peace;
- reconciliation, agreement;
- concession, compromise, accommodation (politics);

συμβιβάζω (*simvivaso*): to reconcile, adjust, appease, bring to agreement;

η συμβια (*simvia*) – wife, spouse, creator and keeper of hearth and home, placidity and peace.

Harmony-ethics is external harmony. The content of external harmony is determined by the law of the CREATOR. The law of harmony of the CREATOR, the law of unity and harmony of opposites, or the Law of Conservation of Harmony can be stated as follows: the total amount of energy with the plus sign (" + ") and the minus sign (" - ") should be balanced, or equalised. Mathematically, the equality "+ + "-" = 0 should hold. This means that the mutual correlation coefficient for different energy-informational images should equal zero $r = + + - = 0$. The energy of external interaction of images according to the requirement of law of the CREATOR should be minimal and zero in the extreme case $E = E_0 r \rightarrow 0$, where E_0 is intrinsic energy of the image.

For there not to be self-destruction and self-annihilation due to violation of external harmony, structural, system noise, emotional and informational "dirt" between energy-informational images, and "noises of the nonorthogonality" should be absent.

The precept "Do no harm!" is the origin and foundation of proper ethical principles of human behaviour. The viability of this precept was substantiated by medical workers who proclaim and assert the Hippocratic Oath.

Easy disposition, tolerance and a humane attitude are key ethics virtues.

A human being should act in a way to do no harm to another person.

The Greek word *η ενγκρατεια* (*engkrateia*) means temperance, frugality, restraint, balance, and self-control. *Engkrateia* implies nurturing and self-cultivation of appropriate inner qualities and character traits. This implies an epoch of prolonged transition from Homo sapiens to the initial stage of development of modern Man, a perfect society, and perfect state.

A word close in meaning to the Greek word *engkrateia* is the Latin one *tolerantia*. Tolerance means being tolerant to other opinions, beliefs, and behaviour. It is a crucial human trait for establishing harmonious principles of interaction between people.

Peace is a crucial ethical category of harmony-ethics. Peace and love are two fundamental components of a proper world worldview.

Man, on his way, encounters joy, grief, love, hate, happiness, misfortune, heaven, and hell. All this is necessary for a proper and in-depth cognition of reality.

All people have to experience opposites to polish a human soul for transforming it to a diamond.

The perfect souls are those in whom information with opposing signs is in harmonious

equilibrium, i.e. holy souls.

Everything is focused to perfecting and polishing the human soul. When it is completely polished, it becomes part of GOD.

Do not believe that things positive are necessarily good and that everything negative is necessarily bad. The number of pluses and minuses should be equal and in harmony.

For a person to possess huge power and capabilities, one should maintain a high degree of equilibrium of Yin and Yang energies in superior bodies – the astral, mental and spiritual ones.

All things should be in equilibrium and harmony, in the "golden mean". It is so hard to find and maintain without slipping from this pinnacle neither to the right nor to the left. Both paths lead only downward.

It is always necessary to strive towards equilibrium between antithetical principles, this being an optimal alternative. In this case, energy-informational images and systems are the most viable ones.

Firm are only harmonious links. They are impossible if only one energy sign is present. To start with, it is necessary to maintain equality of interaction energies with a plus sign (" + ") and with a minus one (" - "). Love in big offerings is just as destructive as hate is.

In developing oneself and one's spirituality, a person is capable of accumulating ever more new information and, finally, to transcend physical laws and attain the GOD level.

In forming a word, logos, a scientifically substantiated worldview, and a Cosmotheory – the theory of development of humans and the World, a harmonised energy of interaction of man with the CREATOR and GOD, and energy of peace and love – man becomes GOD.

3. Love essay

Love is harmony, harmony with a model, ideal and GOD.

Peace is harmony, balance, and equilibrium with opposing sign energies and various energy-informational images. It is harmony with the CREATOR and the Law of Harmony of the CREATOR.

Love of GOD is manifested in love to all other beings. If people love other ones, they love GOD and receive the energy of love in response.

The energy of love possesses a high degree of harmony. It can heal a human being.

One should learn to love all things without exception. First, learn just to understand other things.

All human misfortunes stem from antipathy.

All the causes of illnesses are that people have failed to love anyone genuinely, even myself. To learn this means to abolish diseases.

The work of a healer, especially of a spiritual one, assumes love for people about us. Moreover, it is love for those who, due to their imperfection, are the patients.

Before attempting to heal others, learn to cleanse your thoughts, and then people will believe you and the effect of healing will be real.

Any physical plane illness is the purification of the spirit.

Until commitment of plus sign (" + ") energy will become a satisfying experience and

need, it is no worth to count on a significant health improvement. Only those energies have value, which have been acquired through the heart and harmonised by it.

Any grievance will stop immediately if the offender will exhibit one's care and love.

Love always supposes spending positive energy for the subject of love. Love heals, while hate, in contrast to love, cripples.

Love is what many people lack essentially. More often people witness love of oneself or selfishness.

Love forms high-quality positive energy – the energy of creation and formation, energy of life.

Hate forms negative energy and the energy of World destruction.

Earth has accumulated a wealth of hate energy, which is destructive. People lack love. We have to try to understand and love one another. Any manifestation of love restores harmony.

Going into extremes is always fraught with departing from harmony.

You should learn to find positive aspects to any event.

Perseverance and persistence, no fear, goodness and love for people about us will reap big awards.

Illness is bestowed on a human being when this person violates the harmony of Cosmos, a part of which this person is.

If a person takes much positive energy, this energy, by virtue of the laws of Cosmos, attracts negative energy. This is the law of Cosmos.

Many people believe that they can behave at will without limiting their horrendous egoism and selfishness, and, in so doing, feel themselves completely secure.

Without a scientifically substantiated philosophy, without analytically reasoning people, without a proper worldview a nation turns into a community of people without an inner content, and without a soul and mind.

All illnesses are caused by non-love. Learn to love others and they will give you their love, which will purify and heal you.

A person has to achieve complete healing by one's own efforts, by engaging the heart and mind, rather than being an eternal feeder on other more spiritually developed people. Another person's experience hardly teaches anything.

Learn to love others, help them, and they will give you their love, which will purify and heal you. Learn to cleanse your negative thoughts to build harmony.

It is necessary to learn to love all beings because there are no absolutely demonic ones. All people possess demonic elements. Demonism is a manifestation of the human ego without which a person cannot develop.

Love is the capability to understand the problems of another person and go against one's interests for the sake of interests of others, and to make the joy of others their own.

Love is creative, whilst hate is destructive.

Love for people about us is the secret of success in all things.

A loving people nearest and dearest will start healing. A loving person will stop being ill himself. Love can transform even a demonic being.

Harmony-Love forms energy of the highest quality and is capable of replacing the energy of another plane. A human or another being, in receiving love, gradually transforms and loses one's demonic qualities.

A loving person, above all else, tries to help materially a loved one or make this person's life easier. In doing so, the loving person will not think what he or she will gain in return.

Each loving person tries to help another one, often forgetting oneself.

To receive love, learn how to give it. The more a person gives the more this person will gain.

What is love of GOD? Love of GOD is love of all Being.

The energy of love has a high degree of harmony and it can heal a person.

Learn how to love others, and hence, give the energy of creativity with a plus sign (" + ") and experience a feeling of satisfaction.

Love is willingness to sacrifice positive energy for the well-being of others without thinking that it is a sacrifice.

Harmony-morality is inner harmony, harmony of Man with a model, ideal, and GOD. The highest level of inner harmony – harmony-morality – is love. Harmony-love ensures the highest quality of interaction energy between Man and GOD, thus forming the supreme personal traits – those of creation and creativity. The process of maximisation of inner harmony is the moral self-perfection of the human personality.

Harmony-love is the supreme level of harmony-morality, harmony of Man with a model, ideal, and GOD. It is the supreme quality, the highest amount of positive energy of inner interaction $E = E_0\rho = E_0$, $\rho = 1$, where ρ is autocorrelation coefficient, E_0 is intrinsic energy.

Harmony-peace is harmony with the CREATOR, balance, equilibrium of plus " + " and minus " - " energies, i.e. the essence of the law of unity and harmony of opposites. Peace is the highest ethical category of harmony-ethics. The energy of external interaction according to the requirements of the Law of Harmony of the CREATOR should be minimal $E = E_0r \rightarrow 0$, with the mutual correlation coefficient also being minimal $r \rightarrow 0$.

The essence of a perfect Man is a proper worldview, the highest level of harmony-ethics and harmony-morality – peace and love.

In all things, there should be an equilibrium of pluses and minuses, or harmony. All that is excessive will transform to its opposite with time.

Peace and love are the basic components of a proper worldview.

Peace is the highest level of harmony-ethics.

Love is the highest level of harmony-morality.

Love, love and love again is all that people need to heal completely.

How can a person develop one's love qualities? It goes something like this: you find a person who is not so attractive and appealing, to whom you feel neither love nor affection, and start cleaning the energy channel linking you to this person. You start by finding at least something positive in the person, however disagreeable he/she would seem to you, and you start expanding on this subject. This means that you try to say in your mind, and better still if you do this aloud, what is it in this subject that suits you. It is necessary to repeat these thoughts and words, accompanying them, securing the proper thought in your subconscious mind and the subconscious person you selected.

A positive thought yields a positive response. The person who earlier failed to evoke a good feeling becomes at once not so acid and sullen, and starts smiling, does pleasant

things, and pays compliments. Lo and behold! You see a person whom you have changed. It makes it easier to find new positive qualities in this person.

Start everything from this point. First, good thoughts, then actions confirming these thoughts: an ingenious smile rather than a false one; sometimes friendly embraces or a handshake with appropriate words and shining eyes; a skill in listening to another person if he/she will want to ask you a question or for your advice, and knowing how to do something pleasant for the person. This means doing what this person wants rather than doing what you deem necessary for him or her. Teach this person how to love oneself and the world because joy can be found in everything.

This is how spiritual and cordial relations with any person can be restored. Start with persons close to you.

4. Harmony-perfection essay

History has no examples of a nation's rising from ashes without a constitutive idea for the entire nation. With the ideas of harmony, beauty, perfection, and peace and love, we will not only rise from ashes but will give birth to a new human race.

The weakness in the development of modern civilisation is absence of a deep knowledge of morality and ethics, ethical and moral rules, norms and laws based on the Great Cosmic Law, the Law of Development, Law of the CREATOR, Law of the GOD, and the Law of Harmony.

Harmony is the Great Cosmic Law of Development, the Law of the CREATOR and the Law of GOD, the principle and technology of creation and creativity.

The history of Homo sapiens existence has shown that the spiritual and ethical-moral imperfection of human beings, and an underdeveloped worldview are a source of not only destruction of material and cultural values but also of total destruction and a razing through to self-destruction of both nations and the entire civilisation.

The ruin of civilisation starts with moral decadence and spiritual poverty. The modern epoch has not witnessed the development and introduction into human practice of a system of higher ethical-moral principles of human development-evolution based and built around the Laws of the CREATOR and GOD – Great Cosmic Laws, Laws of Development, and Laws of Harmony. This is manifested by the spiritual and ethical-moral imperfection of people.

The modern interpretation of ethics (from Greek *η ηθικη* – *itiki*) is a philosophical discipline studying ethics and morality. To date there is no precise and clear definition of the concepts of morality and ethics. Hence, often such statements are used: morality – see ethics, ethics – see morality.

It has been established that, from the scientific viewpoint, modern times have not witnessed a development of a system of higher, ethical-moral principles of life to be necessarily kept by each and every individual living in one environment, one energy-informational field, and space. Without assimilating supreme values and interaction principles, individuals and society become depraved and immoral.

Based on the Greek language and the concepts of ethics, philosophy and higher mathematics, the LOGOS HARMONY was developed. The underpinning of development of Man and Humanity is harmonised energy, and the combined energy of the CREATOR – the harmony-peace energy and energy of GOD – the harmony-love energy. Harmony is the basis of holistic sustained development of nations and civilisation.

Research has shown that the concepts of ethics, morals, and morality should be combined into

a unique whole with the concept of harmony by developing a new LOGOS: harmony-morality, harmony-ethics, harmony-love, and harmony-peace. This allowed for a reasonable formulation of the content of ethical-moral principles and of the essence of a proper worldview. The new LOGOS is capable of formulating a new form and content of many concepts of BEING. There is good reason to start research by establishing a scientific interpretation of the Law of Harmony of the CREATOR and the Law of Harmony of the GOD.

For the first time in the world, the concept of harmony has been developed from the ethical, philosophical and mathematical viewpoints, and the quantitative measure of harmony has been determined. Practical computations of harmony have been carried out for simple and complex energy-informational images of different nature – engineering, biological, and live organisms.

The scientific substantiation of harmony is capable of introducing revolutionary changes in many areas of vital activity of an individual and of all people. Mainly, it will help solve the problem of shaping a high quality and perfection of the human personality, and ensure holistic sustainable development of nations and civilisation.

Mathematically, it has been proved that the basis of development of Man and Humanity is harmonised energy, the combined energy of the CREATOR – harmony-peace energy and the energy of GOD – harmony-love energy.

Prosperity of a nation implies an aspiration to the summit, the highest point, a unification of energy, power and supreme ethics and morality in a harmonious entity. The high level of ethics and morality of anthropological beings generates the mathematical condition of orthogonality, which describes ideal energy-informational images.

Presently, a path, a way of advancement of Homo sapiens to form a new Man, a man with new qualities, principles, rules, laws of entire life, and a man of the future – a perfect man – has been substantiated.

The general definition of a perfect man is as follows:

A perfect man, according to the maximum harmony criterion, is a person embracing harmony and striving to achieve ideal (or complete) harmony. Hence, the perfection criterion is harmony.

A perfect man – *αριστος ανθρωπος* (*aristos anthropos*) – can and should become a reality because the criterion (measure) of perfection – harmony – has been substantiated scientifically. Harmony is the footing that can help change and radically transform Homo sapiens.

A perfect man possesses supreme ethical-moral qualities, viz. harmony-peace and harmony-love energies. Hence, to form a perfect man, one has to revive the WORD, transform HIM to LOGOS, fill the word with high-quality harmonised energy, the energies of harmony-ethics and harmony-morality, and harmony-peace and harmony-love.

Harmony-morality is an individual's inner harmony. It is a valuation of the person's worldview, inner content, character, disposition, and habits. It characterises the essence and quality of an individual and determines a human being's personality image and portrait directly.

Harmony-ethics determines external harmony between individuals. It is a valuation of an individual's worldview, though with account of a person's communication with other people and the environment. It characterises a person's social image, one's capability and skills to live among similar people, and be useful in a team and a collective.

Harmony-morality and harmony-ethics combined determine a person's holistic image and unveil one's individuality and social aptitude.

Personal (complete) harmony of an individual is the inseparable unity of inner and external harmony – harmony-morality and harmony-ethics. The supreme level of harmony-morality is harmony-love. The supreme level of harmony-ethics is harmony-peace. The ethical categories of peace and love shape the highest quality and amount of human interaction energy. Peace and love ensure formation of high-quality harmonised energy.

The underpinning of the scientific paradigm of creating the best optimal engineering energy-

informational images and perfect bioenergy-informational images is a unique methodology, viz. maximisation of inner and external harmony to ensure the supreme quality of inner and external interaction energy.

We substantiated a method for determining inner and external harmony of simple and complex energy-informational (bioenergy-informational) images – elements, components, structures and systems based on computing the autocorrelation coefficient ρ of model (ideal) $S_{ei}(t, c)$ and real $S_i(t, c)$ images, and the mutual correlation coefficient r between different images $S_i(t, c)$, $S_j(t, c)$, $i \neq j$, $i, j = \overline{1, M}$ is volume of image alphabets. Inner harmony is defined by autocorrelation coefficient ρ and external harmony is defined by mutual correlation coefficient r .

Scientifically, the categories of quality, optimality and perfection were formulated and quantitatively determined. It was proved that the universal criterion of the quality of inner and external interaction energy, and the criteria of optimality and perfection of energy-informational images and systems of different nature is harmony.

Harmony, which determines the quality and perfection of energy-informational images and systems of different nature, is written mathematically as two functionals:

- autocorrelation coefficient of real and model (ideal) energy-informational images – ρ ;
- coefficient of mutual correlation between energy-informational images – r .

Autocorrelation coefficient ρ determines inner harmony, harmony-morality, whereas mutual correlation coefficient r determines inner harmony, harmony-ethics.

Mathematically, the energy-informational image of a perfect man should satisfy the condition of orthogonality: autocorrelation coefficient $\rho = 1$ and mutual correlation coefficient $r = 0$.

The basic components of a proper worldview are as follows: belief, spirituality, and harmony; harmony of the CREATOR – harmony-ethics and harmony-peace; harmony of GOD – harmony-morality and harmony-love. This is the basis, the underpinning of development-evolution of man, nation and civilisation.

Harmony of the CREATOR and harmony of GOD give rise to harmony-ethics, harmony-morality, harmony-peace, harmony-love, external and inner harmony, and individual and collective harmony. Everything stems from the CREATOR and GOD.

The quality of the human personality includes the following:

- the level of a person's inner and external harmony, harmony-morality and harmony-ethics;
- the quality of the energy of a person's inner interaction with a model image; and
- the quality of energy of a person's external interaction with people about him and the environment.

The perfection of the human personality includes the following:

- maximal level of inner harmony – harmony-morality and external harmony – harmony ethics;
- highest quality of energy of a person's inner interaction with a model image – GOD; and
- highest quality of energy of a person's external interaction with people about him and between people as formed according to the Law of Harmony of the CREATOR.

The highest level of moral perfection of a human personality is determined by the conditions:

- harmony-morality achieves the harmony-love level, the autocorrelation coefficient $\rho = 1$;
- energy of inner interaction E of man with GOD – autocorrelation achieves the maximum positive level $E = E_0\rho = E_0$. This corresponds to energy-love.

The highest level of ethical perfection of man is determined by conditions:

– harmony-ethics achieves the harmony-peace level, mutual correlation coefficient $r = 0$;
 – energy E of external action – mutual correlation of man with people about him and between people by the Law of Harmony of the CREATOR achieves the level $r \rightarrow 0$, $E = E_0 r \rightarrow 0$.

This is harmony-peace, balance, and equilibrium between plus (" + ") and minus (" - ") energies.

The highest level of man's ethical-moral perfection is when man achieves the ethical categories of peace and love. Mathematically, this corresponds to the condition of orthogonality between energy-informational images: autocorrelation coefficient $\rho = 1$, mutual correlation coefficient $r = 0$.

Neither riches nor exalted idolatry of fans not is the goal of life. The goal of life of any person is self-development. If it stops, a person loses the sense of life and develops traits leading to one's self-destruction.

With increasing perfection, the duration of life of the physical body increases and it can be infinite in the limit.

Man lives eternally and only the forms of his existence, the level of embracing knowledge and capabilities change perpetually. No need to fear when eternity is at your disposal. No need to fear life if it is eternal.

No need to be upset in view of inevitable physical death. Each death is the beginning and the end. The end of the old system which unites the energies of interacting species is the beginning of a new system that combines forms of energy in a different way.

Scientific interpretation of the Law of Harmony of the CREATOR

It defines

- Balance and equilibrium of plus " + " and minus " - " energies, Yang-Yin;
- Harmony-ethics, harmony-peace.

It obligates

- to strictly observe the principle of interaction "do no harm";
- to ensure the "golden mean", the mathematical condition of orthogonality between energy-informational images;
- to exclude physical, emotional, mental, and informational "dirt" – the disharmony between energy-informational images.

The Law of Harmony of the CREATOR is harmony-peace – the Supreme ethical law.

Scientific interpretation of the Law of Harmony of GOD

It defines

- harmony-morality, harmony-love;
- highest quality of inner interaction energy.

It obligates

To form the highest quality of positive interaction energy to drive it to the supreme level based on harmony-love, the energy of creation and creativity.

The Law of Harmony of GOD is harmony-love – the Supreme morality law.

Harmony-perfection means:

– capability and skill to form a high quality of external interaction energy, thus creating a balance and equilibrium between different (Yang, Yin) energy-informational images according to the Law of Harmony of the CREATOR, and to form high ethical parameters: harmony-ethics and harmony-peace;

– capability and skill to form a high quality of positive energy of inner interaction of real energy-informational images with model, ideal images according to the Law of Harmony of GOD, and to form the supreme ethical level: harmony-morality and harmony-love.

A constant aspiration to harmony and perfection will serve as a secure underpinning for development-evolution and prosperity of the nation.

Ideally harmonised are orthogonal energy-informational images and systems.

Perfect energy-informational anthropological images, according to the criteria of maximum of harmony, are orthogonal images possessing supreme ethical-moral qualities, and energies of peace and love.

The energy-informational image (model) of harmonised individuals possessing supreme ethical-moral qualities mathematically is a system (set) of orthogonal components. This statement is the essence and basis of system analysis, system optimisation and system perfection.

Human spirituality is a degree of harmony (equilibrium) of Yin and Yang energies. The higher this equilibrium the higher is spirituality. Spirituality allows perceiving information with any sign, understanding a wolf that kills a lamb and the lamb that fears and hates the wolf. All these contradictions are needed only for one thing, viz. development of certain qualities in each being because without these contradictions there is no motion, development and life at all.

5. Interrelation of harmony, quality, optimality and perfection

The mathematical interpretation of harmony of energy-informational images and systems of various nature – engineering or biological, including animal organisms – is unique [1, 5, and 7]. **The principles of quantitative and qualitative valuation of harmony** of energy-informational images and systems of various natures are also unique [1, 5, and 7].

Inner harmony is determined with the functional of the autocorrelation coefficient ρ .

External harmony is determined with the functional of the mutual correlation coefficient r .

The operation of optimisation and perfection of energy-informational images and systems of different nature, according to the criteria of maximum of harmony, consists in solving the minimax problem: maximisation of the functional of autocorrelation coefficient ρ , ($\rho \rightarrow 1$) and minimisation of the functional of mutual correlation coefficient r , ($r \rightarrow 0$). This ensures the highest quality of inner interaction energy $E_0\rho \rightarrow E_0$ and external interaction energy $E_0r \rightarrow 0$ to achieve, as a whole, the highest quality and amount of total (inner and external) interaction energy $E = E_0(\rho - r) \rightarrow E_0$. The term $(\rho - r)$ determines jointly inner and external harmony.

Harmony is the universal criteria of quality, optimality and perfection of energy-informational images and systems of the various natures.

Optimality, quality and perfection of energy-informational images and systems of various nature, according to the maximum harmony criterion, mathematically is the orthogonality rule: the autocorrelation coefficient tends to its maximum value $\rho \rightarrow 1$, and the mutual correlation coefficient tends to its minimal one $r \rightarrow 0$.

The concepts of orthogonality and maximisation of harmony possess the property of isomorphism. The demand of maximisation of harmony is equal to the demand of ensuring orthogonality of energy-informational images. Orthogonality is the sufficient condition of linear independence of energy-informational images and the high quality of their mutual separation. Orthogonality is the mathematical interpretation of the ethical principle "do no harm", a balance

and equilibrium of "+" and "-" energies. In this case, $E = E_0 r = 0$ and mutual correlation coefficient $r = 0$. Autocorrelation coefficient $\rho = 1$ and the energy of inner interaction $E = E_0 \rho = E_0$ is positive and achieves a maximum value.

The total energy of inner and external interaction of energy-informational images achieves its maximum quality and quantity equal to $E = E_0(\rho - r) = E_0$, $\rho = 1$, $r = 0$.

Orthogonality – the mathematical rule of harmony – is determined by computing the autocorrelation coefficient ρ and the mutual correlation coefficient r .

The quality of inner interaction energy is realised based on inner harmony and harmony-morality of energy-informational images. It is computed using the autocorrelation coefficient ρ of a real image with a model one.

The quality of external interaction of energy is realised based on external harmony and harmony-ethics between energy-informational images. It is computed using the mutual correlation coefficient r .

An evaluation of the quality and perfection of energy-informational images of various nature is done based on complete harmony – inner and external, harmony-morality and harmony-ethics. It is computed using auto and mutual correlation coefficients ρ and r linked by the relationship $E = E_0(\rho - r)$.

The condition of Orthogonality for anthropological energy-informational images and systems is ensured by a high level of inner harmony, harmony-morality ($\rho \rightarrow 1$), and a high level of external harmony, harmony-ethics ($r \rightarrow 0$). As a whole, it is ensured by a high level of joint personal harmony ($\rho \rightarrow 1, r \rightarrow 0$).

The operations of optimisation and perfection of energy-informational images and systems according to the harmony maximum criterion consist in solving the minimax problem – minimisation of the functional of the mutual correlation coefficient (r) and maximisation of the functional of the autocorrelation coefficient (ρ).

A quantitative valuation of harmony of energy-informational images and systems of various nature are determined by two functionals simultaneously:

- the functional of the autocorrelation function (ρ);
- the functional of the mutual correlation coefficient (r).

The quantitative valuation of inner harmony consists in computing the functional of the autocorrelation coefficient. Valuation of external harmony consists in computing the functional of the mutual correlation coefficient.

Spiritual and ethical-moral imperfection of man is a source of destruction of both matter and material values, and of cultural values and a nation's culture. Complete, total destruction and razing occurs during revolutions and wars.

A developed spirituality and developed ethical principles of interaction of humans ensure formation of high-quality matter and dense energy. In turn, this has a beneficial effect on the process of perfection of fine energies – astral, mental, and spiritual of both a human personality and the nation as a whole.

Due to Fine energy quality, the heart, mind and spirit of people operate synchronously. This allows forming a high total energy potential of creativity and creation.

Spirituality and ethical-moral principles are the basis and underpinning of development-evolution of any person, nation and civilisation.

The goal of ethics and morality is to save humanity and ensure its holistic sustainable

development based on the Laws of Harmony of the CREATOR and GOD.

The supreme ethical law is harmony-peace.

The supreme moral law is harmony-love.

An ethical-moral victory is the result and outcome of achieving the highest potential of harmonised energy, including synergy.

An ethical-moral victory is the result of forming and concentrating the highest potential of harmonised energy.

One should understand and become much aware that development-evolution of the World is impossible without development-evolution of Antiworld.

The Renaissance epoch is that of the revival of religion along with art and science.

Renaissance-revival is an attempt to regenerate the rules, laws and canons of antiquity epochs and its high humanism coincident with GOD.

Realising the Renaissance-Transfiguration of man, the nation and civilisation is possible only with the help of harmony-peace and harmony-love energy – the energy of the CREATOR and of GOD.

Conclusion

Thus, scientifically were received mathematical formulas of basic components worldview.

1. The formula of inner harmony - harmony-morality.
2. The formula of external harmony - harmony-ethics.
3. The formula of joint (holistic) harmony.
4. The formula of harmony-peace.
5. The formula harmony-love.
6. The formula of the quality of human personality.
7. The formula of the perfection of the human personality.
8. The formula of the moral perfection of the human personality.
9. Formula of the ethics perfection of human personality.
10. The formula of optimality of the energy-informational images.
11. The formula of the quality of energy of inner interaction of energy-informational images.
12. The formula of the quality of energy of external interaction of energy-informational images.

The fundamental formula is Orthogonality condition.

And further

The modern epoch is not the time of renaissance-revival – it has passed.

Modern life is the epoch of Harmony-perfection, wherein civilisation should be preserved and developed by strict and unwavering observance of two Supreme Laws of development-evolution of the Universe and Cosmos as a whole:

The Law of Harmony of the CREATOR – harmony-peace – Supreme ethical law!

The Law of Harmony of GOD – harmony-love – Supreme moral law!

References:

- Suvorov N.P. *Αριστος ανθρωπος* – The perfect man. – M.: E.R.A., 2014. – 304 p.
- Suvorov N.P. System of channels formation and wired communications. Textbook. Publisher USSR Ministry of Defence, 1991. – 412p.
- Nikolay Suvorov and Irina Suvorova. Scientific basics of forming human quality and perfection to ensure holistic sustained development. *European Journal of Sustainable Development* (2015), 4, 1, 149-160. Doi: 10.14207/ejsd.2015.v4n1p149. ISSN: 2239-5938.
- Nikolay Suvorov and Irina Suvorova. The Concept of Holistic and Sustainable Development Based on Harmony. *European Journal of Sustainable Development* (2015), 4, 2, 227-234. Doi: 10.14207/ejsd.2015.v4n2p227. ISSN: 2239-5938.
- Suvorov N.P., Suvorova I.G. The Cosmotheory conceptions//*Medical Hydrology and Rehabilitation*. . – 2004. – 2, №3 – P.58 –73; – 2004. – 2, №4 – P.84 – 95; – 2005. – 3, №1 – P.81 – 96; – 2005. – 3, №3 – P.63 – 87; – 2007. – 5, №1 – P.41 – 52; – 2008. – 6, №2 – P.86 – 94; – 2008. – 6, №3 – P.154 – 162; – 2012. – 10. №3 – P. 93 – 108; – 2012. –10. №4 – P. 61 – 90; – 2013. – 11. №2 – P. 46 – 50.
- Suvorova Iryna. Developing the theoretical foundations of system optimization for addressing effectively energy security issues to ensure the strategy of Europe's integrated and sustainable development. Paper presented at the Special Forum & Exhibition on BEST OF EAST – FOR EASTERN PARTNERSHIP. November 28-30, 2011 WARSAW, Poland. 5th International FORUM Science & Technology Days Poland-East.
- Popovich I.L. Stress-limiting adaptogenic mechanisms of biological and therapeutic activity of NAFTAUSA water. Monograph. – K.: Publishing House Computerpress, 2011. – 300 p.