# Revolutionary technologies for the radiation of thoughts and biosignals in the PRK-1U, PRK-1UM, PRK-1UG devices to ensure eternal life for all: SCIENTIFIC AND PRACTICAL JUSTIFICATION

**1. The device of development of concentrations of eternal life PRK-1UM three-mode, created by Grigori Grabovoi, and the methods used in the device have a scientific justification for the use of a biosignal and the radiation of thoughts.**

**1.1. Evidence that human thoughts create a signal that can be detected by an optical detection unit, as well as the theoretically and practically proven, scientifically recognized basis confirming that thoughts generate a signal detectable by an optical detection unit.**

Scientifically proven and scientifically recognized theoretical and practical foundations that justify the creation of a signal by thoughts, which can be detected by an optical detection unit. Evidence of the presence of technical details of the configuration and functioning of a device capable of performing such detection.

**1.1.1. Objectively recorded biosignals interacting with the external optical and electromagnetic environment.**

Modern science confirms the existence of biophotonic and neurophoton emission produced by the cells of living organisms and by human brain activity. This emission represents objectively recorded biosignals that interact with the external optical and electromagnetic environment.

Confirmation of this is found in the following peer-reviewed publications:

- *Popp, F.A. (1992). Biophotons. Springer, Dordrecht. DOI: 10.1007/978-94-017-0928-6*

— it has been demonstrated that human cells emit coherent photons possessing quantum propertiesc.

- *Bókkon, I., D'Angiulli, A., & Vimal, R.L.P. (2010). Journal of Photochemistry and Photobiology B: Biology, 100(3), 160–166. DOI:* 10.1016/j.jphotobiol.2010.06.002

— it has been established that cognitive activity is accompanied by neurophoton emission perceived by the photon structures of the brain.

- *Persinger, M.A. (2012). Frontiers in Integrative Neuroscience, 6:19. DOI:* 10.3389/fnint.2012.00019

— it has been experimentally confirmed that human mental activity induces electromagnetic oscillations interacting with light and external fields.

**1.1.2. Proof from scientific experiments that thought is material and can manifest through radiation.**

Wave–particle duality is a property of nature in which material micro-objects can, under certain conditions, display the characteristics of classical waves, and under other conditions, the characteristics of classical particles.

Numerous scientific experiments have demonstrated that thought is material and can manifest through radiation, and that the power of thought is capable of producing many effects that can be recorded by objective means.

Physicist Boris Isakov established that human thoughts are material; moreover, according to his calculations, their mass ranges from $10^{-39}$ to $10^{-30}$ grams.

When speaking about thinking, it is impossible to ignore the phenomenon of consciousness and the specific nature of its interaction with the external world. According to academician Vernadsky, the influence of consciousness on phenomena occurring in real space must be acknowledged. And physicist C. Weizsäcker wrote that “consciousness and matter are different sides of the same reality.”

American researchers R. Jahn and B. Dunne, in their book Margins of Reality, offer the following considerations: “Physical theory cannot be complete until human consciousness is recognized as an active element in establishing reality.” Thousands of positive results of work with the PRK-1U, documented and published on social networks, confirm that human consciousness, expressed also through thoughts, is an active element in forming reality.

Modern science has determined that thought possesses an energetic potential capable of directly interacting with objects and subjects of the material world.

Scientists from the American University in Queens conducted an experiment in which volunteers sat in the center of a room while another person’s gaze was periodically directed at the back of their heads. Approximately 95% of the participants reported clearly sensing the effect of the gaze on them, describing it as “a fleeting pressure on the back of the head.”

The theory and practice of energy-informational structures are currently used to explain the principles of how human thought operates. Thought is viewed as a powerful source of informational programs which, when integrated into the organism’s energy-field structures, adjust the program of vital activity.

According to this approach, a person’s energy-informational structures are interconnected with other energy-informational structures.

To explain the energy-informational theory, Professor A.F. Okhatrin established the existence of particles called microleptons, from which thoughts are formed. The characteristics of these particles correspond to the emissions of the human body—biosignals. Such particles can freely pass through bodies and objects, transmit light, and even be perceived by the organs of vision.

Okhatrin succeeded in experimentally confirming the existence of microlepton fields. During the experiment, the researcher asked a female psychic to “emit a certain field,” transmitting information to her. The entire process was recorded by a special photoelectronic device.

The photographs showed how “something like a cloud separates from the luminous shell surrounding the woman and begins to move independently.” According to the researcher, such “thought-forms” in the form of biosignals, saturated with specific moods and emotions, are capable of influencing people.

The problem of transmitting thoughts over a distance has concerned several generations of scientists. As early as the late 19th century, the British physicist William Crookes mathematically substantiated a “wave theory” that assumed the existence of “etheric” waves of low amplitude that “penetrate” the human brain and can produce in the receiver’s consciousness an image similar to the original one.

Sigmund Freud also established the possibility of direct transmission of thoughts from one person to another. Through scientific experiments, he determined that one of the

properties of telepathy, as a rudimentary means of communication between people, is “a physical process that becomes psychic at both ends of the communication chain.”
American geneticist Bruce Lipton claims that concentrated thought, multiplied by genuine belief, can normalize matter. Lipton’s experiments showed that mental influence can normalize the genetic code of an organism, meaning it can manifest as a normalizing biosignal for genes.
In the late 1980s, the geneticist conducted experiments studying the behavior of the cell membrane.
In 2009, scientists from the United States and Argentina, based on the wave manifestation of thought, created a system for recognizing “mental speech,” capable of “voicing” thoughts using a special synthesizer. Thanks to this development, the researchers enabled a paralyzed young man to communicate.
Italian scientists went further and created a prototype of an electric wheelchair capable of moving in any direction solely through the power of thought. Project leader Matteo Matteucci explained that the wheelchair is equipped with a helmet that reads the brain’s electromagnetic signals and transmits them to the motor.
At the Institute of Radio Engineering and Electronics of the Russian Academy of Sciences, whose scientific director was physicist and academician Y. V. Gulyaev, a special video camera made it possible to record the wave radiation of thought.

### 1.1.3. Previously issued patents as the scientific and technical basis describing optical systems based on the transmission of the operator’s biosignal and the radiation of thoughts.

There also exist four invention patents issued to Grigori Grabovoi, describing optical systems based on the transmission of the operator’s biosignal and the radiation of thoughts, which form a direct scientific basis:

• **RU2148845C1** — *“Method for Preventing Catastrophes and a Device for Its Realization,”* published on May 10, 2000.

It describes an optical system containing crystalline elements arranged along the direction of radiation propagation and placed inside a glass sphere. The device is intended for predicting catastrophes within a specified area and uses the user’s biological signal, which is received by the optical elements. The scientific–theoretical justification and the experimental results that confirmed this justification are presented in the description of this patent.

• **RU2163419C1** — *“Information Transmission System,”* published on February 20, 2001.

This patent is based on the principle of similarity and describes a data transmission system with a signal transmitter that receives the radiation of thoughts, made in the form of spherical glass sensor elements, and a remote signal receiver. Such a design provides high reliability and noise immunity for biosignal transmission.

• **US 12,144,599 B2** – *“DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES.”* (The Device of Development of Concentrations of Eternal Life PRK-1U Three-mode).

The information provided in the claimed part of the patent and in the invention formula implements what is stated in the patent title. It is scientifically and practically proven and described in detail in the patent text, which contains the technology for ensuring eternal life for all through the development of concentrations.

• **1010960** - "*Η συσκευή είναι τριών τρόπων και μπορεί επίσης να αναφέρεται ως συσκευή συγκέντρωσης στην αιώνια ζωή PRK-1UM τριών τρόπων.".* (The device is three-mode and may also be referred to as the three-mode PRK-1UM concentration device of eternal life.)

The three-mode device for development of concentration detects the generation of biological signals and electromagnetic fields formed from electromagnetic waves produced by the user, in accordance with the principle of universal connection with goal-oriented control using artificial intelligence (AI).

Analysis of these patents shows that they substantiate the technical feasibility of a device including:

• an optical sensor block with one or more lenses;

• a system of sensitive elements configured to capture the user's biological signal and thought radiation;

• generation of an output signal based on the combination of the biosignal and electromagnetic interactions.

Thus, at the highest level of scientific and technological progress, which includes the four invention patents of Grigori Grabovoi — RU2148845C1, RU2163419C1, US 12,144,599 B2, and 1010960 — and on the basis of which the device of development of concentrations of eternal life PRK-1UM was created, a documented foundation is formed for the inventions PRK-1U and PRK-1UM, ensuring continuity and scientific–practical reliability of the device's operating principle. This also applies to the PRK-1UG device of development of concentrations of eternal life, which continues this line of continuity.

The inventive level of the registered utility model DE 20 2024 103 073 U1 by Grigori Grabovoi accelerates implementation and confirms the application of all methods for realizing the technologies.

### 1.1.4. Mathematical approximation of mental radiation using the concepts of "information signal" or "wave function."

Devices capable of automatically adapting to operating conditions, self-regulating, and performing complex tasks are also considered complex. The PRK-1U device, created in accordance with Grigori Grabovoi's invention patents "Method for Preventing Catastrophes and Device for Its Implementation," which describes the use of a biosignal, and the invention patent "Information Transmission System," which describes the functioning of a system of devices using mental radiation, self-regulates automatically within the electromagnetic field created by precisely calculated components of the device and by the optical environment in the form of lenses and the distances between the components and surfaces of the device.

In the physical–mathematical calculations for this, angular radiation coefficients are calculated using the reciprocity condition, which is applicable to any two bodies in space that exchange radiation.

By introducing the concept of "mutual radiation surfaces," one can obtain an expression for the closure condition. Considering a closed system consisting of three surfaces, the first surface can be regarded as emitting, after which one can determine the radiation energy falling on the second surface, as well as the radiation energy falling on the third and first surfaces.

This approach makes it possible to calculate the angular radiation coefficients between the elements of the PRK-1U.

The angular radiation coefficients are calculated using quadruple integrals by the Runge–Kutta method, which requires the use of high-speed electronic computing machines.

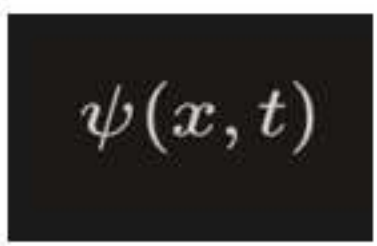
In each PRK-1U device, the arrangement of the lenses differs from the arrangement found in all other PRK-1U devices; therefore, individual calculations of the angular radiation coefficients are performed for every device. As a result of these calculations, not only are the three lenses placed individually on the surface of the device, but the arrangement of the electronic circuit components and optical elements on the threads inside the device's housing is also specially pre-optimized. Taking into account the weak radiation of thought ensures high calculation accuracy.

Mathematically, to calculate the processes described in the patent, an approximation of mental radiation is used based on the concepts of an "information signal" or a "wave function."

In physics and mathematics, information can be represented as signals that may be described using equations.

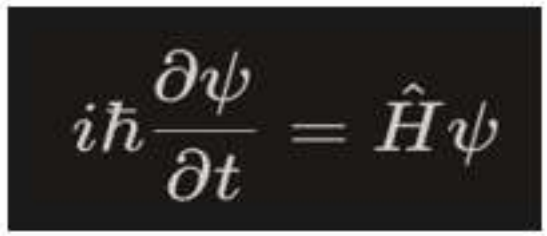
The following steps are used:

1.) "Mathematical representation of a signal": thought is represented as an information signal, which can be described by a wave function.



$$\psi(x,t)$$

2.) "Information transmission." The process of transmitting information is described using wave-synthesis equations. A known equation is used:



$$i\hbar\frac{\partial\psi}{\partial t} = \hat{H}\psi$$

Where

$$\hat{H}$$

The Hamiltonian of the system, which is used to model the evolution of the wave function over time.
To describe electromagnetic waves capable of carrying information, Maxwell's equations are used.
For the physical–mathematical model of information transmission, the principles of interference and coherence of waves are also applied.

### 1.1.5. Determining the mutual radiations that form the overall optical and wave model of the physical process occurring during the operation of the PRK-1UM.

There are known methods for recording the dynamics of thought radiation depending on the intensity of thinking and on the connection between thinking and the objects of thought. This makes it possible, by calculating a quadruple integral using the Runge–Kutta method, to determine the angular coefficients that allow one to identify the mutual radiations forming the overall optical and wave model of the physical process occurring during the operation of the PRK-1UM.
Since in quantum mechanics not only light but all bodies (including all microparticles, among them those belonging to the electromagnetic field) possess wave properties, the equation describing one of the physical processes in the PRK-1U has the form of the Schrödinger equation:

$$i\hbar\frac{\partial}{\partial t}\Psi(\vec{r},t) = \left[-\frac{\hbar^2}{2m}\nabla^2 + V(\vec{r},t)\right]\Psi(\vec{r},t).$$

Considering this physical process in connection with the equation presented in Grigori Grabovoi's published scientific work "Applied Structures of the Creating Information Area" — **E = V * S** (where E is energy, V is volume, S is the speed of perception of volume) — it becomes possible to calculate the energy and the speed of development of concentrations of eternal life.
Physics constantly employs idealized concepts such as material points, point charges, magnetic dipoles, and so on. In reality, masses or charges concentrated at a single point are never observed. When one speaks of a material point of mass 1, this is an idealized model of a sphere with sufficiently small radius ε and mass 1. If no other masses are present in space, the density of matter will be distributed according to a certain law associated with **δε(x)**.
In the theory of generalized functions, there is a definition of weak convergence of functionals. According to this definition, one can determine the dynamic process of interaction between the weak radiation of a thought element located inside a glass lens and its interaction with the matter and shape of the lens. The external form of the lens relates to macroprocesses and determines, for the emitted outgoing signal, the vector of its propagation.
By applying the theory of functions of a complex variable in the computational part, it becomes possible to determine how the weak optical signal of thought radiation, reflected inside the lens, exits the lens in an amplified form.

To describe the connections between microprocesses and macroprocesses, it is necessary to consider, as presented in the scientific work “Applied Structures of the Creating Information Area,” the applied creating structure of consciousness.

“Dividing consciousness into a perceiving and a non-perceiving part organizes two projections:

(3.3) **m(t)=m(x,y,z(x,y,z))** ,

(3.4) **m(x,y)=m(t(x,y,z))** ,

where m(t) is the mass (measurable) flow of time;

m(x, y, z) is the mass of space, under the condition that the z-coordinate changes when consciousness perceives an infinitely distant area.

The flow of the mass of time is connected with the change of consciousness in the control area according to the following relation:

(3.5) **t(m1,m2,m3)=t1(k3)+S(k3+278/(k1 +248-5*k) - 428*k2)** ,

where $m_1$, $m_2$, $m_3$ are projections of time onto the corresponding coordinates x, y, z;

t1 is the time of change of consciousness outside the area of direct (perceived and controlled) regulation;

S is the consciousness function;

k is the stabilization interval of consciousness when perceiving the formulas of the creating area.

(3.6) **k=m3(x, y, z(x,y))** ,

The mass of an event, measured as the total mass of all its elements, is distributed over the time interval according to the points marking the boundaries of this interval. Therefore, the connection between micro- and macro-level processes can be found at the boundary points of the time interval of the controlling environment:

(3.7) **G(x,y,z,t)=g(t(x,y,z))** ,

where G belongs to the macrolevel;

g belongs to the microlevel events.

From the events described above, it follows that an entity capable of regulating the discrete levels of consciousness and perception, at the boundary phenomena of micro- and macroprocesses, can create any informational and, consequently, material environment.”

Therefore, the intensity of the outgoing signal emitted from the glass optical lens is regulated by the intensity of the thought radiation generated through concentration on the lens.

### 1.1.6. Scientific justification of the interaction between thought and laser radiation.

Modern studies (*Fritz-Albert Popp, 1992; Bókkon et al., 2010; Persinger, 2009*) confirm that the human brain emits photons and electromagnetic fields that reflect the activity of consciousness.

In the PRK-1UM and PRK-1UG devices, these emissions are amplified through multiple reflections of laser radiation functioning as an optical resonator.
Thought radiation, entering into resonance with the photon flow of the laser, increases its energy, which is consistent with Einstein's equation $\mathbf{E = mc^2}$.

The laser system in the device acts as a set of mirror-like surfaces that reflect and stabilize cognitive radiation.
Within Einstein's general theory of relativity, gravitational effects are caused not by force interaction, but by the deformation of space–time associated with the presence of mass–energy.

Thus, the mental representation and physical observation of laser radiation in the PRK-1UM device enhance the mass–energy of perception.
The energy impulse of thought enters into gravitational interaction, merging with the photon field of the laser according to the gravitational field equations:
$$\mathbf{G_{\mu v} = \frac{8\pi G}{c^4} T_{\mu v}}$$
where $T_{\mu v}$ describes the energy–momentum of matter, radiation, and mental activity.

In this model, thought is considered a function of the human physical body interacting with the gravitational field.
Consequently, the PRK-1UM device implements a mechanism for amplifying the energy of thoughts in the gravitational-optical continuum, which confirms the scientific validity of the principle of operation of the device.

Thus, it is established that thought is reflected from laser radiation as from a system of many mirrors, thereby increasing the mass of thought.
In Einstein's general theory of relativity, gravitational effects are caused not by force interactions of bodies and fields existing in space–time, but by the deformation of space–time itself, which is associated, in particular, with the presence of mass–energy.

The mental representation of laser radiation is multiplied by the mass–energy of perception when physical observation of the safe laser radiation in the PRK-1UM device is added.
Processes associated with laser radiation operate with the characteristics of the speed of light. These processes are described by Einstein's equations — the gravitational field equations underlying the general theory of relativity, which relate the components of the metric tensor of curved space–time to the components of the energy–momentum tensor of matter filling space–time.

The energy–momentum of thought includes properties of the human physical body, and at light-speed conditions, curved space connects the momentum energy of thought with the energy of laser radiation through the gravitational field.
According to the mathematical model constructed on the basis of Einstein's equation, in the PRK-1UM device thought is amplified in the lenses, in the electromagnetic field,

and additionally in the laser radiation, since it becomes part of a single set together with these amplifiers of curvature determined by the speed-of-light parameter.
Within this set, the nature of thought can be considered as properties or functions of the human physical body interacting with the gravitational field.

Thus, in the mathematical model of the PRK-1UM device, built on Einstein's general theory of relativity, the physical principle of thought propagation as weak radiation is not used; instead, interaction in the gravitational field of the human physical body with the properties or functions of thinking is applied.

### 1.1.7. The principle of similarity and the physical–mathematical substantiation of the device.

The declared invention uses the principle of similarity, based on the theory of wave synthesis combined with the theory of unified reality developed by Grigori Petrovich Grabovoi.

See the dissertation by G.P. Grabovoi: "Research and Analysis of the Fundamental Definitions of Optical Systems for Predicting Earthquakes and Industrial Facility Catastrophes." — Moscow, RAEN Publishing, 1999, pp. 9–19.

See also the publication: "Research and Analysis of the Fundamental Definitions of Optical Systems in the Prevention of Catastrophes and Predictive-Oriented Control of Microprocesses." — Electronic Devices, Series 3, Microelectronics, 1999, Issue 1 (153).

These works provide the physical–mathematical foundation for systems that use optical processes as the basis for transmitting and amplifying human biosignals.
The architecture and algorithmic model of the devices PRK-1U, PRK-1UM, and PRK-1UG are built precisely on these theories.

### 1.1.8. Practical reproducibility and confirmation of effectiveness.

On the international Amazon platform, a collection of results from the use of the PRK-1U and PRK-1UM devices has been published, signed by hundreds of users. The results are also published on the website http://educenter.grigori-grabovoi.world/course/index.php?categoryid=30
These facts confirm the effectiveness of the devices and their compliance with the declared functions.
This confirms the industrial applicability and reproducibility of the invention..

### 1.1.9. Application of well-known orthodox higher mathematics and physics methods for the scientific justification of the invention.

Grigori Grabovoi applied methods of well-known orthodox higher mathematics and physics, in which he is a specialist after graduating from the Faculty of Applied Mathematics and Mechanics of Tashkent State University. The physical–mathematical equations that substantiate the described patents have been repeatedly verified and published in scientific journals, and quantitative solutions have been obtained from them. The operability of these inventions is also confirmed by experimental results.

A scientific article by G.P. Grabovoi containing the physical–mathematical justification and confirming calculations was published in the scientific journal Electronic Engineering: https://licenzija8.wordpress.com/science/
The journal's editorial board, together with prominent scientists, verified the physical–mathematical theory of G.P. Grabovoi, his calculations, and the experimental results confirming those calculations, after which his scientific article was published.

*The editorial board of the journal includes:*
*Editor-in-Chief – Academician of MAI, Doctor of Technical Sciences, Professor Yu. N. Dyakov; D.T.S. E.V. Avdeev, Ph.D. (Tech.) D.V. Ya. Bartenev, D.T.S. A.S. Bondarevsky, D.Sc. (Phys.–Math.) V.D. Verner, D.T.S. S.A. Garyainov (Deputy Editor-in-Chief), Ph.D. (Tech.) D.V. L. Dshkhunyan, Ph.D. (Tech.) D.V. N. Dyagilev, D.T.S. A.V. Emelyanov, D.T.S. L.A. Ivanyutin, D.T.S. G.G. Kazennye, D.T.S. B.I. Kazurov, Corresponding Member of the RAS G.Ya. Krasnikov, D.T.S. V.E. Minaychev, Ph.D. (Tech.) A.A. Popov, Ph.D. (Tech.) D.A. Rudenko, D.Sc. (Phys.–Math.) T.D. Shermergaard, Ph.D. (Tech.) D.A. T. Yakovlev*

**1.1.10. The device uses artificial intelligence, the application of which in the device corresponds to a new technological level.**

Observation protocol of the artificial intelligence function of PRK-1U, which also applies to PRK-1UM:

https://self-defense-legal.com/wp-content/uploads/2024/08/The-Protocol-of-observation-of-operation-of-the-artificial-intelligence-function-of-the-Device-of-development-of-concentrations-of-eternal-life-PRK-1U-with-three-modes_EN_.pdf

**1.1.11. An independent scientific and technical examination was conducted for the PRK-1UM device, which proved that PRK-1UM corresponds to the declared functions:**

https://self-defense-legal.com/wp-content/uploads/2025/11/20241105_Nauchno-tekhnicheskaya-ekspertiza-sootvetstviya-pribora-PRK-1UM-zayavlennym-funkciyam.pdf

**2. Conclusion**

The totality of the presented data — previous patents, dissertation and publication sources, independent scientific and technical examinations, studies on cognitive electrodynamics and the general theory of relativity, as well as practical user results — demonstrates:

- the presence of scientific justification;
- the physical–mathematical validity of the inventions;
- the industrial feasibility and reproducibility of the functions of the PRK-1U, PRK-1UM, and PRK-1UG devices, which implement technologies of thought radiation and biosignals to ensure eternal life for all.

Respectfully,
Administration GRIGORI GRABOVOI SL