A tool of post-industrial civilizations

Any sufficiently advanced technology is indistinguishable from magic.
Arthur C. Clarke
Any advanced extraterrestrial intelligence is indistinguishable from God.
Michael Shermer
A theory is all the more impressive the simpler its premises,
the greater the variety of phenomena it covers.
and the wider its scope of application.
Albert Einstein

The phrase uttered by Neil Alden Armstrong "That's one small step for man" is fully relevant to the emergence of technology that is offered for widespread development. One giant leap for mankind" when he stepped on the surface of the moon.

Our mission is to provide businessmen, specialists and scientists from various fields of activity, as well as students and schoolchildren with an innovative hi -tech tool - the “Instrument of Post-Industrial Civilizations” (PIC-instrument). “PIC-instrument” is a non-network quantum-digital technology (QuD-technology or QuD-tech) for targeted impact on objects of living and inanimate nature, accessible for visual observation, by operating with digitized records of two or more light streams, cyclically reproduced by the control IT complex in an open quasi-optical resonator (OQO-resonator). One light flux contains information about the natural vibrations of the components of the substance taken as a sample and performs the functions of an information control signal (IC-signal); others reproduce light fluxes emanating from one or different objects and perform the functions of connecting (teleporting) signals .

This tool is intended both for solving practical problems and for conducting research and development in the field of fundamental and industrial sciences. Its uniqueness is due to the solution to the problem of implementing the so-called. “hot” quantum entanglement in a many-particle version and, as one of the connections, the problem of uncontrollability according to R. Kalman. The technical result of using QuD-tech is the formation in the condensed medium of an object of an oscillating coherent ensemble (OC-ensemble) of nonlinear space-time excitations-quasiparticles (dynamic inhomogeneities in terms of functional electronics) in a state of many-particle quantum entanglement (QMP- entanglement), confined to isomorphic atomic-molecular or supramolecular structures distributed throughout the volume and reproducing, with one or another level of similarity, the spectrum of stimulated Raman scattering of light by a substance taken as a sample. The OC ensemble has the properties of a “time crystal” and plays the role of a quantum field active factor (efficiency factor) , which sets the order parameters of the system . In this part, QuD-tech can be considered as a modification of the well-known method of background acoustic resonance regulation of self-organization using quantum properties of matter and field and quantum effects.). Regarding the regulation of processes in living organisms, in our opinion, it is advisable to use water in an energy-saturated state as a sample for preparing a basic information-control signal (see the next section of the site).

The “computer - OQO-resonator - object” system implements an ensemble quantum computer scheme. The system can operate in the “computation” mode in the particular case if the object is a homogeneous condensed medium. Dynamic inhomogeneities play the role of qudits. Unlike qubits, they have not two, but many possible states. Cyclicity (Shannon-Weaver redundancy) according to theorem B. Schumacher can provide a solution as close to accurate. From the standpoint of control theory, QuD-tech conceptually refers to second-order cybernetics and implements one of the methods for controlling dynamic chaos in a state of dynamic inhomogeneities. As a result, they form a volumetric diffraction quasi-grating, which forms a three-dimensional dynamic hologram of the second kind in space.
The versatility of the technology is due to the fact that the impact is carried out at the level of individual

and collective dynamic (vibronic) states of atomic-molecular and supramolecular structures selected as target structures. This allows, firstly, to purposefully change their polarization, conformation and activity and, accordingly, the direction and intensity of processes with their participation, and secondly, the morphology of the dominant structural units and their spatial ordering, which, due to a combination of factors, leads to a change in properties the condensed medium in which they are included, and the object as a whole. The uniqueness of the “PITS-Tool” lies in the fact that to use it, it is enough to have a video of an object, regardless of its nature, scale (Petri dish or plantation or pond) and location on Earth and, at least, in near Space. The most preferred are: agricultural production facilities; ecosystems of land and water bodies; health and medicine; biotechnology; industrial and fundamental research and development; manufacturing industry; space exploration, etc.

All of the above can be easily verified experimentally, since to do this, it is enough to agree on the formulation of the problem and send a video file of the object (color photo or video no more than 1 minute long) by e-mail. The effectiveness of using QuD-tech in agriculture is determined by comparing the results obtained with its use (experience) and without its use (control), which is illustrated by the photographs presented below with explanations. The distance between the autonomous PC-based control complex and the place of formation of the OC ensemble (efficiency factor) varied from several kilometers to many thousands of kilometers, which is natural in the case of using QMP entanglement for remote-addressed reproduction of particle/quasiparticle states. For farmers interested in increasing production efficiency using truly “green” technology, we are ready to provide our services in two basic options or a combination of them: 1. Direct remote influence on bio-agrocinosis using space or aerial photography to reproduce the connecting signal. 2. Indirect influence using the so-called. synergists - environmentally friendly substances to which we remotely impart specified biologically active properties. Synergists are diluted in a ratio of about 1:10,000 with water used for soaking seeds, watering and irrigation. It is important that the proposed system for managing the state and development of bio- and agrocenoses does not require additional costs or complication of agricultural technology. All settlements with the contractor are carried out based on the final results, unless otherwise agreed by the parties.