

Hypersound: A new explanation for action in nature and technical processes

Introduction

15 years ago, Hypersonic Acoustics were born as a new field of natural sciences. It describes the laws of resonant vibrations in atoms, forming a basic state of matter. Their quasi-optical characteristics led me to the designation of Hypersound. The range of hypersound is adjacent to ultrasound and is not to be confused with the concept of hypersound as it is used in the fields of aeronautics and astronautics to indicate a speed of more than Mach 5.

The concept of Hypersound represents the comprehensive result of a multifarious range of experiments. Biological sensors were employed as appropriate measuring instruments are still missing (Terahertz gap). Such biological sensors exist in humans, animals, plants and even in microbes. It appears that Hypersonic Acoustics work among others on the base of well known physical laws, comprehending specific laws and others known from vibration and oscillation mechanics, optics and biological acoustics.

Hypersound, as a carrier of information and energy, acts as a key to not or poorly understood phenomena. It is identical with Orgon (W. Reich), scalar waves (K. Meyl), morphogenetic fields (R. Sheldrake) and magneto-hydrodynamic waves (Ch. Rohrbach). Electro smog is identical with Hypersound. This energy carrier is involved in the conversion of so called free energy into usable energy.

The Hypersound theory provides plausible explanations for the phenomena of geobiology (water veins, earth rays and grids), for all the phenomena of dowsing (sensitiveness to radiation, remote viewing, the dowsing rods and pendulum phenomenon, psi-tracks, Ley lines), parapsychology (extrasensory perception, telepathy, clairvoyance, thoughts impregnation and psychokinesis), biophysics (orientation behaviour of animals, metabolism, growth and communication of plants), and alternative medicine (homeopathy placebo effects, acupuncture, naturopathy), neuroscience (learning, thinking, remembering, dreams, hallucinations, hypnosis, near-death experiences, and apparent rebirth). Hypersonic also provides completely new perspectives in sociology, psychology, evolutionary biology and philosophy.

Physics and origin of Hypersound

The wave equation for the motion of atoms in a crystal lattice has two solutions. In the acoustic medium groups of atoms counter move in the form of long standing waves in the millimeter to meter scale. That is the characteristic of audible sound. In the optical branch, the second solution of the wave equation, atoms move with their natural resonant frequencies in the form of standing waves with wavelengths in the nanometer range. These frequencies in the higher Terahertz range are perceived automatically by all biological systems. Positioned above the frequencies of ultrasound, they are termed Hypersound. You will find 9 orders of frequency magnitude between the two. Hypersound follows as well mechanical as optical rules.

Hypersound originates when free electrons encounter solid matter and transfer their impulse to atoms. Impulse and resonant vibrations depend on the kinetic energy transferred by the electron: $E_{\text{kin}} = \frac{1}{2} mv^2 = e \cdot U$ (m = mass, v = velocity, e = elementary charge, U = voltage). That is, the greater the number of matter interacting electrons and the higher their speed v or the travelled potential difference U , the stronger the Hypersonic excitation.

There are three types of Hypersonic sources: natural, technical and passively affected objects with sometimes extremely high efficiency amplification. Natural Hypersonic sources have always existed. Technical sources are growing since the advent of electrical engineering. Cosmic radiation qualifies as a main natural source. Electrons are set free in the atmosphere, co-acting with air molecules. Likewise in the magma in the centre of

the earth electrons are released to be re-absorbed immediately. Hypersound is generated by the disintegration of radioactive elements. Sources in the biosphere: flames, lightning flash, meteorites, corpuscular radiation of the sun, effects from streaming in air and water, metabolism in life systems; in particular the firing of neuronal synapses. Greatest biological Hypersonic source is the human brain, which easily reaches high peak values during mental activity surpassing the amplitude of the natural field by one million and more.

Strongest technical sources in the present are microwave arms, antennas and equipment of wireless radio, radio and television, radar units, power plants, wind power plants, nuclear power plants, photovoltaic systems, power lines and underground depots of nuclear waste. Hypersound originated by atomic disintegration is highly reinforced by the geometry of the mining tunnels.

Plasma with free electrons is generated by several technical procedures as in arcs, spark gaps or corona discharges. Each semiconductor produces Hypersound in the pn junction, proportional to the electric power transferred.

Thus the entire house and office electronics radiate Hypersound: monitors of any kind, PC's, TV and audio devices, receivers, dimmers etc. The latter emit very high amplitudes, because the electrons are fully accelerated through the mains voltage in the switching power supplies. All energy saving light emitting units radiate extremely strong Hypersonic fields. Owing to their geometry types with spiralled emitting tubes can reach amplitudes near those of power plants. Only the conventional electric light bulbs remain in the range found by natural fields.

Essential qualities of the Hypersonic field

Hypersound comes in two configurations: as a coherent undamped beam and as a structured field between the beams, shortly called Hypersonic field. When an initially homogeneous hypersonic field hits an object, it is changed in a characteristic way. The many elementary rays, which make up the homogeneous field, "condense" at sufficiently high field strength when passing through a homogeneous object in principle radially to a single beam in each direction, because of the inward lateral forces of each beam. In the Hypersonic field the principle of balance of forces is valid.

The rays are modulated by the vibration/oscillation profile of the object penetrated, displaying 'form-resonance'. In case there is no obstacle in the ray space, rays extend theoretically ad infinitum. Rays of Hypersound always contain 'white noise', extracted from the global field by the radially directed powers. Thus a ray incorporates the spectra of any objects penetrated. Rays of Hypersound act, exhibiting their particular structure, in the global field of Hypersound like bodies of solid matter ('fine substance').

Exclusive Hypersonic resonance patterns and powers emerge between two objects equal in substance. They combine into larger units, following a basic principle of nature. Liquid or gaseous bodies thus can permeate arbitrary other spectra; in case of exiting outside they can store the spectra, unlimited in time.

Hypersonic vibrations of high amplitude surpass the energy threshold of dissociation energy and rupture the atomic binds. Exposed to still higher vibration amplitudes, single atoms directly interact. The results are could nuclear fission in protons, electrons and neutrons and transmutations, the so called cold fusion.

The knowledge of the discovered laws of Hypersound is necessary for the realization of important current goals, such as the use of Hypersonic fission of chemical compounds for a wide variety of applications (increase agricultural yields, water purification, pollution reducing, liquidation of nuclear waste) and the conversion of so called "free energy" into usable forms of energy.

The most important task now is to identify and detect sources of hazardous Hypersonic fields and take action to reduce emission and immission. Added to the struggle against natural radiaesthetic disturbances mankind

recently has to fight electrosmog. The latter has become epidemic. The Hypersonic model not only gives it the pertinent physical background, but also shows ways to cope with it.

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