



Global Resonance Nonlinear Tesla - Energy Strategy of Russia *The Game-Changer for Water - Cold Fusion*



Nikola Tesla (1856-1943) (10.07.1856-07.01.1943)
Wireless transmission and reception of electromagnetic radiation
on the basis of nonlinear parametric resonance of QD
(Quadrupoles of Tesla)



Lebedev, Petr Nikolaevich (1866-1912) (08.03.1866-01.03.1912)
<http://www.ikar.udm.ru/sb/sb41-2.htm>
"Experimental study of the ponderomotive effect of waves on resonators"
(p.84-150) Lebedev PN Selected Works, Moscow-Leningrad: State Publishing House of TTL -
1949, 244 p., Ill.) стр.
"... The listed works lead to that interesting and new result, that, despite all the difference that
electromagnetic, hydrodynamic and acoustic oscillations represent in their physical nature, the
laws of ponderomotive action of them on the corresponding resonators are identical, this indicates
to us the probability, that the elementary laws that we found are common to all possible (and not
yet investigated) oscillations, and their explanation must be sought in reasons independent of the
characteristics of the active oscillation and the resonator excited by it. (p.89-90).



Henri Poincare (1854-1912) (29.03.1854-17.07.1912)
(I) "periodic solutions are the only breach through which we could try to
penetrate into an area considered inaccessible"; (II) "the periodic solution
can disappear only by merging with another periodic solution (the periodic
solutions disappear in pairs like the real roots of algebraic equations)"

" PHYSICAL BASES OF COLD THERMONUCLEAR SYNTHESIS IN WATER BASED ON THE WORK OF TESSA, LEBEDEV AND POUNCARE"



Report on the section "Energy Strategy of Russia",
II-nd All-Russian Water Congress, Moscow

05.06.18-07.06.18

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Global Resonance Nonlinear Technologies

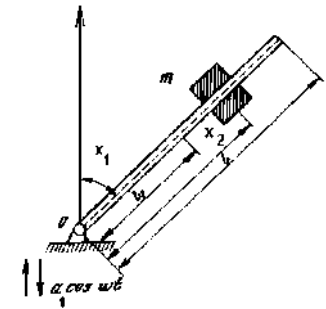
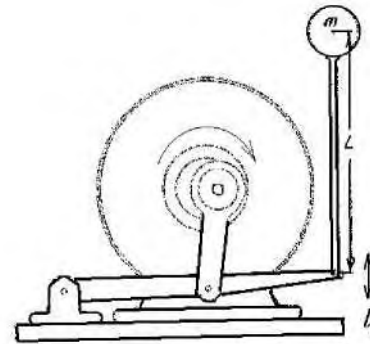
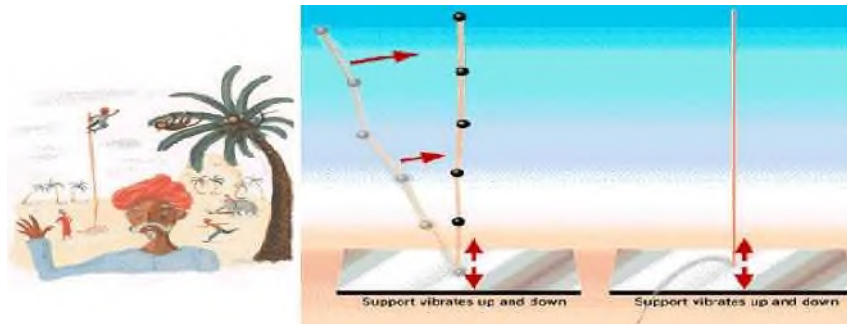
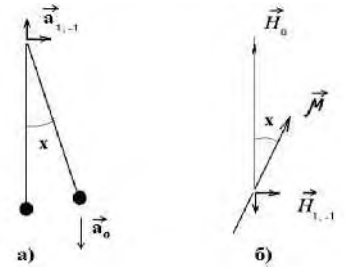
2018

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Nonlinear pendulum - model of real nonlinear systems

Resonance in physic, chemistry and biology

$$x'' + \mathfrak{L}_r X + (\mathfrak{L}_0 + \mathfrak{L} \cos t) \sin x - \mathfrak{L}_{-1} \cos(t + \Phi) \cos x = 0$$



XIV century, Bombay; Andrew Stephenson, 1908

P.L. Kapitsa, 1951

V.N. Chelomei, 1956

In la

$$S = (a/2n) L dt$$

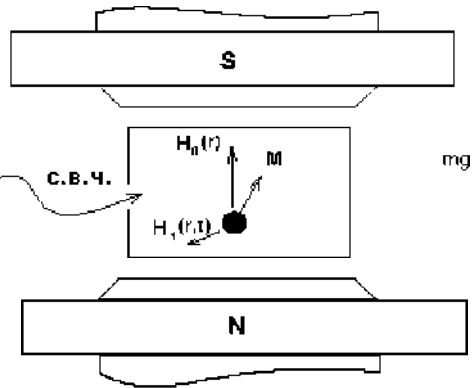
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Resonance as the most stable state of motion in nature

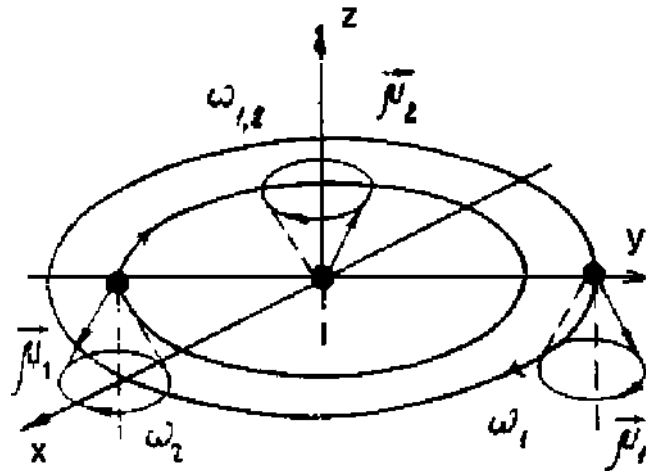
1974.1984.1987.1988...2018

$$S = \sum_{n=1}^{\infty} n^2 a^2 r^2 / A \dots + (1/2) \sum_{n=1}^{+\infty} \prod_{k_n(r_n)} \sum_{\beta=-1}^{+1} \varepsilon_{\beta} \delta_{\sum k_n n \alpha}^{\pm \beta} (1 + \delta_{\beta}^0) \cos[x_0 + \sum_{n=1}^{\infty} k_n (\pi/2 - \delta_{\beta}^{\pm 1} \psi_n) - \delta_{\beta}^{-1} (\pi/2 \pm \varphi)],$$

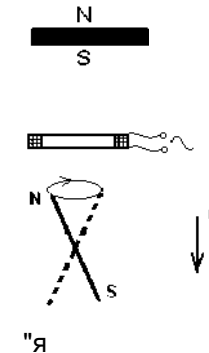
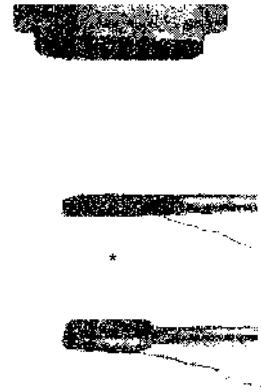
New scientific and applied results in the field of resonance effect of fields on nonlinear physical and biological systems



*Levitation of single crystals
YIG at f.m.r. (1974)*



RM (Resonance Microcluster) - Solution Problems "1/R³" (1984)
<http://www.ikar.udm.ru/sb22>



Levitation of the Sm-Co particle at resonance (1987)

Examples of weakly emitting resonance systems: 1 - tuning-fork; 2 - LC-circuit; 3 - resonant microcluster of two dipoles; 4, 5 - noncontact activation of water, 6 - ball lightning. <http://www.ikar.udm.ru/sb15-12.htm>

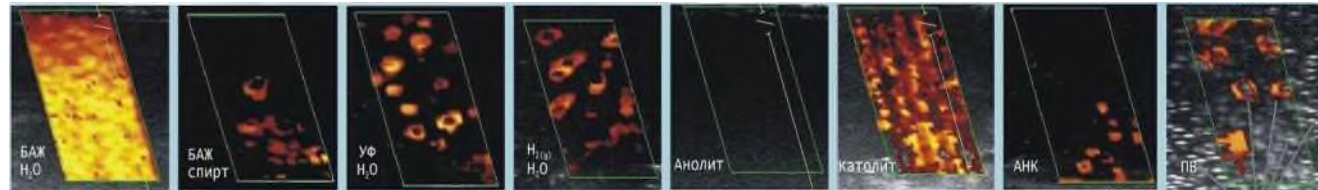
About the technology

Basis of the technology, how it works, and our USP: at the heart of our development - Global Resonant Nonlinear Tesla (GRNT).

- Including contact and noncontact activation of water solutions. Based on the transfer of liquids into a nonequilibrium thermodynamic state, including a resonant micro-cluster structure with energy and super-coherent electromagnetic radiation.

The use of RNT practically does not change the chemical composition of the water and brings nothing but energy, which creates a radiant field, and destroys the mechanisms of cellular and inorganic binders. Based on these technologies the created disinfecting agent removes deposits and prevents their reintroduction. Our USP: the timeframe the water stays in this state.

1. Detection of resonant micro-clusters in activated aqueous solutions



2. Micrographs of solids obtained by contactless activation (AM-RNT)



3. Effect of activated media on bio-systems



Applications

Key applications that can be targeted with GRNT, and the benefits

GRNT



Key Applications

Drinking Water



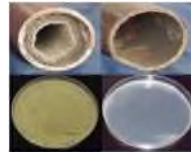
- Disinfects water and improves its quality
- Can be used in municipal or home systems

Fish Farms



- Reduces mortality and improves nutrient intakes, increasing growth rate

Cleaning Pipes



- Cleans out pipes , superior to sodium hypochlorite by > 300x

- Can help to heal wounds quicker
- Improves circulatory system



Applications

Key applications that can be targeted with GRNT, and the benefits

GRNT



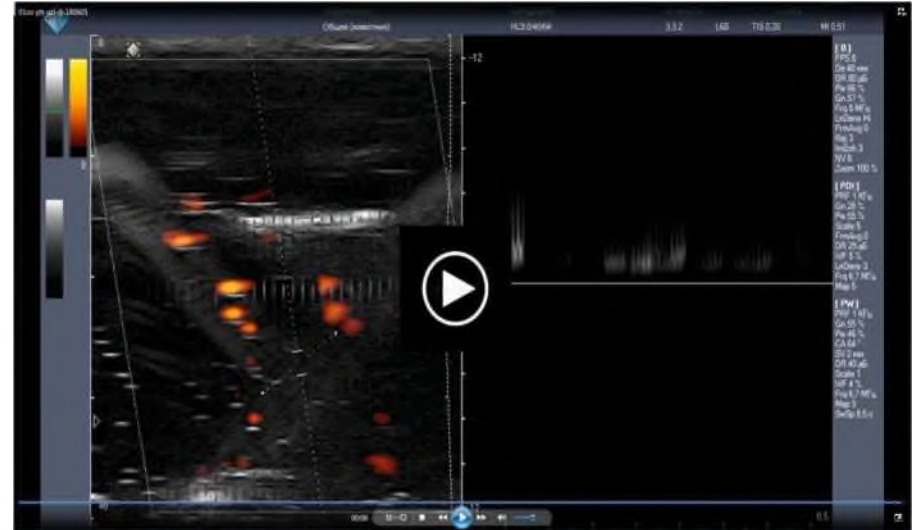
Key Applications



Key Benefits

- Improves crop yield and quality, conserves energy, reduces costs
- Reduces mortality and improves nutrient intakes, increasing growth rate, eliminates need for chemical disinfectants
- Improves quality, enhances assimilation by the the body, reduced time to market
- Wide range of applications: cancer and diabetes treatment, use as an antiseptic, improves blood circulation

The physical nature of ball lightning in gases and in liquids



“Ball-Lightning“ in Gases -

<http://eng.ikar.udm.ru/sb/sb15->

“... So, in certain parts of the environment, there may be a localization of processes in the form of... dissipative structures... arising in different nonlinear media ...”

“Ball-Lightning“ in Water -

<http://eng.ikar.udm.ru/sb/sb51-1.htm>

/Kurdyumov S. P. http://ikar.udm.ru/c_n_aw.htm/

Video: [01os-ph-uzi-d-180605.mp4](http://eng.ikar.udm.ru/sb/sb15-01os-ph-uzi-d-180605.mp4) - “Ball-Lightning”, 3-dimensional dissipative structures - plasmoids in water http://ikar.udm.ru/c_n_aw.htm after [установок "ИКАР" \(Mog.Olos + Mog.Olph\)](#) on ultrasound-Doppler, Congress in Moscow 05.06.18-07.06.18