

Bulyzhenkov Igor Édmundovich

Список научных публикаций

- [1] Nonempty space paradigm for interpretation of gravitational probes, Applied Physics (in Russian) 2011, No 6, 5
- [2] Superfluid Mass-Energy Densities of Nonlocal Particle and Gravitational Field, Jour. of Supercond. and Novel Magnetism v. 22, 2009, 723
- [3] Relativistic Quantization of Cooper Pairs and Distributed Electrons in Rotating Superconductors, Jour. of Supercond. and Novel Magnetism v. 22, 2009, 627
- [4] Einstein's Gravitation for Machian Relativism of Nonlocal Energy-Charges, Int. Journal of Theoretical Physics v. 47, 2008, 1261
- [5] Low-field negative magnetization and coercive field magnetization reversal in transition metal chalcogenides: Cr₂FeSe₄ magnetic structures from neutron diffraction (with G. Lamarche, P. Wang P, M. Quintero, A.-M. Lamarche). Jour. Phys. Chem. Solids v. 69, 2008, 884.
- [6] Low-field magnetic memory in semiconductors and polymers (with A.-M. Lamarche and G. Lamarche), Phys. Rev. B 72, 2005, №15, 155203.
- [7] Thermoelectric flux in superconducting hollow cylinders. Phys. Rev. B 51, 1995, 1137.
- [8] Relativistic electrodynamics of superconducting and normal accelerated media. Phys. Lett. A 185, 1994, 155.
- [9] Normal current, heat and entropy in superconductors. Solid State Commun., 1993, v. 88, 71.
- [10] Dispersion of transverse sound in the model of high-T_c layered superconductors. Solid State Communication, 1993, v.85, 513.
- [11] To the gauge invariant model of superfluid relativistic carriers. Physics Letters A 171, 1992, 220.
- [12] Covariant equations for superconductors. Physics Letters A 158, 1991, 483.
- [13] Waves modulation in Josephson microlines. Microelectronika, 1991, v.20, 498-500. [Sov. Phys. – Microelectronics].
- [14] Magnetic field generation in microwave plasma (with M.P. Tumelya). Proceedings of the Moscow Aviation Institute, Moscow, 1988, 129.
- [15] Thresholds of autowave processes under laser actions on metallic surfaces (with V.V. Voronovich). Sov. Jour. Phys. and Chem. of Material Treatment, 1988, v.3, 14.
- [16] Controlled propagation of waves in microlines with Josefson contacts (with E.V. Zujkova). Jour. Tech. Phys., 1988, v.58, 2404.
- [17] Submillimeter laser, optically pumped by two IR-waves (with V.A. Batanov et. al). The Institute of General Physics, the Soviet Academy Sciences, Moscow 1988, p. n. 54.
- [18] An induced emission of electromagnetic waves by Josephson media (with A.E. Alekseev). Kvant. Electronika 1984, v.11, 334 [Engl. Transl.– Sov. Journal of Quantum Electronics].
- [19] Relativistic electrodynamics of charged liquids. Proceedings of the Moscow Institute of Physics and Technology, 1984, 77.
- [20] Stimulation of superconductivity in tunnel contacts by radio waves. Sov. Phys. - Solid State (Engl. Transl.) , 1980, v.22, 1759.
- [21] Hypersound amplification in nonequilibrium superconductors. Sov. J. Low Temp. Phys. (Engl. Transl.), 1979, v5., p.653.
- [22] Current characteristics of superconducting tunnel junctions (with B.I. Ivlev). Sov. Phys. - Solid State (Engl. Transl.), 1979, v.21, 1339.
- [23] Non-equilibrium phenomena in junctions of superconductors (with B.I. Ivlev). Sov. Phys. - JETP (Engl. Transl.), 1978, v.47, 115.

- [24] Formation of inhomogeneity in non-equilibrium superconductors (with B.I. Ivlev). Communication on Physics, 1977, v.2, 215.
- [25] Non-linearity of acoustic damping in non-equilibrium superconductors (with B.I. Ivlev). Sov. Phys. - JETP (Engl. Transl.), 1976, v.43, 731.
- [26] Sound velocity in superconductors (with B.I. Ivlev). Sov. Phys. - JETP (Engl. Transl.), 1976, v.44, 613.
- [27] The method of wave phase regulation in controlled micro-strips (with E.V. Zujkova). Soviet patent No 4450438 / 09, Moscow Institute of Physics and Technology, 1988.
- [28] The method to determine spatial angles of electromagnetic waves by using the Josephson junctions (with A.E. Alekseev). Soviet patent No 3618211 / 25, Moscow Institute of Physics and Technology, 1984.