

## **Электронные публикации в 2008 г.**

1. Avramov P.V., Fedorov D.G., Sorokin P.B., Chernozatonskii L.A., Gordon M.S. New symmetric families of silicon quantum dots and their conglomerates as a tunable source of photoluminescence in nanodevices (arXiv:0709.2279).
2. Gavrilyuk A.P., Karpov S.V. Processes in Resonant Domains of Metal Nanoparticle Aggregates and Optical Nonlinearity of Aggregates in Pulsed Laser Fields (arXiv.org/abs/0808.2355)
3. Korshunov M.A. Determination of Vacancies Allocation in a Monocrystal of a P-Dichlorobenzene Using a Method of the Raman Spectroscopy // arXiv:Physics/0802.2482. – 2008. - 2 p.
4. Korshunov M.A. Manifestation of Vacancies in a Spectrum of Organic Molecular Crystal Lattice Vibrations // arXiv:Physics/0802.2480. – 2008. - 2 p.
5. Mironov, V. L., Kosolapova, L. G. and Fomin, S. V. Soil Dielectric Model Accounting for Contribution of Bound Water Spectra through Clay Content in PIERS Online, Vol. 4, No. 1, 31-35, 2008.
6. Mironov, V. L., Microwave Dielectric Spectroscopy of Moist Soils in the Problem of Radar and Radiometric Remote Sensing of the Land in PIERS Online, Vol. 4, No. 1, 81-83, 2008.
7. Ovchinnikov S.G., E.I. Shneyder, Magnetic and phonon mechanisms of superconductivity in  $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$  support each other arXiv:0809.3585v.
8. Petrov M.I., Gokhfeld Yu.S., Balaev D.A., Popkov S.I., Dubrovskiy A.A., Gokhfeld D.M., Shaykhutdinov K.A. Pinning enhancement by heterovalent substitution in  $\text{Y}_{1-x}\text{RE}_x\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$  // arXiv: 0803.0795, 11 p., 2008.
9. Popov Alexander K. and Myslivets Sergei A. All-optically transformable broad-band transparency and amplification in negative-index films (arxiv.org/abs/0808.3130)
10. Popov Alexander K., Myslivets Sergei A., Shalaev Vladimir M., Resonant nonlinear optics of backward waves in negative-index metamaterials, (arxiv.org/abs/0808.2038).