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01.04.07 – Физика конденсированного состояния

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Список основных публикаций по теме диссертации в рецензируемых научных изданиях за последние 5 лет:

1. S.I. Matveenko and S.I. Mukhin “Spin-charge ordering induced by magnetic field in superconducting state: Analytical self-consistent solution in the two-dimensional model”, European Physics Letters, vol. 109, 57007 (2015).
2. S. I. Mukhin, «Euclidean action of fermi-system with ”hidden order”, Physica B, vol.460, 264-267 (2015).
3. S.I. Mukhin, «Euclidian Crystals in Many-Body Systems: Breakdown of Goldstone’s Theorem», J. Supercond. Nov. Magn., vol.27, 945-950 (2014).
4. S. I. Mukhin and B.B. Kheyfets, «Pore Formation Phase Diagrams for Lipid Membranes», Письма в ЖЭТФ, т. 99, No. 6, 358–362 (2014).
5. S. I. Mukhin¹ and M. V. Fistul, “Generation of non-classical photon states in superconducting quantum metamaterials” , Superconductor Science and Technology, vol. 26, 084003 (2013).
6. S.I. Mukhin and T.R. Galimzyanov, ” High superconducting T_c and suppressed isotope effect in the instantonic condensate state of Fermi-system: analytic solution”, J. Supercond. Nov. Magn., vol. 26, 2679–2683, doi:10.1007/s10948-013-2159-7 (2013).
7. Anna A. Drozdova, Sergei I. Mukhin, «Opening Barrier Renormalization by Membrane Local Curvature Fluctuations around the Mechanosensitive Channel: Analytical Expression» Biophysical Journal, 104(2) 29 January, 244a (2013).
8. Anna A. Drozdova, Sergei I. Mukhin, “Laterall pressure profile in a Lipid Membrane with Curvature: Analytical Expression”, Biophys. J. 102(3), Suppliment 1, 503a (2012).
9. J. A. M. van Ostaay, S. I. Mukhin, and L. P. Mezhov-Deglin, ” On the low-temperature anomalies in the thermal conductivity of plastically deformed crystals due to phonon-kink scattering”, Low Temp. Phys., vol. 38, (11), 1336-1339 (2012).
10. S.I. Mukhin and T.R. Galimzyanov, ”Single Fermion Green's Function in the Quantum Ordered Fermi-System: Analytic Solution”, Physica B, vol. 407, 1882-1884 (2012).
11. S. I. Mukhin, «Spontaneously broken Matsubara's time invariance in fermionic system: macroscopic quantum ordered state of matter», J. Supercond. Nov. Magn., vol. 24, 1165-1171 (2011).