

## Список работ

### *Статьи в рецензируемых журналах:*

1. L. Manevitch, A. Kovaleva, E. Manevitch, D. Shepelev. Limiting phase trajectories and non-stationary resonance oscillations of the Duffing oscillator. Part 1. A non-dissipative oscillator. *Communications in Nonlinear Science and Numerical Simulation*, 2011, vol. 16 (2), pp.1089–1097. ISSN: 1007-5704.
2. L. Manevitch, A. Kovaleva, E. Manevitch, D. Shepelev. Limiting phase trajectories and non-stationary resonance oscillations of the Duffing oscillator. Part 2. A dissipative oscillator. *Communications in Nonlinear Science and Numerical Simulation*, 2011, vol. 16 (2), pp. 1098–1105. ISSN: 1007-5704.
3. L. Manevitch, A. Kovaleva, D. Shepelev. Non-smooth approximations of the limiting phase trajectories for the Duffing oscillator near 1:1 resonance. *Physica D: Nonlinear Phenomena*, 2011, vol. 240 (1), pp. 1-12. ISSN: 0167-2789.

### *Публикации в трудах международных конференций:*

1. L.I. Manevitch, D.S. Shepelev, A.S. Kovaleva. Non-stationary vibrations of a nonlinear oscillator under random excitation. In: *Proceedings of the 37<sup>th</sup> Summer School and Conference “Advanced Problems in Mechanics”*, (St Petersburg, June, 30 – July, 5, 2009). IPME, 2009. pp. 479-489. ISBN: 978-5-91339-029-5.
2. D. Shepelev, V.V. Smirnov, L.I. Manevitch. Energy exchange and transition to localization in asymmetric Fermi-Pasta-Ulam oscillatory chain. In: *Proceedings of the 38<sup>th</sup> Summer School and Conference “Advanced Problems in Mechanics”*, (St Petersburg, July, 1 - 5, 2010). IPME, 2010.
3. V.V. Smirnov, D. Shepelev, L.I. Manevitch. Localization of bending vibrations in the single-wall carbon nanotubes In: *Proceedings of the 39<sup>th</sup> Summer School and Conference “Advanced Problems in Mechanics”*, (St Petersburg, July, 1 - 5, 2011). IPME, 2011.
4. D. Shepelev, V.V. Smirnov and L.I. Manevitch. Limiting Phase Trajectories and Energy Transfer in Asymmetric Fermi-Pasta- Ulam chain, *ENOC 2011*, 24-29 July 2011, Rome, Italy