



5. L. A. Ostrovsky and A. I. Potapov, *Modulated Waves in Linear Dispersive Media*. Gorky University, 1988.

### **Editing books**

1. L. A. Ostrovsky, Russian translation editor of: K. Lonngren. and A.Scott, editors. *Solitons in Action*, Fizmatgiz, Moscow, 1980.
2. V. A. Zverev and L. A. Ostrovsky, editors. *Nonlinear Acoustics: Theoretical and Experimental Research*. Inst. Applied Physics. Gorky, USSR, 1980.
3. A. V. Gaponov-Grekhov, S. A. Khristianovich, and L. A. Ostrovsky, editors. *Methods of Hydrophysical Research: Turbulence and Microstructure*. Inst. Applied Physics, Nizhny Novgorod, 1990.
4. L. A. Ostrovsky, editor. *English-Russian Dictionary on Geophysical Hydrodynamics*. Compiled by Yu. A. Stepanyants and N. V. Rudik. Inst. Applied Physics, Nizhny Novgorod, 1994.
5. K. A. Naugolnykh and L. A. Ostrovsky, editors. *Nonlinear Acoustics*. Amer. Inst. Phys, New York, 1994.

### **Selected original and review papers and book chapters since 2000**

1. Perturbation theory for Rankine vortices, K. A. Gorshkov; L. A. Ostrovsky., and







49. Dynamics and early post-tsunami evolution of floating marine debris near Fukushima Daiichi, J. Matthews, L. Ostrovsky, Y. Yoshikawa, S. Komori, and H. Tamura. *Nature Geoscience*, 10, 598-603 (2017).
50. Wind modulation by variable roughness of ocean surface, L. Ostrovsky. *Procedia IUTAM*, 26, 124-131 (2018).
51. Ultrasound-based cell sorting with microbubbles: A feasibility study. T. J. Matula, O. A. Sapozhnikov, L. A., Ostrovsky, A. A., Brayman, J., Kucwicz, B. E. MacConaghy, and D. De Raad. *J. Acoust.*

6. L. A. Ostrovsky and L. V. Soustov, A broadband, low-noise amplifier. Invent. Cert. no. 302801, priority of 2/20/1970.
7. L. A. Ostrovsky, I. A. Papilova, and A. M. Sutin, A method of parametric amplification of acoustic waves. Invent. Cert. no. 481242, priority of 8/2/1972.
8. and A. M. Sutin, A parametric hydrophone. Invent. Cert. No. 1011029, priority of 9/18/1980.
9. S. D. Bogatyryov, L. N. Medvedev, L. A. Ostrovsky, et al., A wave generator. Invent. Cert. No. 1070438, priority of 11/29/1982.
10. S. D. Bogatyryov and L. A. Ostrovsky, A wave generator. Invent. Cert. No. 1153250, priority of 11/30/1983.
11. S. D. Bogatyryov, and L. A. Ostrovsky, A method for remote measurement of a current velocity component in upper ocean. Invent. Cert. no. 1261452, priority of 1/22/1985.