

# PHYSICS OF VIBRATIONS

Volume 9, Number 1, 2001

## CONTENTS

Nonlinear Surface Waves on Deep Water: New Aspects of Self-Interaction and Interaction with a Variable Flow <i>K.I. Voliak</i> .....	1
Noise-Induced Phase Transitions in Kinetics of Biological Populations <i>G.A. Lyakhov, N.V. Suyazov, and I.G. Lyakhov</i> .....	27
Laser Remote Sensing of Ocean, Soil, and Vegetation: Methods and Applications <i>A.F. Bunkin and S.M. Pershin</i> .....	43
Modern Problems of the Parametric Ultrasonic Wave Phase Conjugation <i>A.P. Brysev, L.M. Krutyansky, and V.L. Preobrazhensky</i> .....	52