



JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE

Volume 67, No. 3, 2003

- Yu. K. ZOTOV: Controllability and stabilization of programmed motions of a transport robot
L. V. KAMNEVA: Sufficient conditions for stability of the value function of a differential game in terms of singular points
M. V. DERYABIN: The invariant measure in the problem of a symmetric ball rolling on a surface
A. P. CHUPAHIN: Invariant submodels of a special vortex
G. A. TIRSKII and V. M. ZHDANOV: Implementation of the momentum method to the derivation of transport equations of gas mixtures and plasma with transport coefficients to higher-order approximation
V. A. KUKUSHKIN: A process of axisymmetric unlimited shock-free compression of an ideal gas
A. Yu. VASIL'YEV and Yu. D. CHASHECHKIN: Generation of 3D periodic internal wave beams in an exponentially stratified fluid
I. V. STUROVA: The action of an unsteady external load on an elastic circular plate floating on shallow water
Yu. A. DEM'YANOV and A. A. MALASHIN: Transverse-longitudinal waves excited by a mediator in a pluck instrument string
Ye. M. ZVERYAYEV: Analysis of hypotheses used for constructing the theory of beams and plates
I. O. OSIPOV: The propagation of the energy of elastic waves in anisotropic media
V. A. ROMASHCHENKO: Features of the reflection of strong shocks on thin compressible obstacles
I. V. PANFEROV: The uniform heating and bending of a two-layer plate
Obituary: A. L. Gol'denveizer
Obituary: A. Yu. Ishlinskii
Obituary: V. P. Korobeinikov