

JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE

Volume 67, No. 1, 2003

- G. G. CHERNYI (80th birthday)
- G. Ye. YAKUNINA: Dynamics of pyramidal bodies within the framework of the local interaction model
- A. N. KRAIKO: Limiting properties of piecewise potential subcritical and critical ideal gas flows
- S. P. BAUTIN and S. A. YAGUPOV: An analysis of a possibility of an isentropic compression of hydrogen with the special static equation
- I. B. BAKHOLDIN: Solitary waves and shock structures in non-dissipative models with complicated dispersion
- V. S. GALKIN and S. V. RUSAKOV: Burnett models of a strong shock wave structure in binary monatomic gas mixtures
- A. M. TER-KRIKOROV: Disturbances from the source in a two-layer atmosphere bounded by a horizontal earth surface
- I. V. BOCHKAREVA and L. A. KOVALEVA: Oscillation modes of adsorption in the seepage flow of multicomponent systems
- A. G. KULİKOVSKII and E. I. SVESHNIKOV: The effect of the entropy change on the shock adiabat form of quasitransversal elastic waves
- Yu. A. USTINOV: Solution of Saint-Venant's problem for a helically anisotropic cylinder
- V. A. KOVTUNENKO: Invariant energy integrals for the non-linear crack problem with possible contact of crack faces
- N. G. KHOMASURIDZE: Thermoelastic equilibrium of conical bodies
- A. P. MALYSHEV: Modelling of frequency-independent damping based on the amplitude characteristic of adsorption coefficient
- A. A. BUROV: On some equations of mechanics possessing first integrals
- L. Z. FISHMAN: On finding dangerous and safe boudaries for delay systems in the case of a pair of pure imaginary and one zero roots

Conference Announcement