

JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE

Volume 60, No. 3, 1996

- V. N. TKHAI: Investigation of the plane unrestricted three-body problem
- Ye. V. ABRAROVA and A. V. KARAPETYAN: Bifurcation and stability of steady motions and relative equilibria of a solid in central gravitational field
- A. S. ANDREYEV: Stability of equilibrium positions for a non-autonomous mechanical system
- V. Sh. BURD: Almost periodic resonant oscillations in non-linear two-dimensional systems with slow varying parameters
- O. V. KHOLOSTOVA: On the motion of a one-degree-of-freedom system close to a Hamiltonian for resonance due to forced oscillations
- A. S. SUMBATOV: The Pashekhonov pendulum
- V. G. VERBITSKII and L. G. LOBAS: Essential bifurcation of two-link systems with rolling
- D. M. AZIMOV: Analytical solutions for intermediate thrust arcs of rocket trajectories in a Newtonian field
- A. G. KULIKOVSKII and I. S. SHIKINA: On the transition to instability in weakly inhomogeneous flows without dissipation
- Yu. V. SHAN'KO: On exact solutions of the axisymmetric Euler equations
- B. N. GORDEICHIK and A. M. TER-KRIKOROV: Uniform approximation of the fundamental solution of the internal waves equation
- A. V. KRAVTSOV and S. Ya. SEKERZH-ZEN'KOVICH: Parametric excitation of the oscillations of a viscous stratified fluid in a closed vessel
- I. I. LIPATOV: Propagation of disturbances in supersonic boundary layers
- S. P. BAUTIN and A. L. KAZAKOV: Gas flows with shock waves diverging from the axis or the centre of symmetry with finite velocity
- Ya. M. KAZHDAN: The unsteady expansion of a gas from a plane slit of finite width into a vacuum
- N. T. KARACHURIN, S. A. KONDARATSEV and M. M. KHASANOV: On the inverse problem of the duophase filtration theory
- V. N. EMIKH: The boundary-value problem of a drained fresh water fringe and its applications
- G. I. BYKOVTSEV: General characteristics of the equation of the non-linear theory of elasticity with piecewise linear potentials
- V. G. ZHARINOV: Steady-state viscous fluid flow in plane channels formed by parts of circular coaxial cylinders
- P. N. SVIRKUNOV: Unsteady axisymmetric flows using the approximation of the shallow water theory
- V. A. BOROVIKOV: The far-field asymptotic form of internal gravity waves source moving in an exponentially stratified medium