JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE

Volume 59, No. 4, 1995

- M. V. DERYABIN and V. V. KOZLOV: The theory of systems with unilateral constraints
- I. I. KOSENKO: Approximation of solutions of boundary-value problems in Lagrangian mechanics
- V. I. VOROTNIKOV: The theory of partial stability
- V. V. SIDORENKO: Evolution of the motion in a mechanical system with a strong linear damper
- A. P. MARKEYEV: The behaviour of a non-linear Hamiltonian one-degree-of-freedom system at the boundary of parametric resonance
- O. V. KHOLOSTOVA: Some problems of a motion of a pendulum with horizontal oscillations of its support
- A. D. MOROZOV: A pendulum with an oscillating point of support
- A. M. TER-KRIKOROV: Internal waves and vortices in a stratified fluid
- Yu. V. KHISTOVICH and Yu. D. CHASHECHKIN: Reflection of internal gravity wave bundles from a plane rigid surface
- V. Ya. TERESHCHENKO: The formulation of the boundary element variational method that improves the accuracy of the approximation
- N. V. BANICHUK and A. Yu. ISLINSKII: Some features of the problems on buckling and vibrations of rectangular plates
- A. P. GLINOV: Analysis of flexural oscillations of a beam caused by the motion of a linear load
- I. G. GORYACHEVA, A. P. GORYACHEV and F. SADEGHI: Rolling/sliding contact of elastic bodies with thin viscoelastic coatings
- D. D. ZAKHAROV: Statement of boundary-value problems for thin asymmetric anisotropic laminates and their solution using functions of a complex variable.
- I. I. VOROVICH, O. D. PRYAKHINA, O. M. TUKUDOVA and M. R. FREIGEIT: An approach to solving the dynamic problems for laminated electroelastic and anisotropic media
- I. V. SIMONOV: Estimates for pressures, temperatures and drag at the supersonic flow of a medium past blunt bodies
- Yu. N. GORDEYEV: A hydraulic fracture in transversely isotropic poroelastic medium
- A. B. RODIN and I. S. SHIKIN: The evolution of the Alfven discontinuity in magnetohydrodynamics
- S. M. AIZIKOVICH: Asymptotic solution in the problem of interaction between a plate and a foundation inhomogeneous with respect to depth
- A. A. YEVTUSHENKO, A. KACZYNSKI and S. J. MATYSIAK: The stressed state of a multilayered elastic composite with thin linear inclusion