

JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE

Volume 66, No. 5, 2002

L. D. AKULENKO, S. A. KUMAKSHEV and S. V. NESTEROV: Efficient numerical-analytical solution of isoperimetric variational problems of mechanics by an accelerated convergence method

Yu. I. BERDYSHEV: On the problem of consecutive convergence of non-linear control system of thirdorder with a group of moving points

- G. I. IBRAGIMOV: An optimal pursuit problem in systems with distributed parameters
- K. V. KORLYAKOV and A. G. CHENTSOV: On an example of constructing set-valued quasistrategy by iterative methods
- O. R. KAYUMOV: Globally controllable systems of rigid bodies with multiple stable states of rest
- V. G. VIL'KE and A. V. SHATINA: Slow dissipative evolution of the motion of a viscoelastic sphere in the restricted circular three-body problem
- A. N. KRAIKO: The problem of lubricated theory for journal bearings
- V. G. ZHARINOV: On the exact solutions of three-dimensional problems of viscous and ideal fluid flow around cylindrical surfaces
- V. V. ALEKSEYEV: On a form of the loss of stability of a boundary-layer flow over a flexible surface at high Reynolds number
- A. V. LATYSHEV and A. A. YUSHKANOV: Smoluchowski's problem for molecular gases with account of accommodation coefficients of translational and rotational molecular energy
- A. S. MILYAYEV: Action of a point force in an elastic half-plane with a step
- V. K. LASHCHENOV: Steady motion of an elastic cylinder compressed by a fixed shell
- H. S. KIT, V. V. MYKHAS'KIV and O. M. KHAI: Boundary element analysis of time-harmonic vibration of a plane absolutely rigid inclusion in a 3D elastic solid
- S. N. GAVRILOV and D. A. A. INDEITSEV: On the evolution of a trapped mode of oscillations in the system "a string on an elastic foundation-moving inertial inclusion"
- V. M. ALEKSANDROV: A method for solving an integral equation of two-dimensional contact problems for semibounded bodies
- V. B. ZELENTOV: An asymptotic method for solving transient dynamic contact problems of the theory of elasticity for a strip