



JOURNAL OF APPLIED MATHEMATICS AND MECHANICS

CONTENTS OF NEXT ISSUE

Volume 64, No. 3, 2000

- I. I. VOROVICH: 80th birthday
- A. O. VATUL'YAN, I. I. VOROVICH and A. N. SOLOV'YEV: A class of boundary-value problems in the dynamic theory of elasticity
- A. V. BELOKON', V. A. ERMEYEV, A. V. NASEDKIN and Ye. V. YAKOVENKO: Finite element method block schemes for dynamic problems of acousto-electro-elasticity
- V. I. GULYAYEV, P. Z. LUGOVOI, G. M. IVANCHENKO and Ye. V. YAKOVENKO: Shock wave diffraction on the curvilinear interfaces of transverse-isotropic elastic media
- V. B. ZELENTOV: An asymptotic method in the dynamic unsteady contact problem for an elastic layer
- A. A. ZELENINA and L. M. ZUBOV: The non-linear theory of pure bending of elastic prismatic bodies
- I. Yu. TSVELODUB: An inverse problem for an elastic medium containing physically non-linear inclusions
- G. Ya. POPOV: The axisymmetric mixed problem of elasticity for the circular hollow frustum of a cone
- M. A. ZADOYAN: The condition for low-stresses in piecewise homogeneous wedge of non-linearly elastic materials
- A. A. GUSENKOVA and N. B. PLESHINSKII: Integral equations with logarithmic singularities in kernels for boundary-value problems of the plane elasticity theory for domains with defects
- I. I. ARGATOV: The asymptotic solution of a contact problem with a half-unknown contact zone boundary
- J. SOKOLOWSKII and A. M. KHLUDNEV: On a derivative of the energy functional with respect to crack length in elastic theory
- V. M. ALEKSANDROV and D. A. POZHARSKII: The problem of an annular crack on the interface of an elastic layer and an elastic half-space
- S. A. NAZAROV: Interaction of cracks at brittle fracture. The force and energy approaches
- N. M. BORODACHEV: An elliptic crack with point forces applied to its edges
- A. G. KOLPAKOV and I. G. SHEREMET: Design on laminated plates with given stiffness
- N. N. MOISEYEV: Obituary