

CONTENTS OF NEXT ISSUE

PMM Vol. 35, №1, 1971

- Iu. N. RABOTNOV and Iu. V. SUVOROVA : Creep lag in dynamics of rigid-plastic media
R. HILL : Microscopic measures of deformation and work for deformations of micro-nonhomogeneous media
B. BUDIANSKY : Exact solution for the elastic-plastic problem of stress concentrations
S. A. AMBARTSUMIAN : On a model of a hereditary inelastic body responding differently to tension and compression
V. F. BONDAREVA : Contact problems for the elastic sphere
V. A. BASKAKOV and G. I. BYKOVTSSEV : On reflection of a plane polarized wave from a free surface in a strain-hardening elastic-plastic medium
V. M. ALEKSANDROV and B. I. SMETANIN : On an effective method of solution of non-classical mixed problems of the theory of elasticity
V. A. BABESHKO : Integral equations of convolution of the first kind on systems of segments occurring in the theory of elasticity and mathematical physics
I. P. SEMENOVA and A. E. IAKUBENKO : Electrohydrodynamic flow of an ideal incompressible fluid in plane and circular channels with zero mobility of charged particles
N. N. KRASOVSKII and A. I. SUBBOTIN : On structure of game problems in dynamics
Iu. S. OSIPOV : Differential games of guidance for systems with aftereffects
V. S. PATSKO : On the game problems of programmed control
V. V. RUMIANTSEV : On asymptotic stability and instability of motion with respect to a part of the variables
A. P. PROSKURIAKOV : On the influence of resistance forces on existence of subharmonic oscillation of quasilinear systems
L. A. KOMRAZ : Dynamic models of the Hipp pendulum regulator
V. G. VERETENNIKOV : Ranges of stability in a case close to the critical one
A. L. KUNITSYN : On the stability of the critical case of three pairs of pure imaginary roots in the presence of internal resonance
A. M. SLOBODKIN : On a justification of the principle of the minimum of potential energy in problems of stability of equilibrium of a nonlinearly elastic membrane
G. A. MORAR' and G. Ia. POPOV : On the periodic contact problem for a half plane with elastic stiffeners
V. I. FABRIKANT : Effect of the shearing force and tilting moment on a cylindrical die connected to a transversely isotropic half-space
D. D. IVLEV and A. D. CHERNYSHOV : On equations of the theory of ideal plasticity in terms of components of displacement velocities
A. B. EFIMOV and V. I. MALYI : On approximate solution of problems of linear viscoelasticity
V. I. KERCHMAN : On self-similar solutions of the second kind in the theory of unsteady filtration