CONTENTS OF NEXT ISSUE

PMM Vol. 35, №2, 1971

A. L. GOL'DENVEIZER and E. M. ZVERIAEV : State of stress in unconstrained shells of zero curvature

L. A. SHAPOVALOV : On bifurcation of the forms of equilibrium of elastoplastic rods and rings under the conditions of prolonged loading

S. A. AMBARTSUMIAN, G. E. BAGDASARIAN and M. V. BELUBEKIAN : On the threedimensional problem of magnetoelastic vibrations of a plate

Iu. P. EMETS: The problem of vortices of electric current as an anisotropically conducting medium enters a magnetic field

- S. M. TER-MINASIANTS: Diffraction of a plane wave by a wedge moving with supersonic speed
- B. I. NIKOLAEV and A. A. TUBIN : On stability of convective flow of a binary mixture in a plane thermodiffusive column
- Iu, P. GUPALO and Iu, S. RIAZANTSEV : On mass and heat transfer from a spherical particle in laminar stream of a viscous fluid
- E. A. NOVIKOV : Alternation and scale similitude in the structure of turbulent flow
- L. M. MARKHASHOV : Three-parameter Lie groups close to the group of Galileo and Euclid
- L. K. Lilov : On some properties of dimensionality of action which stabilizes a mechanical system
- Iu.S. OSIPOV : On the theory of differential games of systems with aftereffect
- V. B. KOLMANOVSKII : On optimization of the process of observation under the conditions of delayed information
- A. M. FORMAL'SKII : On the stationary states of controlled systems
- F. L. CHERNOUS KO : Self-similar solutions of the Bellman equation for problems of optimal correction of random disturbances
- B. I. CHESHANKOV : On subharmonic oscillations of a pendulum
- V. N. MAKEEV : On the synthesis of stability of systems by the method of nonlinear programing
- E. D. ZHITEL'ZEIF : On a theorem of existence of a periodic solution of the Liénard equation
- A. M. SKOBEEV : Partial solution of equations of Prandtl-Reuss
- L. Ia. AINOLA : On the inverse problem of natural vibrations of elastic shells
- N. N. BENDICH and V. M. KORNEV : On the density of eigenvalues in problems of stability of thin elastic shells
- S. A. KAS'IANIUK and G. I. TKACHUK : On extremal stresses in the plane problem of the theory of elasticity
- V. A. SHTEINBERG : Convective instability of a binary mixture, in particular in the vicinity of the critical point