

CONTENTS OF NEXT ISSUE

PMM Vol. 39, № 5, 1975

- I. F. VAISBURD and Iu. S. OSIPOV: Differential game of approach for systems with distributed parameters
- A. A. CHIKRII: The problem of evasion in non-stationary differential games
- V. B. KOLMANOVSKII: Application of the perturbation method to some problems of optimal control
- M. Iu. BORODOVSKII, A. S. BRATUS' and F. L. CHERNOUS'KO: Optimal impulsive correction for random disturbances
- F. L. CHERNOUS'KO: Optimal displacement of a pendulum
- L. D. AKULENKO: Investigation of steady modes of disturbed autonomous systems in critical cases
- K. A. ABGARIAN: On the theory of stability of processes during a given interval of time
- B. V. KOLOSOV and E. G. SHIFRIN: On a boundary value problem arising in the study of closed stationary zones of discontinuity in an incompressible fluid
- O. V. VOINOV and A. G. PETROV: On the equations of motion of a liquid with bubbles
- N. Kh. ARUTIUNIAN and S. M. MKHITARIAN: Contact problem of indentation of a die into an elastic half-space with a thin reinforcing layer
- E. I. GRIGOLIUK and V. M. TOLKACHEV: Cylindrical bending of a plate by means of rigid dies
- V. A. BABESHKO and V. E. VEKSLER: Wave excitation in a layer by means of vibrating dies
- N. V. BANICHUK and A. A. MIRONOV: Optimization of vibration frequencies of an elastic plate in an ideal fluid
- V. N. MAKSIMENKO and L. A. FIL'SHTINSKII: Elastic equilibrium of anisotropic shells reinforced by stiffeners
- A. S. KOSMODAMIANSKII and V. A. SHALDYRVAN: Determination of the state of stress and deformation of multiply connected anisotropic plates
- L. S. SAAKIAN: Active stabilization of rotational motion of a rigid body
- E. A. VAGNER and V. G. DEMIN: On a class of periodic motions of a heavy, rigid body about a fixed point
- D. R. MERKIN: On the problem of classification of forces
- S. P. BAKANOV: On some integral relations in the kinetic theory of gases
- S. M. BELOTSEKOVSKII: Mathematical model of aircraft to study nonstationary aerodynamic characteristics
- V. A. SOLOV'EV: The stress field of plane dislocations pileup in an anisotropic theory of elasticity
- V. A. KARPENKO: On the closed solution of the first boundary value problem of the theory of elasticity for a space with a spherical cavity
- S. A. AMBARTSUMIAN, G. E. BAGDASARIAN and M. V. BELUBEKIAN: On equations of magnetic elastic thin shells