

CONTENTS OF NEXT ISSUE

Volume 46, Issue 4, 1982

- REGIRER S.A.: On models of biological continuous media.
- RUBANOVSKII V.N.: Stability of steady motions of a rigid body with an elastic shell partially filled with a liquid.
- MARKEEV A.P.: On the motion of a heavy homogeneous ellipsoid on a fixed horizontal plane.
- KARAPETIAN A.V.: On the regular precession of a body of revolution on a horizontal plane with friction.
- KOZLOV V.V.: Asymptotic solutions of the equations of classical mechanics.
- DERENDIAEV N.V. and SANDALOV V.M.: On the stability of steady rotation of a cylinder partially filled by a viscous incompressible liquid.
- AKULENKO L.D. and BOLOTNIK N.N.: On controlled rotation of an elastic rod.
- PATSKO V.S.: Differential qualitative game of second order.
- KRASOVSKII A.N. and TRET'IAKOV V.E.: Program design of a differential game with integral payoff.
- VISHNEVETSKII L.S. and MELIKIAN A.A.: Optimal pursuit on a plane in the presence of an obstacle.
- VYBLYI Iu.P. and KOSTIUKOVICH N.N.: Orbital and pericentric systems of measurement in the field of Schwarzschild.
- BEZHANOV K.A.: Regular case of diffraction of a shock wave by a wedge partly-submerged into a liquid.
- DERZHAVINA A.I.: Thermal waves in a supersonic boundary layer with self-induced pressure.
- SVESHNIKOVA E.I.: Simple waves in non-linearly elastic media.
- BOIARCHENKO S.I. and ZUBOV L.M.: Method of averaging in problems of stability of elastic plates with a thin periodic structure.
- KANAUN S.K.: Method of effective field in linear problems of statics of composite media.
- KOLPAKOV A.G.: Effective rigidities of composite plates.
- KOVALENKO E.V. and MANZHIROV A.V.: Contact problem for a two-layer, aging, visco-elastic foundation.
- GENKIN L.V. and KOLMANOVSKII V.B.: Optimization with respect to strength of shape of a viscous elastic non-homogeneously aging reinforced bar.
- NIKOL'SKII M.S.: Approximate calculation of minimum guaranteed estimate in linear differential games with fixed duration.
- AZAMOV A.: On the problem of escape along a fixed curve.
- ANISOVICH V.V.: Optimization of the quadratic criterion of quality by solutions of non-linear two-point boundary value problems.
- ALEKSANDROV V.M. and BRUDNYI S.R.: Two problems with mixed boundary conditions for an incompressible isotropic hyperelastic material.