

CONTENTS OF NEXT ISSUE

Volume 46, Issue 1, 1982

- RUMIANTSEV V.V.: On integral principles for nonholonomic systems.
- SUMBATOV A.S.: On the integrability of the Hamilton-Jacobi equation in generalized coordinates.
- TEREKI I. and KHATVANI L.: On asymptotic stopping in the presence of viscous-friction.
- MARKEEV A.P. and CHEKHOVSKAIA T.N.: On resonant periodic solutions of Hamiltonian systems generated from the position of equilibrium.
- RADVOGIN Iu.B.: Gas flow in the vicinity of an axisymmetric edge.
- DIESPEROV V.N.: Flow past a convex wedge with a free stream line for large subsonic speeds.
- BAUTIN S.P.: Collapse of a one-dimensional cavity.
- KABANOV A.S. and NETREBA S.N.: Free convection from a point heat source in a stably-stratified medium.
- GERSHUNI G.Z., ZHUKHOVITSKII E.M. and SOROKIN L.E.: On stability of convective flow of a binary mixture with thermal diffusion.
- ZINCHENKO A.Z.: Analysis of the effectiveness of gravitational coagulation of drops taking into account internal circulation.
- KLEBANOV L.A., KROSHILIN A.E., NIGMATULIN B.I. and NIGMATULIN R.I.: On hyperbolicity, stability and correctness of the Cauchy problem for a system of equations of two-sided motion of two-phased media.
- KRAIKO A.N.: On the two-fluid model of flow of gas and particles dispersed in it.
- VASIL'EVA N.L. and CHERNYI L.T.: Electrohydrodynamics of two-phased media for charged particles of the dispersive phase under the action of an electric field.
- TERESHCHENKO V.Ia.: On an approach to the study of the Signorini problem using ideas of duality.
- SHACHNEV V.A.: On the state of stress of an isotropic elastic shallow region in the vicinity of a corner.
- SHMATKOVA A.A.: On the motion of a rigid die on the boundary of an orthotropic viscoelastic half plane.
- KIPNIS L.A. and CHEREPANOV G.P.: Contact problem of the theory of elasticity for a wedge.
- AIZIKOVICH S.M.: Asymptotic solution of contact problems of the theory of elasticity for media nonhomogeneous with depth.
- IVANOV V.A. and CHERNOV I.A.: Example of the solution of transonic equations for shock-free flow past a symmetric profile.
- BRATUKHIN Iu.K. and MAURIN L.N.: Stability of thermocapillary convection of a fluid filling the half space.
- BERKOVICH L.M.: On the integrability of the Hilden-Meshcherskii problem.
- IGNAT'EV A.O.: On stability of the equilibrium position of vibratory systems with variable coefficients.