CONTENTS OF NEXT ISSUE

Volume 46, Issue 5, 1982

POZHARITSKII G.K.: Isaac's problem of moving around an island.

KLEIMENOV A.F.: Equilibrium coalitional counter-strategies in differential games with many players.

DZHAFAROV V.Ia.: Regular programed maxi-minimum in differential games.

PITTSYK M.V. and CHIKRII A.A.: On the problem of group pursuit.

OVSEEVICH A.N. and CHERNOUS'KO F.L.: Two-sided estimates of attainable regions of control systems.

LEBEDEV D.V.: On the control by translational-rotational motion of a rigid body.

VERETENNIKOV V.G. and ZAITSEV V.V.: Necessary and sufficient conditions of stability in the large.

RUBANOVSKII V.N.: On bifurcation and stability of steady rotations of a heavy rigid body in the case when its mass center is located near the principal plane of the ellipsoid of inertia.

BELYKH V.N. and LEBEDEVA L.V.: Study of a particular circumference mapping.

- PEKUROVSKII L.E.: Supersonic flow over a thin wedge intersected by a front of an external plane compression shock.
- MARTIUSHOV S.N.: Interaction of a shock wave and a rarifaction wave in the problem of the angular piston.
- NI A.L.: On the analogy between wave motions of chemically active and two-phase media.
- FURSIKOV A.V.: Statistical extremum problems and the unique solvability of three-dimensional Navier-Stokes systems for almost all initial conditions.
- AGRANAT V.M.: On non-uniqueness and instability of stationary burning regimes in the boundary layer for intensive injection.

ZELENTSOV V.B.: On the solution of a class of integral equations.

NAKHMEIN E.L. and NULLER B.M.: On quasi-periodic boundary value problems and their application in the theory of elasticity.

KULIKOVSKII A.G. and SVESHNIKOVA E.I.: Investigation of the shock adiabatic of quasi-transverse shock waves in an initially stressed elastic medium.

- L'VOV G.I.: Variational formulation of the contact problem for linearly elastic and physically nonlinear shallow shells.
- AVILKIN V.I. and KOVALENKO E.V.: On a dynamic contact problem for a composite foundation.
- EMIKH V.N.: Analysis of two-dimensional steady filtration in a soil layer with a strongly permeable foundation.
- IVLEV D.D. and ROMANOV A.V.: On generalization of the Prandtl solution in spherical coordinates.
- PODGAETSKII E.M.: Diffusion in a boundary layer on a plate with nonhomogeneous chemical properties.
- CHISTIAKOV S.V: On functional equations in games of encounter at a prescribed instant.

564