

CONTENTS OF NEXT ISSUE

Volume 48, Issue 4, 1984

- KRASOVSKII N.N.: The control problem under conditions of incomplete information.
- RUMIANTSEV V.V.: On the dynamics of Lagrangian rheonomic systems with constraints.
- KLEIMENOV A.F.: Analysis of a hierarchical differential game of two people.
- BOTKIN N.D., KEIN V.M. and PATSKO V.S.: Model problem on control by means of sideways motion of an airplane during landing.
- SOLOMATIN A.M.: Game problem of approach-evasion for a linear system with integral bounds on control of players.
- KHAIDAROV B.K.: Positional l -pursuit in the game of one escapee and several pursuers.
- CHIKRII G.TS.: On the search of a fixed target by a moving object.
- FEDUNOV B.E. and KHLEBNIKOV S.N.: Synthesis of optimal control by a linear system with two-phase bounds.
- BLINOV A.P.: On the estimate of the controllable region in non-linear systems.
- PANASIUK A.I.: Introduction of algebraic operations on the set of trajectories of a controlled non-linear system.
- POKOTILO V.G.: On the study of minimax estimates of parameters of non-linear systems.
- MORDUKHOVICH B.SH.: On the theory of duality in systems with retardation.
- IVANOV A.P. and MARKEEV A.P.: On dynamics of systems with one-sided constraints.
- ZEVIN A.A.: Some conditions of existence and stability of periodic oscillations in non-linear non-autonomous Hamiltonian systems.
- AKULENKO L.D.: Forced periodic motions of a quasilinear system with retardation.
- BRATUS' A.S. and SEIRANIAN A.P.: Sufficient conditions for an extremum in problems of optimization of proper values.
- SMETANIN B.I. and SOBOL' B.V.: On longitudinal vibrations of the edges of a plane crack in an elastic layer.
- BUROV A.A.: The Lagrangian problem on mean perihelic motion of mechanics.
- RAKHULA M.O.: Realization of holonomy during the motion of mechanisms.
- ZHUPIEV A.L. and MIKHLIN I.U.V.: Conditions of finiteness of the number of instability zones in the problem on normal vibrations of non-linear systems.
- KASATKIN G.V.: On the hypothesis of extremum properties of stable resonance motions.
- TSOPA M.P.: On vibration of a gyrostat in the vicinity of stable, permanent rotations.
- BUNOV A.V., DEMEKHIN E.A. and SHKADOV V.IA.: On non-uniqueness of non-linear wave solutions in a viscous layer.
- SUVOROVA T.V.: Influence of a narrow cylindrical mine on the wave field generated by a concentrated force in an elastic domain.
- VAKULENKO A.A.: On the problem of the possibility of non-invertible quasistatic processes in a macrosystem.