CONTENTS OF NEXT ISSUE

PMM Vol. 38, Nº 4, 1974

- A. G. CHENTSOV: On a differential game of approach-evasion
- V. I. UKHOBOTOV: On a class of linear differential games of impulsive control
- E. L. TONKOV: Control of a nonlinear system by a linear approximation
- P. VILLEMS: Analysis of stability of dynamical systems with constraints and integrals of motion
- V. N. RUBANOVSKII: On bifurcation and stability of stationary motions in some problems of dynamics of a solid body
- V. V. KREMENTULO: On stabilization of rotational motion of a solid body with flywheels in a Newtonian force field
- N. A. FUFAEV and R. A. CHESNOKOVA: Study of the dynamics of a synchronous motor by asymptotic methods
- A. G. TSYPKIN and A. A. SHTEIN: Model of a viscous compressible multi-component fluid taking into account the effects of polarization and magnetization
- O. A. SINKEVICH: On the character of loss of stability in nonequilibrium magnetized plasma
- A.P. TSVETKOV: Self-similar nersonic flows with oblique density jump
- G. M. BAM-ZELIKOVICH: On parameters of second order influencing the separation of a three-dimensional boundary layer
- M. I. CHEBAKOV: Impact of a circular disk on a liquid of shallow depth
- P. P. MOSOLOV and V. P. MIASNIKOV: Boundary layer in the problem of longitudinal motion of a cylinder in a visco-plastic medium
- L. I. BALABUKH and M. G. IAKOVENKO: Equations of bifurcation of equilibrium of an elastic isotropic body in terms of rates of change of Lagrangian coordinates
- M.Sh.SHTEIN: On an approximate method of solution of the equations of the theory of ideal plasticity
- A. N. SPORYKHIN and V. G. TROFIMOV: On plastic instability in some cases of simple flow
- G. T. ZHORZHOLIANI and A. I. KALANDIIA: Influence of rigid inclusion on the stress intensity near crack tips
- A. P. DATSYSHIN and M. P. SAVRUK: Integral equations of the plane problem of crack theory
- V. M. RESHETOV: On a linear differential game of evasion
- A. N. BAUTIN: Qualitative study of a piecewise linear system
- B. I. CHESHANKOV: Two-frequency resonance vibrations of conservative systems
- A. A. BOGOIAVLENSKII: On the question of particular solutions of the problem of motion of a gyroscope in a Cardan suspension
- M. Iu. ZHUKOV and L. S. SRUBSHCHIK: On asymptotic values of the upper critical pressure of nonshallow spherical shells
- I. A. KRYLOV and L. P. REMIZOV: Problem of the optimal ski jump