CONTENTS OF NEXT ISSUE

PMM Vol. 39, № 3, 1975

- A. I. SUBBOTIN and V. N. USHAKOV : An alternative for the differential game of pursuit evasion in the presence of integral control constraints of the players
- N. N. SUBBOTINA and A. I. SUBBOTIN : An alternative for the differential game of pursuit evasion in the presence of control impulse constraints of the players
- V.V.KOZLOV: New periodic solutions for the problem of motion of a heavy, rigid body about a fixed point
- A.S. OZIRANER : On stability od motion for critical cases
- V. P. PROKOP'EV : On stability of motion with respect to a part of variables in the critical case of one zero root
- V. M. KOROVIN : On stability of laminar flow of a layer of conducting fluid in a transverse electric field
- V. V. USHAKOV : Propagation of a plane two-phase electro-hydrodynamic jet with small mobility of charged particles in a homogeneous turbulent flow
- B. M. MARKEEV : On diffusion gliding of a binary gas mixture
- Iu. V. AFANAS'EV, E. G. GAMALII, O. N. KROKHIN and V. B. ROZANOV : Acceleration, compression and stability of a plane layer of a substance under the action of laser radiation
- O.S. RYZHOV and E.D. TERENT'EV : On three-dimensional hypersonic flows
- A. I. BUNIMOVICH and V. G. CHISTOLINOV : Analytical method of analysis of aerodynamic forces in the three-dimensional problem under the conditions of "the law of locality"
- V.T.GRIN', A.N.KRAIKO and N.I.TILLIAEVA : Study of stability of ideal gas flow in a quasi-cylindrical channel
- I. N. DOROKHOV, V. V. KAFAROV and R. I. NIGMATULIN : Methods of continuum mechanics to describe multi-phase, multi-component mixtures with chemical reactions and processes of heat and mass transfer
- Iu. P. GUPALO, Iu. S. RIAZANTSEV and V. I. ULIN : Diffusion to the particle in a homogeneous translational-shear flow
- V. A. BABESHKO: Static and dynamic contact problems with adhesion
- M, L, BURYSHKIN : On static and dynamic analysis of one-dimensional regular systems
- D. V. GRILITSKII and G. T. SULIM : Periodic problem for an elastic plane with thinwalled inclusions
- V. N. MOSKALENKO : Frequency spectra and mode shapes of doubly-periodic systems
- M. G. GRINGAUZ and L. A. FIL'SHTINSKII : Theory of an elastic linearly-reinforced composite material
- G.G.SUTYRIN and N.G.TAKTAROV : On the stability of a tangential discontinuity in a magnetizing medium
- V. I. RIZUN and Iu. K. ENGEL'BREKHT : On the application of the Burger's equation with a variable coefficient to the study of not-plane transient wave processes
- V. V. KALINCHUK : On a dynamic problem for an infinite cylinder
- B. M. NULLER: Contact problems for strips and rectangular plates reinforced by bars

- A. Z. ZHURAVLEV, L. S. URA ZHDINA and V. I. URA ZHDIN : Application of the operational method to the solution of the initial characteristic value problem of the plane theory of plasticity
- A. I. KORNEEV : Karman's hypothesis and power laws of energy change and linear scale of turbulence

.....

364