

CONTENTS OF NEXT ISSUE

PMM Vol. 34, №5, 1970

- N. N. KRASOVSKII : Sufficient conditions of encounter realization in a differential game
L. K. LILOV : On the determination of the smallest number of controls which stabilize equilibrium positions
- N. N. BARABANOVA and A. I. SUBBOTIN : On continuous strategies of evasion in game problems on encounter of motions
- A. G. PASHKOV : On a game of approach
- B. N. SOKOLOV and F. L. CHERNOUS'KO : Differential games with information lag
- N. N. PETROV : On the Bellman function for the problem of optimum high speed action
- V. B. KOLMANOVSKII : Optimum control of systems with a delay in the selection of initial conditions
- A. M. FORMAL'SKII : The problem of high speed action in systems with control forces bounded in magnitude and impulse
- N. N. BAUTIN : Qualitative investigation of an equation in the theory of phase self-construction of frequency
- M. I. FEIGIN : Doubling of a period of oscillations for S-bifurcations in continuous systems
- I. I. VOROVICH and I. G. KADOMTSEV : Qualitative investigation of state of deformation and stress of a three-layered plate
- G. S. MARKMAN and V. I. IUDOVICH : On the stability of compressed bars
- A. D. CHERNYSHOV : On the propagation of shock waves in an elastic medium for finite deformations
- E. N. POTETIUNKO and L. S. SRUBSHCHIK : Asymptotic analysis of wave motions of a viscous fluid with a free boundary
- K. I. BABENKO : On asymptotic behavior of a vortex away from a body in plane flow of a viscous fluid
- S. I. ANISIMOV and Iu. I. LYSIKOV : On the expansion of a gas cloud into a vacuum
- Iu. S. VAKHRAMEEV : Some similarity relations for the motion of a granular compacting medium
- A. V. BELOKON' and R. A. GRUNTFEST : On the problem of gliding of a plate on the surface of a heavy ideal liquid of finite depth
- V. V. DUDUKALENKO and V. A. MINAEV : On an analysis of plasticity limit of composite materials
- A. V. KOSTAREV and V. K. PROKOPOV : Relations of generalized orthogonality for some problems of the theory of elasticity
- A. L. GOL'DENVEIZER : On the frequency density of oscillations of thin shells
- F. Kh. TSEL'MAN : On the transfer of energy between nonlinear coupled oscillators in the case of resonance of third order
- Iu. A. SADOV : The action-angle variables in the problem of Euler-Poinsot
- V. V. KREMENTULO : On optimum stabilization of rotational motion of a gyrost in a Newtonian force field
- Iu. A. ARKHANGEL'SKII : On the motion of a Hess gyroscope