

CONTENTS OF NEXT ISSUE
PMM Vol. 43, Issue 5, 1979

- L. D. AKULENKO, D. D. LESHCHENKO and F. L. CHERNOUS'KO; Perturbed motions of a rigid body close to the case of Lagrange
- A. V. GORSHKOV; On optimum stabilization of the rotational motion of a gyrostat
- A. P. IVANOV; Study of the stability of Lagrangian solutions of the plane unbounded problem of three bodies
- A. S. ANDREEV; On asymptotic stability and instability of nonautonomous systems
- R. Z. ABDULLIN and L. Iu. ANAPOL'SKII; On the theory of practical stability
- E. A. GERSHBEIN and S. A. IUNITSKII; Study of a hypersonic three-dimensional viscous shock layer in the vicinity of the critical point in the presence of blowing or suction
- I. I. VIGDOROVICH; Strong blowing of a fluid in hypersonic flow with the surface of a plate of finite length
- V. V. KIRIUSHIN; Nonlinear phenomena in a magnetized fluid with internal moment of momentum
- A. I. KALANDIA; Plane problem of the theory of elasticity for a multiply connected region
- A. D. SHAMROVSKII; Asymptotic integration of static equations of the theory of elasticity in Cartesian coordinates with an automated search of integration parameters.
- A. L. POPOV and G. N. CHERNIYSHEV; On resonant frequencies of shells vibrating in an infinite fluid
- P. E. KRASNUSHKIN; On excitation of normal and adjoint waves in an infinite layered elastic strip
- A. S. KRAVCHUK; On duality in contact problems
- V. I. KUZ'MENKO; On a variational approach in the theory of contact problems for nonlinearly elastic layered bodies
- E. Iu. BATEN'KOVA, A. S. ZIL'BERGLEIT and B. M. NULLER; Contact problems of forced stationary vibrations of shells on an elastic layer, half-layer and rectangle
- L. A. KIPNIS; Crack along the extension of the edge of a wedge surrounded by a half-space
- A. V. CHIGAREV; Calculations of a dynamic Green's tensor of a stochastically non-homogeneous elastic medium
- I. P. GETMAN and Iu. A. USTNIOV; On the theory of nonhomogeneous electro-elastic plates
- U. K. NIGUL and A. A. RAVASOO; Application of the second asymptotic approximation of distortion of a impulse in acousto-diagnostics of a layer on a half-space
- I. A. KONOVALOV; Monoperiodicity and aperiodicity of dynamic systems of second order
- N. G. APYKHTIN; On vibrations of a rigid body in the vicinity of stable permanent rotations
- V. I. TSURKOV; Decomposition in dynamic problems with control
- V. K. SAFONOV and V. F. FEDOSEEV; Granule formation in cryogenic fluids