

## CONTENTS OF NEXT ISSUE

Volume 44, Issue 6, 1980

- IVANOV A.P. and SOKOL'SKII A.G.: On stability of a nonautonomous Hamiltonian system in the presence of parametric resonance of the basic type
- ZHAVNERCHIK V. E: On the problem of stability in the presence of multiple resonance of odd order
- SIRAZETDINOV T. K: Stability of a set of processes with aftereffect
- CHELNOKOV Iu. N: On the theory of a gyroscopic pendulum
- KOVALEV A. M: Stability of uniform rotations of a heavy gyrostat about a principal axis
- BOGAEVSKII V. N. and OSTREER L. A: On rapid rotation of a heavy rigid body about a fixed point
- KOROTKII A. I: On approximation of problems of positional control
- LARIN V. B: Optimization of periodic systems
- ZARUBIN A. G. and NGO ZUI KAN: On convection in a fluid contained in a cavity of a moving rigid body
- RYZHOV O. S: On nonstationary three-dimensional boundary layer interacting freely with external flow
- TERESHCHENKO V. Ia: Dual variational problems for boundary functionals of the linear theory of elasticity
- KOLOS A. V: On equations of the state of stress in a plate of variable thickness
- SHALDYRVAN V. A: Three-dimensional Kirsch problem for a transtropic plate
- LEBEDEV L. P: On generalized formulation of the problem of equilibrium of an elastic strip
- LARCHENKO V. V: Asymptotic analysis of nonaxially symmetric forms of equilibrium of a thin shallow spherical shell
- BOLOTIN V. V: On the density of parametric resonances
- GUZ' A. N. and ZHUK A. P: On the influence of initial stresses on the velocity of Stoneley waves
- UMANSKII S. E: On the construction and study of solutions of boundary value problems of thermo-visco-elasticity
- SOLOV'EV A. I: Pressure of a circular die on a composite layer
- BORZYKH A. A. and CHEREPANOV G. P: On the theory of disintegration of solid bodies subjected to powerful impulsive electron beams
- KANAUN S. K: Poisson distribution of cracks in an elastic continuous medium
- DIMENTBERG M. F: Exact solution of a problem of vibration of systems with random parametric excitation
- GORBACHEV L. P., GRIGOR'EV V. G. and LOVETSKII E. E: Some problems of motion of incompressible visco-granular materials