CONTENTS OF NEXT ISSUE

PMM Vol. 26, No. 3, 1962

- On the 60th Anniversary of Birth of L.N. Sretenskii
- A.A. SVESHNIKOV: On the motion of a gyroscopic pendulum under random displacements of its suspension point
- V.N. KOSHLIAKOV: On stability of a gyrohorizoncompass in the presence of dissipative forces
- Ia.N. ROITENBERG: Some problems of the theory of dynamic programming for nonlinear systems
- V.A. TROITSKII: Variational problems of optimization of control processes in systems with bounded coordinates
- M.F. PRITULO: On the determination of uniformly exact solutions of differential equations by the method of perturbation of coordinates
- K.G. VALEEV: On linear differential equations with exponential coefficients and stationary argument lags. Regular case
- G.F. FILIMONOV: On calculation and investigation of particular solutions of generalized Hill equations
- K.N. STEPANOV and V.V. KHOMENIUK: On stability conditions of equilibrated magnetohydrodynamic configurations
- B.L. ABRAMIAN and A.A. BABLOIAN: On a contact problem associated with torsion of a hollow semisphere
- A.I. KUZNETSOV: Indentation of rigid dies into semispace with a power law of hardening and with nonlinear creep of the material
- I.G. TEREGULOY: On variational methods in the solution of problems of steady creep of plates and shells in the case of finite displacements
- G.I. BARENBLATT and A.Iu. ISHLINSKII: On the impact of a visco-plastic bar on a rigid barrier
- K.A. LUR'E: On the propagation of disturbances in systems with nonlinear boundary conditions

- G. Ia. LIUBARSKII: On the existence of shock waves of small intensity
- M.N. KOGAN: On hypersonic flows of a rarified gas
- G.A. LIUBIMOV: On the solution of some problems of magnetohydrodynamics for anisotropic conduction
- E.G. SAKHNOVSKII and Ia.S. UFLIAND: Influence of conduction anisotropy on nonsteady motion of a conducting gas in a plane channel
- A.B. VATAZHIN and S.A. REGIRER: Approximate analysis of current distribution during flow of a conducting fluid along a channel in a magnetic field
- S.S. GRIGORIAN: On the paper by Z.N. Dobrovol'skaia "Penetration of a wedge into compressible semispace"
- L. V. CHERKESOV: On the development of waves on the free surface and the separation surface of two fluids under the action of moving pressures
- A.I. LEONOV: Slow stationary flow of a viscous fluid past a porous sphere
- V.S. GALKIN: On the lifting force in free molecular flow
- Iu. A. ARKHANGEL'SKII: On single-valued integrals in the problem of motion of a rigid body in a Newtonian force field
- S.V. FAL'KOVICH: On the theory of quasilinear equations
- V.A. PAL'MOV: Thin plate under the action of random loading
- L.V. ERSHOV: On the influence of the Bauschinger effect on the loss of stability of a compressed strip
- P.I. PERLIN: On plasticity equations for a certain limiting condition
- M.M. FILONENKO-BORODICH (deceased): On the plane wedge problem
- A.F. RAKOV: Analysis of parallel beams on an elastic foundation