

CONTENTS OF NEXT ISSUE

PMM Vol. 24, No.1, 1960

- N.G. CHETAEV: Biographical outline
- N.G. CHETAEV: Certain questions related to the stability problem of unsteady motions
- N.G. CHETAEV: On stability of rough systems
- N.G. CHETAEV: Klein's problem
- N.G. CHETAEV: Remarks regarding the classical Hamilton theory
- N.G. CHETAEV: On certain constraints with friction
- V.I. KIRGETOV: On freeing [removal of constraints] of material systems
- V.V. RUMIANTSEV: A theorem on stability of motion
- S.H. SHIMANOV: On stability of motion of a system with time lag
- N.N. KRASOVSKII: On optimum control with random perturbations
- G.Iu. DZHANELIDZE and A.I. LUR'E: On the application of integral and variational principles of mechanics in vibration problems
- Ia.N. ROITENBERG: On the placement of a gyroscopic compass into a meridian during the acceleration of the gyroscope rotors
- I.I. MEZHIROV: On the turbulent boundary layer of an imperfect compressible gas
- M.N. KOGAN: Plane flow of an ideal gas with infinite electric conductivity in a magnetic field, not parallel to the flow velocity
- V.P. KOROBEINIKOV and E.V. RIAZANOV: Some solutions of the equations of one-dimensional magnetohydrodynamics and their application to problems on shock wave propagation
- G.G. CHERNYI: Application of integral relations in problems on propagation of strong shock waves.
- N.V. ZVOLINSKII: On the radiation of an elastic wave due to a spherical explosion in the ground

- I.V. SVIRSKII: The use of similarity concepts to improve the convergence of the process of successive approximations in shell analysis
- D.D. IVLEV: On properties of relations of the law of anisotropic hardening of a plastic material
- P.S. KURATOV and V.I. ROZENBLIUM: On the integration of equations of unsteady creep of solid bodies
- A.I. SAFRONCHIK: Unsteady flow of a visco-plastic material in a circular tube
- N.I. AKATNOV: Application of Mises' variables to the problem of propagation of a laminar jet along a wall
- G.N. PYKHTEEV: Cavitation flow of an ideal incompressible fluid in a slit
- V.P. SHIDLOVSKII: Laminar boundary layer in an infinite disk rotating in a gas
- K.B. PAVLOV: On the theory of motions of the type of Prandtl-Maier
- A.D. LISUNOV: On the theory of unsteady supersonic gas flow past a wing of finite span
- I.M. IUR'EV: On the solution of equations of magneto-gasdynamics
- N.G. CHETAEV: Review of scientific activities
- N.G. CHETAEV: List of publications