CONTENTS OF NEXT ISSUE

PMM Vol.30, № 1, 1966

L.M. MARKHASHOV: On conformal-invariant motions of a material point

V.V. TOKAREV: Some considerations of reliability in problems of optimum guidance

A.Iu. ISHLINSKII and M.E. TEMCHENKO: On stability of rotation on a string of a rigid body with an ellipsoidal cavity, completely filled with an ideal incompressible liquid

V.V. KREMENTULO: On optimum stabilization of a rigid body with a fixed point with the aid of flywheels

V.V. RUMIANTSEV: On the theory of motion of rigid bodies with cavities filled with liquid

N.A. FUFAEV: On idealization of the contact surface in the form of a point contact in rolling problems

G.I. BARENBLATT: On the effects of small vibrations in the deformation of polymers

G.P. CHEREPANOV: On the propagation of cracks in compressed bodies

A.L. GOL'DENVEIZER: Qualitative analysis of free vibrations in an elastic thin shell

I.I. VOROVICH and V.V. KOPASENKO: Some problems of the theory of elasticity for a half-strip

L.S. SRUBSHCHIK and V.I. IUDOVICH: Remarks on the stability of membrane solutions in the nonlinear theory of plates and shells

V.M. ALEKSANDROV, V.A. BABESHKO and V.A. KUCHEROV: Contact problems for the elastic layer of small thickness

B.L. ABRAMIAN, N.Kh. ARTIUNIAN and A.A. BABLOIAN: On symmetric pressure of a round die on the elastic half-space in the presence of adhesion

A.G. KULIKOVSKII: On the stability of homogeneous states

S.A. REGIRER and I.B. CHEKMAREV: Stationary flows of anisotropically conducting medium in half-space

A.F. SIDOROV: On nonstationary gas flows contiguous to the region at rest

M.A. LAVRENT'EV: On some problems of the motion of a liquid in the presence of free surfaces

V.I. ARNOL'D: On the topology of three-dimensional stationary flows of an ideal fluid

G.I. MAIKAPAR: Wing with maximum aerodynamic properties for hypersonic speeds

V.V. KELDYSH: Intersection in space of two plane density jumps

L. BERKA: On the formulation of the first boundary problem for the axisymmetric state of stress in bodies of revolution

B.V. KOSTROV: Diffraction of a plane wave at a rigid wedge placed without friction into an infinite elastic medium

A.A. BOGOIAVLENSKII: Theorems of interaction of parts of a mechanical system