

CONTENTS OF NEXT ISSUE

PMM Vol. 35, №4, 1971

- E. G. AL'BREKHT : On the encounter of quasilinear objects in the regular case
V. S. SHISHMAKOV : The game problem of evasion with information lag
V. S. PATSKO : On a differential game of second order
V. P. KHATSKEVICH : On the problem of analytical construction of guidance for systems
with distributed parameters with control on boundary functions
V. B. KOLMANOVSKII : Optimum combination of control and observation
A. N. KRAIKO and N. I. TILLIAEVA : Solution of the variational problem of the deter-
mination of the contour of a compound nozzle
B. M. BULAKH : On one type of interaction of the boundary layer and an outer (inviscid)
stream at supersonic speeds
V. I. IUDOVICH : Generation of auto-oscillations in a fluid
V. N. DANILOV and V. A. SYROVOI : Approximate solution of Cauchy's problem for
Laplace's equation applicable to the problem of formation of dense spatially
heterogeneous bundles of charged particles
V. G. BOGOVOI and B. M. NULLER : Pressure of a plane circular stamp on an elastic half-
space with a cavity or inclusion
A. A. KHRAPKOV : Some cases of elastic equilibrium of an infinite wedge with asym-
metric cut at the apex under the action of concentrated forces
A. Ia. LAKHE and U. K. NIGUL : Algorithm of the method of characteristics for the
analysis of nonlinear, one-dimensional wave processes of deformation in conical
and cylindrical shells
A. G. ASLANIAN and V. B. LIDSKII : Spectrum of the system which describes oscillations
of a shell of revolution
A. M. KOVALEV : Conservation of integrals of motion for small changes of Hamilton's
function in some cases of integrability of the equations of motion of a gyrostat
V. B. ORLOV and K. F. CHORNYKH : Properties of symmetric tensors of second rank and
the structure of the elastic potential
B. A. VASIL'EV : Elastic equilibrium of a single sheet hyperboloid of revolution for
prescribed displacements at the boundary
V. M. TOLKACHEV : Effect of sharp stamps on a cylindrical shell of infinite length
G. I. PSHENICHNOV : Exact solutions of some problems of vibration of fluids in elastic
momentless shells
V. M. LEVIN : On the relation between the mathematical expectations of the tensors of
stress and strain in elastic microheterogeneous media
V. G. GROMOV : Representation of the resolvents of operators of viscoelasticity by
means of spectral distribution functions
G. A. GRINBERG and V. A. KOSS : On some exact solutions of the Fourier equation for
regions changing in time