JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE Volume 59, No. 2, 1995

F. L. CHERNOUS'KO: Dynamics of roll-up for a space tethered system

- I. E. BIRMAN and G. V. GORR: On the precessive motion of two solid bodies under gravity
- V. G. BLINOVA and A. M. LIN'KOV: A method for finding asymptotic forms at the common vertex of elastic wedges
- L. M. ZUBOV and A. N. RUDEV: On necessary and sufficient conditions for ellipticity of equations governing the equilibrium of a non-linear elastic medium
- V. M. MALKOV: The equations of viscoelasticity for an elastomeric layer
- A. V. KHOKHLOV: Solution of two-dimensional elasticity problems by minimizing boundary residual in the biharmonic function set
- M. V. DOLOTOV and I. D. KILL': Thermal shock on the boundary of a half-space in the case of axial symmetry
- P. V. BULAVIN and I. N. SHARDAKOV: Boundary elements approach to solving three-dimensional elasticity problems by the method of geometric embedding
- G. I. NAZAROV: Torsion of cylindrically anisotropic bodies of revolution possessing a twodimensional non-homogeneity
- V. M. ALEKSANDROV and L. A. KIPNIS: Slip-line at the end of a punch being indented into a half-plane
- V. B. VASIL'EV: Integral equation for some problem on the indenting of a wedge-like punch
- V. L. KOLPASHCHIKOV and A. I. SHNIP: Thermodynamic restrictions of constitutive equations in thermoviscoelasticity: new correlation of cross-effects
- Yu. A. ANTIPOV: A crack on the division line of elastic media in the presence of dry friction
- V. V. BOLOTIN and V. L. LEBEDEV: Mechanics of fatigue crack growth in a medium with micro damage
- A. M. KHLUDNEV: Contact problem for a shallow shell with a crack
- N. F. MOROZOV and M. A. NARBUT: Antiplane deformation of an elastic wedge under a load concentrated in the neighbourhood of the corner point
- R. V. NAMM: On the uniqueness of a smooth solution in a static problem with Coulomb's friction and two-side contact
- E. N. POTETYUNKO and D. B. ROKHLIN: Asymptotic form of the fundamental solution of the equation of perturbations propagation in a one-dimensional medium with low viscosity
- G. P. PANASENKO: Homogenization of the system of viscous fluid motion in porous media
- A. A. LOKSHIN: Interaction of non-linear waves and the factorization method