



JOURNAL OF APPLIED MATHEMATICS AND MECHANICS CONTENTS OF NEXT ISSUE Volume 71, No. 5, 2007

Leonid Ivanovich Sedov (on the 100th anniversary of his birth)

A. N. GOLUBYATNIKOV, S. I. ZONENKO and G. G. CHERNYI: New models of explosion-accelerated shells

A. N. KRAIKO: Spherically and cylindrically symmetric fast strong compression of ideal gas

A. G. KULIKOVSKII, A. V. LOZOVSKII and N. T. PASHCHENKO: On the development of disturbances on a weakly non-uniform background

A. P. CHUGAINOVA: Self-similar asymptotics of wave problems and structures of non-classical discontinuities in non-linear elastic media with dispersion and dissipation

O. V. VOINOV: Symmetries of slow motion and equilibria of continua

V. M. ZHDANOV and G. A. TIRSKII: Diffusion and heat transport in multicomponent gas mixture and plasma: phenomenological and kinetic approaches

A. N. BOGDANOV and V. N. DIYESPEROV: Viscosity effect on the transonic flow near a corner point

V. A. ANDRUSHCHENKO, N. G. SYZRAKOVA and YU. D. SHEVELEV: Evaluation of heat transfer to blunt bodies moving with hypersonic velocity in the atmosphere

S. M. ZEN'KOVSKAYA: Long-wave oscillatory Marangoni instability in a horizontal fluid layer

A. V. KISTOVICH and YU. D. CHASHECHKIN: Regular and singular components of periodic flows in a fluid interior

V. M. PAIMUSHIN: Problems of geometrical non-linearity and stability in mechanics of thin shells and rectilinear beams

Obituary: V. V. Rumyantsev