



ANNOUNCEMENT TO AUTHORS AND READERS OF THE *JOURNAL OF APPLIED MATHEMATICS AND MECHANICS*

Elsevier Science Ltd, publishers of the English translation of the journal *Prikladnaya Matematika i Mekhanika*, annually award a prize of \$1000 for the best papers published in the journal.

On 15 July 1997 the Editorial Board decided to award this prize to the authors of the following papers published in 1996.

1. O. Yu. DINARIYEV (Moscow): The stability of steady filtration flows of a gas-condensate mixture. Vol. 60, No. 5, pp. 768-777 (English translation pp. 759-769). \$250.
2. V. V. KOZLOV (Moscow): An extension of the Hamilton-Jacobi method. Vol. 60, No. 6, pp. 929-939 (English translation pp. 911-920). \$250.
3. A. G. KULIKOVSKII and E. I. SVESHNIKOVA (Moscow): The existence and uniqueness of self-similar solutions involving Jouguet points on the shock adiabatic curve. Vol. 60, No. 1, pp. 66-71. (English translation pp. 61-65). \$250.
4. Ye. S. PYATNITSKII (Moscow): Complete controllability criteria for classes of mechanical systems with bounded controls. Vol. 60, No. 5, pp. 707-718 (English translation pp. 703-712). \$250.

The Editorial Board also decided to award prizes to the authors of the following papers published in 1996.

1. D. M. AZIMOV (Tashkent): Analytic solutions for intermediate-thrust arcs of rocket trajectories in a Newtonian field. Vol. 60, No. 3, pp. 426-432 (English translation pp. 421-427).
2. E. L. AERO, N. M. BESSONOV and A. N. BULYGIN (St Petersburg): Dynamics of a liquid with momentum anisotropy. Vol. 60, No. 5, pp. 778-785 (English translation pp. 769-775).
3. A. V. KARAPETYAN and S. Ya. STEPANOV (Moscow): Steady motions and relative equilibria of mechanical systems with symmetry. Vol. 60, No. 5, pp. 736-743 (English translation pp. 729-735).
4. P. S. KRASIL'NIKOV (Moscow): Asymptotic stability at 1:3 resonance. Vol. 60, No. 1, pp. 23-29 (English translation pp. 19-24).
5. N. A. OSTAPENKO (Moscow): The asymptotic solution of the problem of a thin three-dimensional body entering a compressible fluid. Vol. 60, No. 4, pp. 603-612 (English translation pp. 599-606).
6. V. U. NABIYEV and S. V. UTYUZHNIKOV (Dolgoprudnyi): Spatial supersonic motion of a body through a large-scale inhomogeneity in a stratified atmosphere. Vol. 60, No. 4, pp. 613-620 (English translation pp. 607-613).
7. A. M. FORMAL'SKII (Moscow): The time-optimal control of the bending of a plane two-link mechanism. Vol. 60, No. 2, pp. 250-259 (English translation pp. 243-251).