



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

Beginning in 1992, Elsevier Science Ltd, who publish 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 31 May 1994 the Editorial Board decided to award this prize to the following papers published in 1993.

1. A. N. KRAIKO (Moscow): The variational problem of the one-dimensional isentropic compression of an ideal gas, Vol. 57, No. 5, pp. 35-50 (English translation pp. 793-808). \$250.
2. S. A. NAZAROV and O. R. POLYAKOVA (St Petersburg): The asymptotic form of the stress-strain state near a spatial singularity of the boundary of the "beak tip" type, Vol. 57, No. 5, pp. 127-142 (English translation pp. 887-902). \$250.
3. Ye. V. SINITSYN (Moscow): The stability of the cylindrical precession of a viscoelastic body undergoing oscillations along an axis of symmetry, Vol. 57, No. 2, pp. 57-66 (English translation pp. 275-284); Quasistatic treatment of stability for solutions of a class of mechanical systems with an infinite number of degrees of freedom, Vol. 57, No. 4, pp. 12-20 (English translation pp. 591-600). \$250.
4. A. M. TER-KRIKOROV (Dolgoprudnyi): The forces acting on an obstacle in stratified flow, Vol. 57, No. 1, pp. 58-64 (English translation pp. 67-74); Investigation of the problem of plane stratified flow around a body, Vol. 57, No. 3, pp. 41-49 (English translation pp. 447-454). \$250.