Announcement[☆]

The publishers Elsevier Ltd, who publish *Prikladnaya Matematikha i Mekhanika* in English translation, annually award a prize of $US 1000 for the best papers published in the journal.

By a decision of the Editorial Board on 20 March 2007, prizes have been awarded to the authors of the following papers published in 2006.

1. Yezhov GP, Kondaurov VI (*Dolgoprudnyi*). Failure waves in a pre-stressed layer of porous material. *Prikl Mat Mekh* 2006;**70**(3):515–530 (English translation pp. 469–482) ($US 340).
2. Markeyev AP (*Moscow*). Multiple parametric resonance in Hamilton systems. *Prikl Mat Mekh* 2006;**70**(2):200–220 (English translation pp. 176–194) ($US 330).
3. Marchenko AV (*Moscow*). A method of calculating ice loads when ice piles up on a fixed wall. *Prikl Mat Mekh* 2006;**70**(3):427–439 (English translation pp. 387–398) ($US 330).

The editorial board has also decided to award prizes to the authors of the following papers published in 2006.

1. Vil'ke VG (*Moscow*). The relative motion of the core and mantle of a planet in the gravitational field of a point mass. *Prikl Mat Mekh* 2006;**70**(4):617–630 (English translation pp. 560–572).
2. Golubev YuF (*Moscow*). A method for controlling the motion of a robot skateboarder. *Prikl Mat Mekh* 2006;**70**(3):355–370 (English translation pp. 319–333).
3. Gorelyshev IV, Neishtadt AI (*Moscow*). On the adiabatic perturbation theory for systems with impacts. *Prikl Mat Mekh* 2006;**70**(1):6–19 (English translation pp. 4–17).
4. Yefremov NL, Kraiko AN, P'yankov KS, Takovitskii SA (*Moscow*). The construction of a nose shape of minimum drag for specified external dimensions and volume using Euler equations. *Prikl Mat Mekh* 2006;**70**(6):1017–1030 (English translation pp. 912–923).
    Takovitskii SA (*Moscow*). The construction of symmetric nose shapes of minimum wave drag. *Prikl Mat Mekh* 2006;**70**(3):412–416 (English translation pp. 373–377).
5. Tkhai VN (*Moscow*). Periodic motions of a reversible second-order mechanical system. Application to the Sitnikov problem. *Prikl Mat Mekh* 2006;**70**(5):813–834 (English translation pp. 734–753).
    Tkhai VN (*Moscow*). First integrals and families of symmetric periodic motions of a reversible mechanical system. *Prikl Mat Mekh* 2006;**70**(6):977–989 (English translation pp. 876–887).

Translated by P.S.C.