



Contents lists available at [ScienceDirect](http://ScienceDirect)

## Journal of Applied Mathematics and Mechanics

journal homepage: [www.elsevier.com/locate/jappmathmech](http://www.elsevier.com/locate/jappmathmech)



### Announcement<sup>☆</sup>

**Elsevier Ltd, who publish *Prikladnaya Matematika i Mekhanika* in English translation, annually award a prize of SUS 1000 prize for the best papers published in the journal.**

On 1 April 2008, the Editorial Board decided to award prizes to the authors of the following papers published in 2007:

1. Golubyatnikov AN, Zonenko SI, Chernyi GG (*Moscow*). New models of explosively accelerated projected shells. *Prikl Mat Mekh* 2007;**71**(5):727–43 (English translation pp. 661–75) (\$US 250).
2. Yeremeyev VA, Freidin AB, Sharipova LL (*Rostov-on-Don, St Petersburg*). The stability of the equilibrium of two-phase elastic solids. *Prikl Mat Mekh* 2007;**71**(1):66–92 (English translation pp. 61–84) (\$US 250).
3. Zevin AA, Filonenko LA (*Dnepropetrovsk*). A qualitative investigation of the oscillations of a pendulum with a periodically varying length and a mathematical model of a swing. *Prikl Mat Mekh* 2007;**71**(6):989–1003 (English translation pp. 892–904) (\$US 250).
4. Kraiko AN (*Moscow*). Rapid cylindrically and spherically symmetric strong compression of a perfect gas. *Prikl Mat Mekh* 2007;**71**(5):744–60 (English translation pp. 676–89) (\$US 250).

The Editorial Board also decided to award prizes to the authors of the following papers published in 2007:

1. Glushko AI, Neshcheretov II (*Moscow*). An approach to constructing models of multiphase elastic porous media. *Prikl Mat Mekh* 2007;**71**(4):636–9 (English translation pp. 580–610).
2. Dolgikh DV, Kiselev VV (*Yekaterinburg*). Dent patterns on the surface of a longitudinally compressed, non-linear elastic cylindrical shell. *Prikl Mat Mekh* 2007;**71**(3):500–25 (English translation pp. 453–76).
3. Kayumov OR (*Tara*). The global controllability of some mechanical systems with absolutely elastic impacts. *Prikl Mat Mekh* 2007;**71**(6):927–44 (English translation pp. 834–50).
4. Markeyev AP (*Moscow*). The oscillations of a satellite about a direction fixed in absolute space. *Prikl Mat Mekh* 2007;**71**(1):3–11 (English translation pp. 1–9).
5. Mikhailov GK, Stepanov SYa (*Moscow*). Leonhard Euler and his contribution to the development of mechanics (On the 300th anniversary of his birth). *Prikl Mat Mekh* 2007;**71**(2):179–91 (English translation pp. 157–67).

<sup>☆</sup> Prikl. Mat. Mekh. Vol. 72, No. 4, p. 701, 2008.