

Scientific papers published in 2010

A. Articles accepted for publication in ISI journals

1. Adrian Leopa, Parametric method for dynamic analysis of mechanical impulsive systems actions, Proceedings of the Romanian Academy - series A:Mathematics, Physics, Technical Sciences, Information Science, ISSN: 1454-9069 - acceptata spre publicare.

B. Articles accepted for publication in journals indexed in international databases

1. Adrian Leopa, The influence of nonlinear the elastic character of viscoelastic systems on the dynamic response of mechanical systems, THE ANNALS OF DUNAREA DE JOS UNIVERSITY OF GALATI FASCICLE XIV MECHANICAL ENGINEERING, ISSN 1224-5615, 2010, pag. 67-70.

2. Adrian Leopa, S. Nastac, Dynamical response analysis of a system with one degree of freedom stresses by the different pulse excitation functions, THE ANNALS OF DUNAREA DE JOS UNIVERSITY OF GALATI FASCICLE XIV MECHANICAL ENGINEERING, ISSN 1224-5615, 2010, pag.71-74.

3. Silviu Nastac, Adrian Leopa, Comparative Analysis of Visco-elastic Models with Variable Parameters, ANALELE UNIVERSITATII EFTIMIE MURGU RESITA, ANUL XVII, NR. 1, 2010, ISSN 1453 - 7397, pag. 227-232.

4. P. Bratu, Adrian Leopa, Considerations on the non-linear modelling of the dynamics of the vibration and shock isolators made from composite neoprene, THE ANNALS OF DUNAREA DE JOS UNIV. OF GALATI FASCICLE XIV MECHANICAL ENGINEERING, ISSN 1224-5615, 2010, pag. 13-18.

Scientific papers published in 2011

A. Articles accepted for publication in ISI journals

1. Leopa, A., Nastac, S., Debeleac, C., Numerical and experimental testing of normality in the functioning of the bearings system, ICEDyn 2011 Special Issue of Shock and Vibration Journal.
2. Nastac, S., Leopa, A., Debeleac, C., Researches on Damage Identification in Passive Vibro-isolation Devices, ICEDyn 2011 Special Issue of Shock and Vibration Journal.

B. Articles accepted for publication in journals indexed in international databases

1. Leopa, A., Nastac, S., Influence of the behavior of nonlinear viscoelastic systems bearing on the dynamics of bridge structures, The annals of Dunarea de Jos University of Galati Fascicle XIV Mechanical Engineering, ISSN 1224-5615, 2011, p. 51-56.
2. Nastac, S., Leopa, A., Debeleac, C., Damage detection at vibration passive isolation device, The annals of Dunarea de Jos University of Galati Fascicle XIV Mechanical Engineering, ISSN 1224-5615, 2011, p. 47 - 50.
3. Leopa, A., Nastac, S., Panfiloiu, Gh., Experimental investigation of dynamic behavior of viaducts by shock loading, Analele Universitatii Eftimie Murgu Resita, Anul XVIII, NR. 1, 2011, ISSN 1453 - 7394, p. 149 - 154.
4. Leopa, A., The impulsive loading influence on dynamic response parameters of the viaduct type structure, The annals of Dunarea de Jos University of Galati Fascicle XIV Mechanical Engineering, ISSN 1224-5615, 2011, p. 65 - 67.