

## **SPISAK OBJAVLJENIH RADOVA ZA 2011. \_ ( Stevan Maksimović)**

### **Vrhunski međunarodni časopis (M21=8)**

1. Boljanovic S., Maksimovic S., Analysis of the crack growth propagation process under mixed-mode loading, Engineering Fracture Mechanics, Volume 78, Issue 8, May 2011, pages 1565-1576.  
IF 1.571 (1.863)
2. S. Maksimovic, S. Posavljak, K. Maksimovic, V. Nikolic and V. Djurkovic, Total Fatigue Life Estimation of Notched Structural Components Using Low-Cycle Fatigue Properties, STRAIN An International Journal for Experimental Mechanics, (2011) 47 (Suppl. 2), pp. 341-349, DOI: 10.1111/j.1475-1305.2010.00775.x,  
IF 1.0 (1.204)

### **Međunarodni časopis (M23=3)**

3. Bakić G., Šijački-Žeravčić V., Đukić M., Maksimović S., Plešinac D., Rajičić B., Thermal History and Stress State of a Fresh Steam-Pipeline Influencing its Remaining Service Life, Thermal Science, 2011., Vol. 15, No. 3, pp. 691-704.  
IF 0.8

### **Saopštenje sa međunarodnog skupa štampano u celini (M33=1)**

1. Maksimović S., Vasović I., Maksimović M., Đurić M., RESIDUAL LIFE ESTIMATION OF DAMAGED STRUCTURAL COMPONENTS USING LOW-CYCLE FATIGUE PROPERTIES, The Third International Congress of Serbian Society of Mechanics, Vlasina lake, 5-8 July 2011, ISBN 978-86-909973-3-6.
2. Maksimović S., Kozić M., Maksimović K., Georgijević D., Ognjanović O., Definition of load spectra using CFD method and fatigue life estimation of helicopter rotor blades, OTEH 2011, pp. 122-127, ISBN 978-86-81123-50-8.
3. Boljanović S., Maksimović S., Andrea Carpinteri, Residual life estimation of quarter-elliptical corner crack growth, 4th International Scientific Conference on Defensive Technologies, OTEH 2011, Belgrade, 6-7 October 2011, pp. 628-633, ISBN 978-86-81123-50-8.
4. Posavljak S., Maksimović S., Boljanović S., Fatigue life defining of aircraft engine disks, 4th International Scientific Conference on Defensive Technologies, OTEH 2011, Belgrade, 6-7 October 2011, pp. 79-84, ISBN 978-86-81123-50-8.
5. Maksimović S., Vasović I., Maksimović M., SOME ASPECTS TO DESIGN OF AIRCRAFT STRUCTURES WITH RESPECTS TO FATIGUE AND FRACTURE MECHANICS, DEMI 2011, 10th Anniversary International conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology, University of Banja Luka, Faculty of Mechanical Engineering, 26th -28th May 2011.

### **Predavanje po pozivu sa međunarodnog skupa štampano u izvodu (M32=1.5)**

Stevan M. Maksimović, Mirjana Đurić, Katarina Maksimović, FATIGUE LIFE ESTIMATION OF DAMAGED STRUCTURAL COMPONENTS USING STRAIN

ENERGY DENSITY METHOD, 4th Serbian-Greek Symposium "Recent Advances in Mechanics" Vlasina Lake, Serbia, July 9-10