

Thesis/Abstracts of International Conferences (2014)

1. Rucevskis S., Akishin P., Chate A., Kovalovs A. Vibration-Based Damage Detection in Plate Structure without Baseline Modal Parameters // 6th World Conference on Structural Control and Monitoring: Barcelona, Spain, 15. – 17. July, 2014.- 1 page.
2. Ostrovskis V., Kalnins K., Chate A. Residual Strength of GF/Epoxy Honeycomb Sandwich Panels in Compression // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 144-144.
3. Gintalas M., Kalnins K., Leite E., Šadreika P., Žiliukas A. Determination of Mixed Mode Crack Propagation in Brittle and Ductile Materials // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 71-71
4. Kalnins K., Arbelo M.A., Castro S.G.P., Ozoliņš O., Kgkimova R., Degenhardt R. Experimental Characterization of Buckling Load on Imperfect Cylindrical Shells using the Multiple Perturbation Load Approach // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 96-96.
5. Kovalovs A., Chate A., Jelinska N., Kalnins M. Analysis of Poly (Vinyl Alcohol) / Poly (Vinyl Acetate) Blends Films by the Response Surface Method // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 104-104.
6. Labans E., Kalnins K. Topology Optimisation for re-Design of GF/?? Composite Part // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 114-114.
7. Leite E., Skukis E., Kalnins K., Auzins J., Arbelo M.A. Identification of Mechanical Properties for Panex UD Composite // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 116-116.
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9. Kovalovs A., Chate A., Jelinska N., Kalnins M. Analysis of Poly (Vinyl Alcohol) / Poly (Vinyl Acetate) Blends Films by the Response Surface Method // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 104-104.
10. Kovalovs A., Barkanov E., Rucevskis S. Modeling and Analysis of Composite Rotor Blade with Embedded Piezo-Composite Actuators // 18th International Conference “Mechanics of Composite Materials”: Riga, Latvia, 2.-6. June, 2014.- pp 103-103.
11. Akishin P.Y., Barkanov E.N., Wesolowski M., Kolosova E.M. Static and Dynamic Techniques for Nondestructive Elastic Material Properties Characterisation // Book of Abstracts of the XLII Summer School-Conference “Advanced Problems in Mechanics”: St. Petersburg, Russia, 30. June – 5. July, 2014. - pp 26-27.

12. Barkanov E.N., Chebakov M.I. Inverse Technique for Characterisation of Elastic and Dissipative Properties of Materials Used in a Composite Repair of Pipelines // Book of Abstracts of the XLII Summer School-Conference “Advanced Problems in Mechanics”: St. Petersburg, Russia, 30. June – 5. July, 2014.- pp 38-38.
13. Kalniņš K., Arbelo M.A., Ozoliņš O., Degenhardt R. Evaluation of Multiple Perturbation Load Approach for Experimental Characterization of Design Buckling Load on Cylindrical Shells // Book of abstracts: 33rd Seminar of Students’ Association for Mechanical Engineering”: Warsaw, Poland, 14. May – 16. May, 2014.- 1 page.
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