

Pre-nominated Session SM6

Elasticity

Co-Chair(s): **R. Kienzler (Germany)**
 L. Wheeler (USA)

Paper ID	Title	Authors
SM6S_10442	On Invariants of the Elasticity Tensor for Orthotropic Materials	Katarzyna Kowalczyk-Gajewska, Janina Ostrowska-Maciejewska
SM6S_10972	Motion and Stability of an Elastic Heavy Top	Tsolo P. Ivanov, Radijanka Savova
SM6L_11220	Stability of Compressible Elastic Blocks	D M Haughton
SM6L_11523	Generalized Stress Concentration Factors	Reuven Segev
SM6S_11526	On Asymptotic Method of Static and Dynamic Boundary Problems Solution	Lenser A. Aghalovyan
SM6S_11901	Axisymmetric Force Solution for a Semi - Infinite Cubic Solid	Charles Ruimy, Marc Dahan
SM6S_11960	An Exactly Solvable Microgeometry in Torsion	Tungyang Chen
SM6S_11998	A New Nonlinear Constitutive Relation for Magnetostrictive Materials	Xiaojing Zheng, Xinen Liu
SM6S_12039	Nonlinear Radial Oscillations of Anisotropic Thin-Walled Cylindrical Tubes	G. H-S. Maluleke, D. P. Mason
SM6L_12122	Nonlocal Eshelby Entities: a One - Dimensional Example	Marcelo Epstein, Les Sudak
SM6L_12189	Analysis of Trabecular Bone as a Hierarchical Material	Iwona M. Jasiuk
SM6L_12289	Investigation of Couple - Stress Effects in Elastic Bodies Under Deformation	Valery P. Matveyenko, Valery V. Korepanov, Michail A. Kulesh, Igor N. Shardakov
SM6S_12324	New Analytical Approach for Investigation of Non - Stationary Dynamics of Media with Moving Inhomogeneities	Serge N. Gavrillov
SM6S_12354	Agmon's Condition for Incompressible Elasticity: a Variational Formulation	Gearoid Mac Sithigh

SM6L_12434	Modelling of Complex Elastic Crystals by Means of Micromorphic Gyrocontinua	Elena F. Grekova, Gerard A. Maugin
SM6S_12520	Axisymmetric Problem for an Elastic Medium with a Spherical Inclusion When There Is a Crack at the Interface	Iryna V. Lebedyeva, Myhaylo A. Martynenko
SM6S_12575	Truncated Elastic Wedge under Torsional Load	Vyacheslav V. Lyakh
SM6S_12685	Homogenization of Triply Periodic Elastic Media with Random Imperfections	Valeriy Buryachenko
SM6S_12987	On the Impact Law in Elastic Plate - Like Bodies	R. Sburlati