

TRANSACTIONS

of FAMENA

Contents

Analysis of Flexure, Torsion and Buckling of Thin-Walled Frames with a Focus on the Joint Warping Behaviour	
Sandra Kvaternik, Goran Turkalj, Domagoj Lanc	1
Mechanical Properties and Corrosion Behaviour of 316L Stainless Steel Honeycomb Cellular Cores Manufactured by Selective Laser Melting	
Sebastian Marian Zaharia, Camil Lancea, Lucia Antoneta Chicos, Mihai Alin Pop, Giampaolo Caputo, Emanuele Serra	11
The Effect of Surface Treatment on Corrosion Resistance of Austenitic Biomaterial	
Viera Zatkálková, Monika Oravcová, Peter Palček, Lenka Markovičová.....	25
An Investigation into Different Power Consumption Parameters of Rushton Turbines: A Computational Survey	
Mohammad-Reza Ashory, Farhad Talebi, Heydar Roohi Ghadikolaei, Morad Karimpour	35
Error Evaluation of Hardware-in-the-Loop Simulation of a Gas Turbine Engine Fuel Controller	
Morteza Montazeri-Gh, Soroush Abyaneh	47
Professional papers	
Fabrication and Tribological Behaviour of Mg-TiO₂ Composites	
Autchipillai Lakshmanan Pillai, Gowthami Thankachi Raghavar Jinu, Govindan Karthikeyan	61
Nugget Formation Effects in Resistance Spot Welded Different Steel Sheets	
Ahmet Akkuş	71
News	
Annual Award Ivan Filipović	77
In Memoriam Sloboda (Boba) Bazjanac	
Annoucement of the 9th International Congress of Croatian Society of Mechanics	