

TRANSACTIONS

of FAMENA

Contents

An Analytical Solution to Free Rectangular Plate Natural Vibrations by Beam Modes – Ordinary and Missing Plate Modes	
Ivo Senjanović, Marko Tomić, Nikola Vladimir, Neven Hadžić	1
Experimental Examination of Effects of Punch Angle and Clearance on Shearing Force and Estimation of Shearing Force Using Fuzzy Logic	
Hakan Gürün, Mustafa Göktaş, Abdulmecit Güldaş	19
The Effect of Winding Angle on Unwinding Yarn	
Nace Pušnik, Stanislav Praček.....	29
A Statistical Model for Determination of the Type of Knowledge Management Approach Based on Organization Processes	
Farnoosh Bagheri, Rassoul Noorossana	43
Research on Energy Dissipation in a Discharge Tunnel with a Plug Energy Dissipater	
Ai Wanzheng, Liu Hu.....	57
Modelling of an Artificial Neural Network for Electrical Discharge Machining of Hot Pressed Zirconium Diboride-Silicon Carbide Composites	
S.Sivasankar, R.Jeyapaul	67
Experimental Evaluation of Performance and Emission Characteristics of a Diesel Engine Fuelled with Neem Methyl Ester	
S. Sheeju Selva Roji, R. Edwin Raj, D.F. Melvin Jose	81
Professional papers	
Response Analysis of Buried Pipeline Subjected to Reverse Fault Displacement in Rock Stratum	
Jie Zhang, Zheng Liang, Han Zhang	91
News	
In memoriam Professor Mladen Andrassy	