

TRANSACTIONS

of FAMENA

Contents

Experimental Studies of Metal Oxide Suspended Nanofluids on the Enhancement of the Thermal Performance of Heat Pipes Francis Gnanamuthu, Shanmuga Sundaram Anandan.....	1
Spray Characteristics of a Rotating Fuel Injector in a Direct Injection Diesel Engine Kuppusamy Sengottaiyan, Mangudi Rangasamy Swaminathan, Charles Augustine Vencent, Govindaraj Kumaresan	13
Study on Multi-step Forming Paths for Double Curved Parts of 1561 Aluminium Alloy Zhongfeng Zhang, Qingwen Xue, Lixia Wen, Weihua Peng, Han Shao, Wenzhi Fu.....	31
On Neural Network Application in Solid Mechanics Jurica Sorić, Matej Stanić, Tomislav Lesičar	45
Experimental Investigation Into the Effect of Cold Rolling on Fracture Toughness and Mechanical Properties of AA5754 H111 Aluminium Alloy Wafa Taktak, Riadh Elleuch.....	67
Analysis and Design of the Reconfiguration Motion Qualities of a Deformable Robot Based on a Metamorphic Mechanism Jun Liu, Jiandang Xing, Xiaodong Ruan, Jian Song, Di Wu.....	79

