ISSN Print: 2305-3631, ISSN Online: 2306-5982

International Journal of Engineering and Manufacturing







International Journal of Engineering and Manufacturing (IJEM)

ISSN Print: 2305-3631, ISSN Online: 2306-5982

Volume 3, Number 1, June 2013

Contents

REGULAR PAPERS	
Experimental Study of Airlift Pump Performance with S-Shaped Riser Tube Bend	1
Abdel-Fattah Mahrous	
Numerical simulation of droplet coalescence in turbulent stream using level set method	13
Ashraf Balabel	
Self Learning Intelligent Controller of Electro hydraulic Actuator	28
Ayman A.Aly, Abdallah A. Alshennawy, A.Abo-Ismail, S.Dossokey	
Design Artificial Intelligence-Based Switching PD plus Gravity for Highly Nonlinear Second Order	38
System	
Farzin Piltan, Mahdi Jafari, Mehdi Eram, Omid Mahmoudi, Omid Reza Sadrnia	