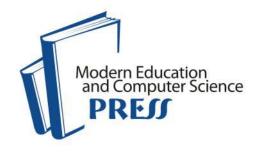
## International Journal of

## Intelligent Systems and Applications



IJISA Vol.1
Http://www.mecs-press.org



## International Journal of Intelligent Systems and Applications (IJISA)

ISSN Print: 2074-904X, ISSN Online: 2074-9058

Volume 1, Number 1, October 2009

## **Contents**

REGULAR PAPERS	
Orbit and Attitude Control of Asymmetric Satellites in Polar Near-Circular Orbit	1
Wei Zhao, Weiwei Yang, Xiaoqian Chen, Yong Zhao	
Prediction of Operating Loads Contribution to Assembly Relation and Product Behavior	11
Pengzhong Li, Weimin Zhang, Can Chen	
Research on Canal System Operation Based on Controlled Volume Method	19
Zhiliang Ding,Changde Wang	
Nonlinear Time Series Predication of Slope Displacement based on Smoothing Filtered Data	30
Jiawen Zhou,Xingguo Yang,Wei Hu	
A Novel Particle Swarm Optimization Algorithm Model with Centroid and its Application	42
Shengli Song,Li Kong,Jingjing Cheng	
Track Processing Approach for Bearing-Only Target Tracking	50
Hui Chen,Chen Li	
Stability Analysis and Evaluation of Soil Cave Foundation under the role of Groundwater in Karst Area	60
E'chuan Yan,Jiangtao Cheng,Li Liu	
Fuzzy Pattern Recognition Based on Symmetric Fuzzy Relative Entropy	68
Y.F.Shi,L.H.He,J.Chen	