

# International Journal of ARTIFICIAL INTELLIGENCE AND COMPUTATIONAL RESEARCH

Volume 5

Number 1

January-June 2013

## CONTENTS

Mobile Robot Navigation Control in Moving Obstacle Environment using Genetic Algorithm and Artificial Neural Networks	<i>Anupam Shukla, Ritu Tiwari &amp; Rahul Kala</i>	1-12
A Grasp Algorithm with Path Relinking for Permutation Flow Shop Scheduling Problem	<i>Shahul Hamid Khan B. &amp; Prabhakaran G</i>	13-18
A Soft Computing Approach for Productivity Evaluation-An Application	<i>Dulu Patnaik</i>	19-21
A Heuristic Method for Assessment and Selection of User Interface	<i>R. B. Mishra</i>	23-28
Rough Sets on Intuitionistic Fuzzy Approximation Spaces and Knowledge Representation	<i>D. P. Acharjya &amp; B. K. Tripathy</i>	29-36
Computational Model to Predict Optimized Fibre Properties for Required Yarn	<i>L. S. Admithe &amp; S. D. Apte</i>	37-41
On Mining Access Patterns for Predicting Web Usage	<i>Suresh K. Shirgave &amp; Prakash. J. Kulkarni</i>	43-47
Mining of Software Engineering Defect Data	<i>Baskaran R., Dhavachelvan P. Saravanan S. &amp; Kannan A.</i>	49-53