

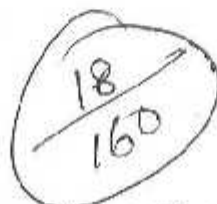
# International Journal of COMPUTATIONAL INTELLIGENCE RESEARCH & APPLICATIONS

Vol. 9

No. 2

July-December 2015

## Contents



- A Brief Assesment of Image Classification Techniques  
*Padmaja Vanagale* 99-103  
*I. V. Muralikrishna & Ch. D. V. Paradesi Rao*
- A Novel ROI Based Algorithm with DCT, Wavelet Transform and Set Partitioning In Hierarchical Trees for Medical Image Compression  
*M. A. Ansari & R. S. Anand* 105-120
- Computer Aided Detection of Pulmonary Nodule in Chest: Computed Tomography using Genetic Algorithm and Artificial Neural Network  
*I. C. Mehta, Z. J. Khan & R. R. Khotpal* 121-129
- Exergoeconomic Evaluation and Optimization of Energy Systems—Application to the Gas Turbine Cogeneration Plant  
*K. Sridhar* 131-139
- Thermodynamics of ion Exchange on an Inorganic Cation Exchanger Stannic Silicomolybdate  
*Mu. Naushad, Pallavi Jain* 141-148
- Magneto-hydrodynamic Effects on Flow Past an Vertical Oscillating Plate in the Presence of Chemical Reaction  
*R. Muthucumaraswamy* 149-157  
*K. Manivannan & V. Thangaraj*
- Un-Steady Flow of a Non-Newtonian Fluid Through Porous Medium  
*P. Venkat Raman & V. Narasimha Charyulu* 159-168
- Performance Studies on the various Routing Protocols in Ad-hoc Networks  
*P. Sateesh Kumar & S. Ramachandram* 169-177
- Some New Cordial Graphs  
*S. K. Vaidya, G. V. Ghodasara* 179-190  
*Sweta Srivastav & V. J. Kaveria*
- Some Results on Priority and Non Priority Tandem Queueing System  
*O. K. Belwal & Amit Mittal* 191-203
- X-Domatic Partition of Graph  $v_2(G)$  and Chromatic Number of  $G$   
*V. Swaminathan & V. B. Venkatakrishnan* 205-210