

## Table of Contents

<b>Knowledge Request-Broker Architecture: A Platform for Social Computational Intelligence</b>	<b>1</b>
<i>Hamed Khandan and Takao Terano</i>	
<b>Designing the tree-based relaying network in wireless sensor networks</b>	<b>16</b>
<i>Yujin Lim, Jaesung Park, Sanghyun Ahn</i>	
<b>A NON-ALGORITHMIC PROOF OF THE FOUR COLOR CONJECTURE</b>	<b>29</b>
<i>Hemanta K. Baruah</i>	
<b>THE RANDOMNESS – FUZZINESS CONSISTENCY PRINCIPLE</b>	<b>37</b>
<i>Hemanta K. Baruah</i>	
<b>Transient Stability Investigations of the Wind-Diesel Hybrid Power Systems</b>	<b>49</b>
<i>Pawan Sharma</i>	
<b>A Conceptual Approach to Data Visualization for User Interface Design of Smart Grid Operation Tools</b>	<b>64</b>
<i>Dong-Joo Kang and Sunju Park</i>	
<b>Electricity Generation from Biowaste Based Microbial Fuel Cells</b>	<b>77</b>
<i>Pranab K. Barua, D. Deka</i>	
<b>Mathematical Modelling of Change of Temperature in a Pulsating Heat Pipe with Multiple Turns</b>	<b>93</b>
<i>Pranab K. Barua , D. Deka, U. S. Dixit</i>	