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| Nota di contenuto       | Preface; Organizing Committee; ERCICA-2015; Chief Patrons; Conference Chair; Program Chairs; Publication Chair; Editorial Board; Advisory Chairs; Advisory Committee; Program Committee; Organizing Committee; About the Conference; Acknowledgements; Contents; 1 Exact Incremental Mining for Frequent Item Set on Large Evolving Database (Correlation of Attributes in Evolving Database); Abstract; 1 Introduction; 1.1 Mining a Dataset; 1.2 Mining Evolving Datasets; 2 Related Work; 3 Problem Definition; 3.1 Uncertain Database; 3.2 Abbreviations and Acronyms; 4 Current Work; 4.1 Case Study 4.2 Tuple Updating and Deletion4.3 Actual Incremental Mining; 4.4 Rule Mining Algorithm; 4.5 Correlation Between Tuples and Attributes; 5 Result Analysis; 5.1 Accuracy; 6 Results; 7 Conclusion; References; 2 Developing QoS Aware DSR for JiST/SWANS Simulator Using Cross-Layer Communication; Abstract; 1 Introduction; 2 DSR Details; 2.1 Route Discovery; 2.2 Route Reply; 2.3 Route Maintenance; 2.4 Route Cache; 3 Cross-Layer Design; 4 Delay Measurement; 4.1 Link Delay |

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6.1 New Approach Results7 Conclusion and Future Work; References; 3  
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Algorithm; 3 Roulette Wheel Selection; 4 Experiments and Results; 4.1  
Problem Formulation; 4.2 Experimental Setup  
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Exponential Trust-Based Algorithm in Wireless Sensor Network to  
Detect Black Hole and Gray Hole Attacks; Abstract; 1 Introduction; 2  
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Trust-Based Algorithm (ETBA) When ni Increases  
4.3 Comparison of AETBA and ETBA When Number of Packets Dropped  
Is Constant

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### Sommario/riassunto

This proceedings volume covers the proceedings of ERCICA 2015. ERCICA provides an interdisciplinary forum for researchers, professional engineers and scientists, educators, and technologists to discuss, debate and promote research and technology in the upcoming areas of Computing, Information, Communication and their Applications. The contents of this book cover emerging research areas in fields of Computing, Information, Communication and Applications. This will prove useful to both researchers and practicing engineers.

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