

## Soft Computing: Theories and Applications



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*This publication will be worth purchasing. It really is written in simple terms instead of difficult to understand. It has been designed in an exceptionally simple way and is particularly only right after I finished reading this ebook in which basically modified me, after the way I believe.*

*(Prof. Loyce Runolfsson Jr.)*

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Condition: New. Publisher/Verlag: Springer, Berlin | Proceedings of SoCTA 2016, Volume 2 | This book focuses on soft computing and its applications to solve real-life problems occurring in different domains ranging from medical and health care, supply chain management and image processing to cryptanalysis. It presents the proceedings of International Conference on Soft Computing: Theories and Applications (SoCTA 2016), offering significant insights into soft computing for teachers and researchers and inspiring more and more researchers to work in the field of soft computing. The term soft computing represents an umbrella term for computational techniques like fuzzy logic, neural networks, and nature inspired algorithms. In the past few decades, there has been an exponential rise in the application of soft computing techniques for solving complex and intricate problems arising in different spheres of life. The versatility of these techniques has made them a favorite among scientists and researchers working in diverse areas. SoCTA is the first international conference being organized at Amity University Rajasthan (AUR), Jaipur. The objective of SoCTA 2016 is to provide a common platform to researchers, academicians, scientists, and industrialists working in the area of soft computing to share and exchange their views and ideas on the theory and application of soft computing techniques in multi-disciplinary areas. The aim of the conference is to bring together young and experienced researchers, academicians, scientists, and industrialists for the exchange of knowledge. SoCTA especially encourages the young researchers at the beginning of their career to participate in this conference and present their work on this platform. | Virtual Experimental Analysis of Redundant Robot Manipulators using Neural Networks.- Selection of Energy Efficient Material: an Entropy-TOPSIS Approach.- Analyses & Detection of Health Insurance Fraud Using Data Mining & Predictive Modeling Techniques.- Software Cost Estimation Using Artificial Neural Network.- A Three Layer Approach for Overlay...



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