

1. Record Nr.	UNINA9910484031703321
Titolo	Soft Computing: Theories and Applications : Proceedings of SoCTA 2018 // edited by Millie Pant, Tarun K. Sharma, Om Prakash Verma, Rajesh Singla, Afzal Sikander
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-0751-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (1,403 pages) : color illustrations
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 1053
Disciplina	006.3
Soggetti	Computational intelligence Signal processing Image processing Speech processing systems Electrical engineering Computational Intelligence Signal, Image and Speech Processing Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. A Low Cost Charcoal Film Based Moisture Sensor: Fabrication and Computing -- Chapter 2. Analysis of SMAW parameters using Self Organizing Maps and Probability Density Distributions -- Chapter 3. Inverted LSB Image Steganography -- Chapter 4. Emerging Ontology Formulation of Optimized Internet of Things (IoT) Services with Cloud Computing -- Chapter 5. Trend Analysis of Retail Chain using Statistical Analysis System -- Chapter 6. An Optimizing Preprocessing Algorithm for Enhanced Web Content -- Chapter 7. Brain Tumor Classification from MRI Images and Calculation of Tumor Area -- Chapter 8. The Min-transitive Fuzzy Left-Relation $\lambda_d(A, B)$ on Intervals: A Generalization of $\lambda(A, B)$ -- Chapter 9. Rule-Based Customer Churn Prediction Model Using Artificial Neural Network Based and Rough Set Theory -- Chapter 10. Sigmoidal Spider Monkey Optimization Algorithm.

## Sommario/riassunto

The book focuses on soft computing and its applications to solve real-world problems in different domains, ranging from medicine and health care, to supply chain management, image processing and cryptanalysis. It includes high-quality papers presented at the International Conference on Soft Computing: Theories and Applications (SoCTA 2018), organized by Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India. Offering significant insights into soft computing for teachers and researchers alike, the book inspires more researchers to work in the field of soft computing. .

---