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Disciplina	006.3
Soggetti	Engineering Data mining Artificial intelligence Computational Intelligence Signal, Image and Speech Processing Data Mining and Knowledge Discovery Artificial Intelligence
Lingua di pubblicazione	Inglese
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Nota di contenuto	A Graphical Computational Tool for Computerized Ventricular Extraction in Magnetic Resonance Cardiac Imaging -- Speckle Noise Suppression in Ultrasound Images by Using an Improved Non Local Mean Filter -- Internet of Things: Revealing and Analysis of Security and Mitigating Future Counter Measures -- Agricultural Monitoring and Controlling System Using Wireless Sensor Network -- Using Hierarchies in Online Social Networks to Determine Link Prediction -- Data Analysis, Visualization and Leak Size Modeling for Water Distribution Network -- Context Sensitive Thresholding Technique Using ABC for Aerial Images -- A Study on Convolutional Neural Networks with Active Video Tubelets for Object Detection and Classification -- New Gossiping Protocol for Routing Data in Sensor Networks for Precision Agriculture -- Deep Sentiments Extraction for Consumer Products Using NLP Based Technique -- Spark Streaming For Predictive Business Intelligence -- Comparative Study of AODV and OLSR Routing Protocols -- Adaptive Noise Cancellation Using NLMS Algorithm -- Fruit

Detection from Images and Displaying Its Nutrition Value Using Deep Alex Network -- Dynamic Spectrum Allocation and RF Energy Harvesting in Cognitive Radio Network. .

Sommario/riassunto

The book includes research papers on current developments in the field of soft computing and signal processing, selected from papers presented at the International Conference on Soft Computing and Signal Processing (ICSCSP 2018). It features papers on current topics, such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning. It also discusses various aspects of these topics, like technologies, product implementation, and application issues.
