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   Soggetti   Computational intelligence
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   Nota di contenuto   Extraction of Tumor Chunk Using Image Segmentation – Thresholding and HSV Color Space -- Predictive & Interactive IOT Diagnosis System with AI and ML Tools: Review -- Multi Agent Data Mining using Asymmetric AES Algorithm in Cloud Computing -- A Novel Architecture for a Two-Pass Opinion Mining Classifier -- QoS based Routing Algorithm for Software Defined Network using Ant Colony optimization -- An Integrated AdaBoost Algorithm for Down Syndrome Disease Recognition -- A Comprehensive Healthcare Model for a Smart Left Ventricle Assisting Device -- Moving Hand Segmentation from H.264 Compressed Sign Language Videos -- CNN-Based Real-time Indian Sign Language Recognition System -- Sarcasm Detection using Multiple Occurrences of Emojis and Hashtagged Words -- Multiclass Multiple

Object Tracking -- Dimensionality Reduction in Hyperspectral Images using Auto-encoders -- Improved Registration of Infrared Images using EOH Descriptor -- Fine Grained Analysis of Bridging Social Capital with Triadic Analysis in a Co-Author Network -- Accumulation of Methodologies for Intensifying the Lifetime of the Wireless Sensor Networks -- A Multifactor Biometric Based User Authentication Protocol for IOT Networks -- Leveraging Topic Models with Novel Word Embeddings for Effective Document Clustering -- Survey on Access Control Mechanisms in Cloud Environments -- Sales Analysis and Performance of Super Store using Qlik Geo Analytics -- Assessment of Crop Rotation Using Multi Polarized Sentinel-1 Temporal SAR Data Over Parts of Kumaun Region of Uttarakhand -- Spatiotemporal and Delay Dynamics on a Prey Predator Fishery Model -- An Efficient Intrusion Detection System with Convolutional Neural Network -- Supervised Machine Learning Approach for Identification of Malicious URLs -- A Unified Framework for Stress Forecasting Using Machine Learning Algorithms -- Investigation and Analysis of Crop Maintenance Using IoT & KNN Techniques -- Enhancement of Anisotropic Diffusion Filtered Cardiac MR Images using Contrast based Fuzzy Approach -- Social Media Ecosystem: Review on Social Media Profile's Security and Introduce a New Approach -- An Investigation on Managing Patient Flow at Hospital Emergency Care Unit using Tree-Based Data Mining Techniques -- A Path Based Model for Link Prediction in Location Based Social Networks -- Predicting the Cost of Pre-owned Cars using Linear Regression Mechanisms in Machine Learning -- Bio-Inspired High Utility Item Framework based Particle Swarm Optimization Tree Algorithms for Mining High Utility Itemset -- On Atom-Bond Connectivity Invariant of Graphs -- Theoretical Design and Experimental Study for Urban Data Management using Energy-Saved IoT Big Data -- An Effective Approach for Security Attacks Based on Machine Learning Algorithms -- Class Based Associative Classification using Super Subset to Predict the By-Diseases in Thyroid Disorders -- Recommendation of Diet using Hybrid Collaborative Filtering Learning Methods -- Classification of Natural Images Using Machine Learning Classifiers on Graph Based Approaches -- Convolutional Neural Network Based Diagnosis of Alzheimer's Disease using Time Frequency features -- Humanly Evolving Robotics with Angular Sensor Control (HERASC) -- Post-occupancy Evaluation of Building Facilities in a University Community using an Electronic Platform -- Internet of Things: Demystifying Smart Cities & Communities -- Comparative Analysis of Optimizations of Antecedents and Consequents of Fuzzy Inference System Rules Lists using Genetic Algorithm Operations -- Uses and Impact of Social Media on Work Performance of Low Literate People -- A Comparative Analysis on Rumor Microblogs Detection from Social Network Sites -- Smart Sprint Methodology for Financial Management System Development -- A Novel Infrared Image Segmentation Method for Identifying the Faults in the Systems.

| Sommario/riassunto | This book is a collection of outstanding papers presented at the 1st International Conference on Advances in Computational Intelligence and Informatics (ICACII 2019), organized by the Department of Computer Science & Engineering, Anurag Group of Institutions (AGI), Hyderabad, on 20–21 December 2019. It includes innovative ideas and new research findings in the field of Computational Intelligence and Informatics that will benefit researchers, scientists, technocrats, academics and engineers alike. The areas covered include high-performance systems, data science and analytics, computational intelligence and expert systems, cloud computing, computer networks and emerging technologies. |