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Nota di contenuto	Chapter 1. HOG and LBP based writer verification -- Chapter 2. Implementation of Real Time Virtual Dressing Room using Microsoft Kinect SDK and Supervised Learning -- Chapter 3. Multiple Radar Data Fusion to Improve the Accuracy in Position Measurement Based on K-means Algorithm -- Chapter 4. A Brief Survey of Steganographic methods for ECG Signal -- Chapter 5. Spectral-spatial active learning in hyperspectral image classification using threshold-free attribute profile -- Chapter 6. A fuzzy logic based crop recommendation system -- Chapter 7. Community Detection and Design of Recommendation System Based on Criminal Incidents -- Chapter 8. Personalized Word Recommendation System using Sentiment Analysis -- Chapter 9. Simulative performance analysis of all optical universal logic TAND gate using Reflective Semiconductor Optical Amplifier (RSOA) -- Chapter 10. Development of a Publicly Available Terahertz Video Dataset and a Software Platform for Experimenting with the Intelligent Terahertz

VisualSurveillance -- Chapter 11. Identification of Plant Species using Deep Learning -- Chapter 12. A Hybrid Approach for Segmenting Grey and White Matter from Brain Magnetic Resonance Imaging (MRI) -- Chapter 13. Retinal Vessel Segmentation using Unsharp Masking and Otsu Thresholding -- Chapter 14. Region Growing Based Scheme for Extraction of Text from Scene Images -- Chapter 15. An Automated Reflector based Traffic Signal System.

Sommario/riassunto

This book gathers outstanding research papers presented at the International Conference on Frontiers in Computing and Systems (COMSYS 2020), held on January 13–15, 2019 at Jalpaiguri Government Engineering College, West Bengal, India and jointly organized by the Department of Computer Science & Engineering and Department of Electronics & Communication Engineering. The book presents the latest research and results in various fields of machine learning, computational intelligence, VLSI, networks and systems, computational biology, and security, making it a rich source of reference material for academia and industry alike.
