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| Soggetti | Automatic control Robotics Automation Image processing - Digital techniques Computer vision Signal processing Cooperating objects (Computer systems) Internet of things Control, Robotics, Automation Computer Imaging, Vision, Pattern Recognition and Graphics Signal, Speech and Image Processing Cyber-Physical Systems Internet of Things |
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| Nota di contenuto | 1. Securing IoT Enabled Financial Transactions with Artificial Intelligence -- 2. Fruits Quality Detection using Hybrid CNN-SVM Model -- 3. Advancing Alzheimer's Diagnosis Integrating Transfer Learning with Support Vector Machine for Enhanced Disease Classification -- 4. Machine Learning Based Landslide Prediction in Karnataka's Ghats Region -- 5. A Review of An efficient authentication mechanism for Wireless Sensors Networking Focused on the IIoT and its comparative analysis -- 6. Comparative Evaluation of Transfer Learning Models for Accurate Plant Disease Detection -- 7. Circuit Defect Inspect Circuit |

board defect detection using Modified Faster R-CNN -- 8. Data-Driven Insights into Polar Sea Ice Dynamics A 2017-2022 Analysis Using AMSR2 Satellite Data -- 9. Video Processing-Based Real Time Automobile Parts Defect Detection and Classification Using Deep Neural Network A Comprehensive Survey -- 10. Optical Satellite Imaging for Glacial Velocity Analysis Insights from Sikkim Glaciers Using Computer Vision Techniques.

Sommario/riassunto

This book consists of a collection of the high-quality research articles in the field of computer vision and robotics which are presented at the International Conference on Computer Vision and Robotics (CVR 2024), organized by Symbiosis Skills and Professional University, Pune, Maharashtra, India, during 25–26 May 2024. The book discusses applications of computer vision and robotics in the fields like medical science, defence, and smart city planning. The book presents recent works from researchers, academicians, industry, and policy makers.
