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Descrizione fisica	1 online resource (262 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 892
Disciplina	621.367
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	10 years of IP&C -- Development of a mobile robot prototype based on an embedded system for mapping -- Using Stereo-photogrammetry for Interiors Reconstruction in 3D Game Development -- Integration of Linear SVM Classifiers in Geometric Space Using the Median -- Reliability of Local Ground Truth Data for Image Quality Metric Assessment -- Video Processing and Analysis for Endoscopy-Based Internal Pipeline Inspection -- The influence of object reining in digital pathology -- Football players pose estimation -- Text entry by rotary head movements -- Comparison of using particle filters and flow graphs as behavior model containers in re-identification method applicable for multi-camera surveillance system -- Large LED Displays Panel Control using Splitted PWM -- Air-Gap Data Transmission using Backlight Modulation of Screen -- Using Different Information Channels for A-ect-aware Video Games - a Case Study -- Fast Adaptive Binarization with Background Estimation for Non-Uniformly Lightened DocumentImages -- Automatic Colour Independent Quality Evaluation of 3D Printed Flat Surfaces Based on CLAHE and Hough Transform -- Using Segmentation Priors to Improve the Video Surveillance Person Re-identification Accuracy,-Half Profile Face Image Clustering Based on

Feature Points -- Software Define Automatization of Virtual Local Area Network Load Balancing in Virtual Environment,-Modified TEEN protocol in Wireless Sensor Network Using KNN Algorithm,-The criteria for IoT architecture development -- The Problem of Sharing IoT Services Within One Smart Home Infrastructure -- Monitoring fire brigade IoT monitoring tool,-Sparse Autoencoders For Unsupervised Net ow Data Classification -- Network self-healing,-The rough set analysis for malicious web campaigns identification -- Assessing usefulness of blacklists without the ground truth -- Switching network protocols to improve communication performance in public clouds -- Interference-Aware Virtual Machine Placement: A Survey -- System architecture for real-time comparison of audio streams for broadcast supervision.

Sommario/riassunto

Presenting a collection of high-quality research papers on image processing and communications, this book not only discusses emerging applications of the currently available solutions, but also outlines potential future techniques and research directions in these areas. Gathering the proceedings of the 10th International Conference on Image Processing and Communications (IP&C 2018), held in Bydgoszcz, Poland in November 2018, it is divided into two parts. Part I focuses on image processing, offering a comprehensive survey of available methods and discussing current trends in computer vision. In turn, Part II presents novel results on networks, communications and a diverse range of applications, including cybersecurity and cloud computing. .
