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Soggetti	Artificial intelligence Computer networks Social sciences - Data processing Computer engineering Image processing - Digital techniques Computer vision Artificial Intelligence Computer Communication Networks Computer Application in Social and Behavioral Sciences Computer Engineering and Networks Computer Imaging, Vision, Pattern Recognition and Graphics
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Award -- Quantized Separable Residual Network for Facial Expression Recognition on FPGA -- Hole-peg Assembly Strategy Based On Deep Reinforcement Learning -- EEG-based Emotion Recognition Using Convolutional Neural Network with Functional Connections -- Fast barcode detection method based on ThinYOLOv4 -- The Realtime Indoor Localization for Unmanned Aerial Vehicle -- Algorithm -- L1-norm and Trace Lasso based Locality Correlation Projection -- Episodic Training for Domain Generalization Using Latent Domains -- A Novel Attitude Estimation Algorithm Based on EKF-LSTM Fusion Model -- METAHACI: Meta-learning for Human Activity Classification from IMU Data -- Fusing Knowledge and Experience with Graph Convolutional

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 -- Application -- Spatial Information Extraction of Panax Notoginseng
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 Improved XGBoost Model for AGV Localization -- Multi UAV Target
 Tracking based on the Vision and Communication Information -- An

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 5th International Conference on Cognitive Systems and Signal Processing, ICCSIP 2020, held in Zhuhai, China, in December 2020. The 59 revised papers presented were carefully reviewed and selected from 120 submissions. The papers are organized in topical sections on algorithm; application; manipulation; bioinformatics; vision; and autonomous vehicles.
