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Descrizione fisica	1 online resource (444 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1700
Disciplina	006.3
Soggetti	Artificial intelligence Image processing - Digital techniques Computer vision Computer engineering Computer networks Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Breast Ultrasound Tumor Detection Based on Active Learning and Deep Learning -- Adaptive Sliding Mode Control for A Hydraulic Position Servo System -- Multimodal Interaction Fusion Network Based on Transformer for Video Captioning -- A Composite Position Control of Flexible Lower Limb Exoskeleton Based on Second-order Sliding -- An Image Enhancement Method Based on Multi-scale Fusion -- Research on Construction Technology of Graph Data Model -- Face Detection Based on Improved MTCNN in Non-Uniform Light Environment -- Optimal SVM using An Improved FOA of Evolutionary Computing -- Sliding Mode Control for Manipulator Based on Non-linear Disturbance Observer -- Analysis And Control for Bilateral Teleoperation Systems with Part Active Power -- Content Extraction of Chinese Archive Images via Synthetic and Real Data -- An Active Robotic Detumbling Method

based on Deep Reinforcement Learning for Non-cooperative Spacecraft.  
 -- A Bilateral Controller for Pharyngeal Swab Test Teleoperation System  
 -- Enhanced Feature Fusion and Multiple Receptive Fields Object  
 Detection -- An Object Detection and Pose Estimation Method for AR  
 Application -- Learning Visual Tempo for Action Recognition --  
 Research on The Identification Method of Audiovisual Model of EEG  
 Stimulation Source -- Deep Learning-based Virtual Trajectory  
 Generation Scheme -- Intrusion Tolerance Quantitative Calculation for  
 Energy Internet Data -- Data Security Knowledge Graph for Active  
 Distribution Network -- Design of MobileNetV1 SSD Target Detection  
 Accelerator Based on FPGA -- Transformer-Based Point Cloud  
 Classification -- Underwater Object Tracking Based on Error Self-  
 Correction -- Novel Elimination Method of Baseline Drift Based on  
 Improved Least Square Method -- Point Cloud Driven Object  
 Classification: A Review -- Intelligent Identification of Similar  
 Customers for Electricity Demand Estimation based on Metadata of  
 Household Background -- A SQL Injection Attack Recognition Model  
 Based on 1D Convolutional Neural Network -- Controlled Makeup  
 Editing with Deep Generative Adversarial Network -- Network Traffic  
 Classification Method of Power System Based on DNN and K-means --  
 Research on Server Activity of Power Grid System Based on Deep  
 Learning -- Feature Analysis of Electroencephalogram Signals Evoked  
 by Machine Noise -- Cs-YOWO: Human Behavior Detection Model  
 Based on Attention Mechanism -- Attention-based Dynamic Graph CNN  
 for Point Cloud Classification -- Impedance Synovial Control for Lower  
 Limb Rehabilitation Exoskeleton System -- L-FPN R-CNN: An Accurate  
 Detector for Detecting Bird Nests in Aerial Power Tower Pictures --  
 PBLF: Prompt Based Learning Framework for Cross-modal Recipe  
 Retrieval -- Predictive Information Preservation via Variational  
 Information Bottleneck for Cross-view Geo-Localization -- Invariant  
 EKF Based Mobile Robot Simultaneous Localization and Mapping  
 Navigation.

#### Sommario/riassunto

This two-volume set (CCIS 1700-1701) constitutes the refereed  
 proceedings from the 7th International Symposium on Artificial  
 Intelligence, ISAIR 2022, held in Shanghai, China, in October 2022. The  
 69 presented papers were thoroughly reviewed and selected from 285  
 submissions. The volumes present the state-of-the-art contributions  
 on the cognitive intelligence, computer vision, multimedia, Internet of  
 Things, robotics, and related applications.