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Nota di contenuto	A Method for Integrating Sports Information Resources Based on Fuzzy Clustering Algorithm -- Research on Energy Consumption Data Monitoring of Smart Parks Based on IoT Technology -- Design of a Multidimensional Teaching Effectiveness Evaluation System Based on Information Integration -- Evaluation Method of Higher Vocational Online Education Effect Based on Data Mining Algorithm -- Wireless Networks for Social Information Processing, Civilian Radar Signal Processing -- Processing Method of Civil Radar Echo Signal Based on Kalman Filter Algorithm -- Frequency Offset Estimation of X band Marine Radar Sampling Signal Based on Phase Difference -- Terrain Echo Signal Enhancement Technology of Marine Radar Based on Generalized Filtering -- Design and Improvement of Airborne Ocean

Radar Fault Detection Algorithm -- An Automatic Control Algorithm for Sampling and Timing of Civil Radar Signal Based on DSP -- Design of Control System for Constant Speed Variable Multi Target Tracking Method for Rail Transit Crossing Based on Transient Electromagnetic Radar -- Pitch Loaded Multi Axis Unmanned Aerial Vehicle Based on Lidar Technology -- Research on Railway Frequency Shift Signal Detection Based on Transient Electromagnetic Radar -- Multi Target Tracking Method for Rail Transit Crossing Based on Transient Electromagnetic Radar -- A Data Mining and Processing Method for E-commerce Potential Customers Based on Apriori Association Rules Algorithm -- Design of English Mobile Online Education Platform Based on GPRS/CDMA and Internet -- Application of Artificial Intelligence Technology on Online Cultural Education Mobile Terminal -- College Psychological Mobile Education System Based on GPRS/CDMA and Internet -- Path Planning Method of Garbage Cleaning Robot Based on Mobile Communication Network -- Research on Electrical Equipment Status Monitoring Method Based on Wireless Communication Technology -- The Application and Research of Intelligent Mobile Terminalin Mixed Listening and Speaking Teaching of College English -- Research on Anti-interference Dynamic Allocation Algorithm of Channel Resources in Heterogeneous Cellular Networks for Social Communication -- Numerical Simulation of Dual Laterolog Response Based on Wireless Communication Technology -- Sharing Method of Online Physical Education Teaching Resources in Higher Vocational Colleges Based on Soa Architecture and Wireless Network -- Wireless Networks for Social Information Processing, Image Information Processing -- Application of Intelligent Mobile Terminal in Virtual Building Construction Training Teaching -- Numerical Simulation Model Construction of Swept Frequency Dielectric Logging Response Based on Wireless Communication -- Sports Athlete Error Action Recognition System Based on Wireless Communication Network -- Design of Adaptive Detection Algorithm for Mobile Social Network Security Vulnerability Based on Static Analysis -- Dynamic Mining of Wireless Network Information Transmission Security Vulnerabilities Based on Spatiotemporal Dimension -- The Intelligent Monitoring System of University Personnel File Falsification Data Based on Wireless Network -- Research on Image Super Resolution Reconstruction Based on Depth Learning -- Classification of Hyperspectral Remote Sensing Images Based on Three-Dimensional Convolutional Neural Network Model -- Texture Image Feature Enhancement Processing Method Based on Visual Saliency Model.

Sommario/riassunto

This four-volume set constitutes the post-conference proceedings of the 7th EAI International Conference on Advanced Hybrid Information Processing, ADHIP 2023, held in Harbin, China, during September 22-24, 2023. The 108 full papers presented were selected from 270 submissions and focus on theory and application of hybrid information processing technology for smarter and more effective research and application. The theme of ADHIP 2022 was Hybrid Information Processing in Meta World. The papers are named in topical sections as follows: wireless communication for social information processing, artificial intelligence technology; Mobile education, mobile monitoring, behavior understanding and object tracking; wireless networks for social information processing, image information processing; mobile monitoring, civilian audio and acoustic signal processing.