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Nota di contenuto	Chapter 1. Speech Manipulation Detection Method Using Speech Fingerprints and Timestamp Data -- Chapter 2. A PHR sharing model based on Tangle and PRE -- Chapter 3. A Novel Motor Task Classification Scheme in Magnetoencephalography based on CNN -- Chapter 4. Cooperative Search of UAV Formation Guided by Probability Graph -- Chapter 5. Design of encryption system based on state machine optimization scheme and FPGA implementation -- Chapter 6. Unscented Kalman Filter for UAV Real-time Localizing Dynamic Target on the Ground -- Chapter 7. A Novel Fish Migration Optimization with QUasi-A ne TRansformation Evolutionary for Numerical Optimization and Application -- Chapter 8. Face Virtual Sample Generation with 3D Model Based on Generative Adversarial Networks -- Chapter 9. Deep Learning-based Helmet Wearing Detection for Safety Surveillance -- Chapter 10. Pattern Matching

Method for Q&A Information Retrieval System -- Chapter 11. Research on Evaluation Method of Network Vulnerability in Power Monitoring System -- Chapter 12. The Clustering Algorithm Based on Improved Antlion Optimization Algorithm with K-means Concepts -- Chapter 13. Reversible data hiding based on multiple strategies -- Chapter 14. A Fully Restored Quantum Progressive Visual Secret Sharing Scheme -- Chapter 15. Construction of Interface Evaluation System in Internet-connected Vehicle Oriented to Automation Trust Calibration. etc.

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Sommario/riassunto

This book presents selected papers from the 17th International Conference on Intelligent Information Hiding and Multimedia Signal Processing, in conjunction with the 14th International Conference on Frontiers of Information Technology, Applications and Tools, held on 29–31 October 2021 in Kaohsiung, Taiwan. It is divided into two volumes and discusses latest research outcomes in the field of information technology (IT) including but not limited to information hiding, multimedia signal processing, big data, data mining, bioinformatics, database, industrial and internet of things, and their applications.

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