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Nota di contenuto Testing Paper Optimization Based on Improved Particle Swarm Optimization -- The Null Space Pursuit Algorithm Based on an Arbitrary Order Differential Operator -- An Iterative Method for the Least Squares Anti-bisymmetric Solution of the Matrix Equation -- A Label-Correlated Multi-Label Classification Algorithm Based on Spearman Rank Correlation Coefficient -- Research on Static Performance of Water-Lubricated Hybrid Bearing with Constant Flow Supply -- A Case-based Reasoning Method with Relative Entropy and TOPSIS Integration -- Research of Chemical Fabric Style Prediction System Based on Integrated Neural Network -- A Novel Session Identification Scheme with Tabbed Browsing -- Research into Information Security Strategy Practices for Commercial Banks in Taiwan -- An Improved Virtualization Resource Migration Strategy and Its Application in Data Center -- Null Space Diversity Fisher Discriminant Analysis for Face Recognition -- Automatic Color Detection of Grape Based on Vision Computing Method -- A Novel Design of Sharp MDFT Filter Banks With Low Complexity based on DPSO-MFO algorithm -- Information

navigation system of pulse radar employing augmented reality. .

Sommario/riassunto	This book provides the latest research findings and developments in the field of interactive intelligent systems, addressing diverse areas such as autonomous systems, Internet and cloud computing, pattern recognition and vision systems, mobile computing and intelligent networking, and e-enabled systems. It gathers selected papers from the International Conference on Intelligent and Interactive Systems and Applications (IISA2016) held on June 25–26, 2016 in Shanghai, China. Interactive intelligent systems are among the most important multi-disciplinary research and development domains of artificial intelligence, human–computer interaction, machine learning and new Internet-based technologies. Accordingly, these systems embrace a considerable number of application areas such as autonomous systems, expert systems, mobile systems, recommender systems, knowledge-based and semantic web-based systems, virtual communication environments, and decision support systems, to name a few. To date, research on interactive intelligent systems has largely focused either on the realisation of the systems' capabilities or on the cognitive processes and/or behaviour of their users. With the rapid development of Internet-based technologies, the design of interactive intelligent systems is facing many emerging issues and challenges such as investigating the ways that artificial agents and human intelligence can collaborate for better performance, understanding user requirements and user cognitive processes, safeguarding user privacy, etc. .