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Authentication for Smartphones -- Local Centroid Distance Constrained Representation-based K-Nearest Neighbor Classifier -- A Novel Mixed Sampling Algorithm for Imbalanced Data Based on XGBoost -- Privacy-Preserving and Secure Average Consensus -- Privacy Preserving Scheme based on Group Signature in Smart Grid -- Perception and Positioning -- Device-free Activity Recognition: A Survey -- Analysis of Gait Symmetry under Unilateral Load State -- The Mining of IP Landmarks for Internet Webcams -- Multi-label Image Classification Optimization Model based on Deep Learning.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 14th China Conference on Wireless Sensor Networks, CWSN 2020 held in Dunhuang, China, in September 2020. The 20 full papers were carefully reviewed and selected from 85 submissions. The papers are organized in topical sections on wireless sensor network theory and technology, basic theory and application of internet of things, internet of things security and privacy protection, and perception and positioning. |