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Security Protection Method for Deep Neural Network Model Based on Mobility and Sharing -- A Method for Small Object Contamination Detection of Lentinula Edodes Logs Integrating SPD-Conv and Structural Reparameterization -- A Study of Sketch Drawing Process Comparation with Different Painting Experience via Eye Movements Analysis -- Review of Deep Learning-based Entity Alignment Methods -- VMD-AC-LSTM: An Accurate Prediction Method For Solar Irradiance -- Anomaly Detection of Industrial Data Based on Multivariate Multi Scale Analysis -- Research on Script-based Software Component Development -- Integration Model of Deep Forgery Video Detection based on rPPG and Spatiotemporal Signal -- A Design of Hybrid Transactional and Analytical Processing Database for Energy Efficient Big Data Queries -- Chinese Medical Named Entity Recognition Based on Pre-training Model -- A Function Fitting System based on Genetic Algorithm -- A Rumor Detection Model Fused with User Feature Information -- Design and Implementation of a Green Credit Risk Control Model Based on SecureBoost and Improved-TCA Algorithm -- Unsupervised Concept Drift Detection based on Stacked Autoencoder and Page- Hinckley Test -- An Industrial Robot Path Planning Method Based on Improved Whale Optimization Algorithm -- Intrusion Detection System based on Adversarial Domain Adaptation Algorithm -- Small-Sample Coal-Rock Recognition Model Based on MFSC and Siamese Neural Network -- Elemental Attention Mechanism-guided Progressive Rain Removal Algorithm.

Sommario/riassunto

This book constitutes the refereed proceedings of the 18th International Conference on Green, Pervasive, and Cloud Computing, GPC 2023, held in Harbin, China, during September 23–24, 2023. The 38 full papers and 1 short paper included in this book were carefully reviewed and selected from 111 submissions. They were organized in topical sections as follows: Industrial Digitization and Applications, Edge Intelligence, Mobile Sensing and Computing, Cyber-Physical-Social Systems, Pervasive and Green Computing and Wireless and Ubiquitous Networking.
