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Descrizione fisica	1 online resource (445 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1744
Disciplina	005.7
Soggetti	Application software Computer engineering Computer networks Image processing—Digital techniques Computer vision Artificial intelligence Data structures (Computer science) Information theory Computer and Information Systems Applications Computer Engineering and Networks Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence Data Structures and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Deep Reinforcement Learning Approach -- Heterogeneous Multi-unit Control with Curriculum Learning for Multi-agent Reinforcement Learning -- A Deep Reinforcement Learning Approach for Cooperative Target Defense -- Particle Swarm Based Reinforcement Learning -- User’s Permission Reasoning Method Based on Knowledge Graph Reward Guidance Reinforcement Learning in Data Center. - SMPG: Adaptive Soft Update for Masked MADDPG -- Attentive Relational State Representation for Intelligent Joint Operation Simulation -- Graph

Neural Networks -- Flow Prediction via Multi-view Spatial-temporal Graph Neural Network -- RotatSAGE: A Scalable Knowledge Graph Embedding Model based on Translation Assumptions and Graph Neural Networks -- Denoise Network Structure for User Alignment across Networks via Graph Structure Learning -- OLPGP: An optimized label propagation-based distributed graph partitioning algorithm -- Deep Neural Networks -- DRGS: Low-Precision Full Quantization of Deep Neural Network with Dynamic Rounding and Gradient Scaling for Object Detection -- Emotion Recognition Based on Multi-scale Convolutional Neural Network -- Pose Sequence Model Using the Encoder-decoder Structure for 3d Pose Estimation -- Research and Analysis of Video-Based Human Pose Estimation -- Action Recognition for Solo-militant Based on ResNet and Rule Matching -- Multiple Residual Quantization of Pruning -- Clustering Methods -- Deep Structured Graph Clustering Network -- Improved Clustering Strategies for Learning Style Identication in Massive Open Online Courses -- CSHEM - A Compressed Sensing Based Secure Data Processing Method for Electrical Data -- Prediction Methods -- An Improved Multi-Source Spatiotemporal Data Fusion Model based on the Nearest Neighbor Grids for PM2.5 Concentration Interpolation and Prediction -- Study on the Prediction of Rice Noodle Raw Material Index Content by Deep Feature Fusion -- GAP: Goal-Aware Prediction with Hierarchical Interactive Representation for Vehicle Trajectory -- Multi-Cause Learning for Diagnosis Prediction -- Prediction of Postoperative Survival Level of Esophageal Cancer Patients Based on Kaplan-Meier(K-M) Survival Analysis and Gray Wolf Optimization (GWO)-BP Model -- Classification Methods -- Possibilistic Reject-Classication based on Contrastive Learning in Vector Quantization Networks -- A Classication Method for Imbalanced Data Based on Ant Lion Optimizer -- Learnable Relation With Triplet Formulation For Semi-supervised Medical Image Classication -- Multi-view Classication via Twin Projection Vector Machine with Application to EEG-based Driving Fatigue Detection -- An Interpretable Conditional Augmentation Classication Approach for Imbalanced EHRs Mortality Prediction -- Combining Statistical and Semantic Features For Trajectory Point Classication -- Identification and Recognition Methods -- Complementary Convolutional Restricted Boltzmann Machine and Its Applications in Image Recognition -- Text-independent Speaker Identication Using a Single-scale SincNet-DCGAN Model -- Genome-wide Feature Selection of Robust mRNA Biomarkers for Body Fluid Identication -- HOS-YOLOv5: An Improved High-precision Remote Sensing Image Target Detection Algorithm Based on YOLOv5 -- A Multi-Module 3D U-Net Learning Architecture for Brain Tumor Segmentation -- Problems with Regression-line in Data-mining Applications and A Better Alternate Linear-model -- Research on Hot Spot Mining Technology for Network Public Opinion -- Research Hotspots, Emerging Trend and Front of Fraud Detection Rearch: A Scientometric Analysis (1984 - 2021) -- Optimization Methods -- An Algorithm of Set-Based Dierential Evolution for Discrete Optimization Problem -- Multi-objective Optimization Technique for RSU Deployment -- Knowledge Learning-based Brain Storm Optimization Algorithm for Multimodal Optimization -- Market Investment Methods -- Non-Local Graph Aggregation for Diversied Stock Recommendation -- Novel Sentiment Analysis from Twitter for Stock Change Prediction -- A Novel Investment Strategy for Mixed Asset Allocation Based on Entropy-based Time Series Prediction -- The Framework of Hammer Credit Rating System for Enterprises in Capital Markets of China with International Standards -- Community Detection and Diagnosis Systems -- A Self-Adaptive Two-Stage Local Expansion

Algorithm for Community Detection on Complex Networks -- Supervised Prototypical Variational Autoencdoer for Shilling Attack Detection in Recommender Systems -- Knowledge Graph based Chicken Disease Diagnosis Question Answering System -- Therapeutic eects of corticosteroids for critical and severe COVID-19 patients -- Big Data Analysis -- Secure Cross-User Fuzzy Deduplication for Images in Cloud Storage -- Blockchain-based Integrity Auditing with Secure Deduplication in Cloud Storage -- Name Disambiguation Based on Entity Relationship Graph in Big Data -- Ontology-based metadata model design of data governance system -- Ontology-based Combat Force Modeling and Its Intelligent Planning Using Genetic Algorithm -- Research on Multi-channel Retrieve Mechanism Based on Heuristic -- Big-Model Methods -- PoetryBERT: Pre-Training with Sememe Knowledge for Classical Chinese Poetry -- Image hide with Invertible Network and Swin Transformer -- Modeling and Analysis of Combat System Confrontation Based on Large-scale Knowledge Graph Network -- Generating Aversarial Exmaples and Other Applications -- Generating Adversarial Malware Examples for Black-Box Attacks Based on GAN -- Defending Adversarial Examples by Negative Correlation Ensemble -- Accurate Decision-Making Method for Air Combat Pilots based on Data-Driven -- Establishment of Empirical Expression of Atmospheric Scattering Coecient for Line-of-sight Ultraviolet Propagation in Coastal Area.

Sommario/riassunto

This two-volume set, CCIS 1744 and CCIS 1745 book constitutes the 7th International Conference, on Data Mining and Big Data, DMBD 2022, held in Beijing, China, in November 21–24, 2022. The 62 full papers presented in this two-volume set included in this book were carefully reviewed and selected from 135 submissions. The papers present the latest research on advantages in theories, technologies, and applications in data mining and big data. The volume covers many aspects of data mining and big data as well as intelligent computing methods applied to all fields of computer science, machine learning, data mining and knowledge discovery, data science, etc.