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Disciplina	004.2
Soggetti	Computer systems Information storage and retrieval systems Computer networks Data protection Software engineering Computers, Special purpose Computer System Implementation Information Storage and Retrieval Computer Communication Networks Data and Information Security Software Engineering Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Deep Learning and Application -- Task Offloading in UAV-to-Cell MEC Networks: Cell Clustering and Path Planning.LAMB: Label-induced Mixed-level Blending for Multimodal Multi-label Emotion Detection -- MSAM: Deep Semantic Interaction Network for Visual Question Answering -- Defeating the non-stationary opponent using deep reinforcement learning and opponent modeling -- Multi-agent Deep

Reinforcement Learning-based Approach to Mobility-aware Caching --  
D-AE: A Discriminant Encode-Decode Nets For Data Generation --  
ECCRG: A Emotion- and Content-controllable Response Generation  
Model -- Origin-Destination Convolution Recurrent Network: A Novel  
OD Matrix Prediction Framework -- MD-TransUNet: TransUNet with  
Multi-Attention and Dilated Convolution for Brain Stroke Lesion  
Segmentation -- Graph Computing -- DGFormer: An Effective Dynamic  
Graph Transformer based Anomaly Detection Model for IoT Time Series  
-- STAPointGNN: Spatial-Temporal Attention Graph Neural Network for  
Gesture Recognition Using Millimeter-Wave Radar -- NPGGraph: An  
Efficient Graph Computing Model in NUMA-Based Persistent Memory  
Systems -- tHR-Net: A Hybrid Reasoning Framework for Temporal  
Knowledge Graph -- Improving Code Representation Learning via  
Multi-view Contrastive Graph Pooling for Abstract Syntax Tree --  
Security and Privacy Protection -- Protect applications and data in use  
in IoT environment using collaborative computing -- Robustness-  
enhanced assertion generation method based on code mutation and  
attack defense -- Secure Traffic Data Sharing in UAV-Assisted VANETs  
-- A Lightweight PUF-Based Group Authentication Scheme for Privacy-  
Preserving Metering Data Collection in Smart Grid -- A Semi-  
Supervised Learning Method for Malware Traffic Classification with Raw  
Bitmaps -- Secure and Private Approximated Coded Distributed  
Computing Using Elliptic Curve Cryptography -- A Novel Semi-  
supervised IoT Time Series Anomaly Detection Model using Graph  
Structure Learning -- Structural Adversarial Attack for Code  
Representation Models -- An Efficient Authentication and Key  
Agreement Scheme for CAV Internal Applications -- Processing and  
Recognition -- SimBPG: A comprehensive similarity evaluation metric  
for business process graphs -- Probabilistic Inference Based  
Incremental Graph Index for Similarity Search on Social Networks --  
Cloud-Edge-Device Collaborative Image Retrieval and Recognition for  
Mobile Web -- Contrastive Learning-based Finger-Vein Recognition  
with Automatic Adversarial Augmentation -- Multi-Dimensional  
Sequential Contrastive Learning for QoS Prediction.

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### Sommario/riassunto

The three-volume set LNICST 561, 562 563 constitutes the refereed post-conference proceedings of the 19th EAI International Conference on Collaborative Computing: Networking, Applications and Worksharing, CollaborateCom 2023, held in Corfu Island, Greece, during October 4-6, 2023. The 72 full papers presented in these proceedings were carefully reviewed and selected from 176 submissions. The papers are organized in the following topical sections: Volume I : Collaborative Computing, Edge Computing & Collaborative working, Blockchain applications, Code Search and Completion, Edge Computing Scheduling and Offloading. Volume II: Deep Learning and Application, Graph Computing, Security and Privacy Protection and Processing and Recognition. Volume III: Onsite Session Day 2, Federated learning and application, Collaborative working, Edge Computing and Prediction, Optimization and Applications.

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