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Disciplina	004.6
Soggetti	Computer networks Computer vision Image processing Computer engineering Computers, Special purpose Computer Networks Computer Vision Image Processing Computer Engineering and Networks Special Purpose and Application-Based Systems Computer Communication Networks
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Distributed Computing -- Utility driven joint time-and-power allocation in Energy-Harvesting Cognitive Radio Relay Networks -- An Improved and Efficient Distributed Computing Framework with Intelligent Task Scheduling -- Scheduling of Containerized Resources for Microservices in Cloud -- ELITE: Energy and Latency-Optimized Task Offloading for DVFS-Enabled Resource-Constrained Devices in MEC -- Parking Problem by Oblivious Mobile Robots in Infinite Grids -- The Computational Landscape of Autonomous Mobile Robots: The Visibility Perspective -- Coverage Criteria based Testing of IoT Applications -- An Online Algorithm for Cost Minimization of Amazon

EC2 Burstable Resources -- A Practical and Efficient Key-Aggregate Cryptosystem for Dynamic Access Control in Cloud Storage -- Intelligent Technology -- Prediction of Failure in Scania Truck due to Air Pressure System Failure -- A Multi-Class Classification for Detection of IoT Network attacks using machine learning models -- Optimizing Sentiment Analysis on Twitter: Leveraging Hybrid Deep Learning Models for Enhanced Efficiency -- Identification of onset and progression of Alzheimer's disease using Topological Data Analysis -- Enhancing Mario Gaming Using Optimized Reinforcement Learning -- Deep Learning in Industry 4.0: Transforming Manufacturing through Data-Driven Innovation -- SASE: Sentiment Analysis with aspect Specific Evaluation using deep learning with hybrid contextual embedding -- A Genetic Algorithm-Based Heuristic for Rumour Minimization in Social Networks -- A Machine Learning driven Approach For Parkinson's Prediction using Temporal Data -- Prediction of High-resolution Soil Moisture using Multi-source Data and Machine Learning -- Evaluating Deep CNNs and Vision Transformers for Plant Leaf Disease Classification -- Intelligent Ensemble-Based Road CrackDetection: A Holistic View -- Online Payment Fraud Detection for Big Data -- Bursty Event Detection Model for Twitter -- A General Variable Neighborhood Search Approach for the Clustered Traveling Salesman Problem with d-Relaxed Priority Rule.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 20th International Conference on Distributed Computing and Intelligent Technology, ICDCIT 2024, which was held in Bhubaneswar, India, during January 17–20, 2024. The 24 full papers presented in this volume were carefully reviewed and selected from 116 submissions. The papers are organized in the following topical sections: Distributed Computing (DC) and Intelligent Technology (IT). The DC track solicits original research papers contributing to the foundations and applications of distributed computing, whereas the IT track solicits original research papers contributing to the foundations and applications of Intelligent Technology.

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