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Nota di contenuto	1 Transfer Learning based Bi-GRU for Intrusion Detection System in Cloud Computing -- 2 Text to High Quality Image Generation using Diffusion Model and Visual Transformer -- 3 Bequeathing the Blockchain Wallet in Public Blockchain to Secure Wallet Sensitive Data -- 4 Few Shot Domain adaptation using Transformer and GNN- based Fine Tuning -- 5 Prediction of Diabetic Retinopathy Using Deep Learning -- 6 Maritime Vessel Segmentation in Satellite Imagery using UNET

Architecture and Multiloss Optimization -- 7 A Blockchain-Based Ad-Hoc Network to Provide Live Updates to Navigation Systems -- 8 Recognition of Facial Expressions Using Geometric Appearance Features -- 9 Facial Emotion Recognition using Deep Learning -- 10 Graph based Semantically Extractive Tool for Text Summarization using Similarity Score -- 11 Cloud Based Attendance Management System using Face Recognition with Haar Cascade Classifier and CNN -- 12 An Efficient Early Detection of Lung Cancer and Pneumonia with Streatlit -- 13 An Improved Filter Based Feature Selection Model For Kidney Disease Prediction -- 14 A Novel Approach to Address Concept Drift Detection with the Accuracy Enhanced Ensemble (AEE) in Data Stream Mining -- 15 Intelligent Computing Techniques for Sustainable Cybersecurity: Enhancing Threat Detection and Response -- 16 Parkinson's Disease Progression: Comparative Analysis of ML Models and Embedded Algorithm -- 17 System Evaluation of Team and Winner Prediction in One Day International Matches with Scenario Based Questionnaire -- 18 Data-Driven Precision: Machine Learning's Impact on Thyroid Disease Diagnosis and Prediction -- 19 Modeling and Design of an Autonomous Amphibious Vehicle with Obstacle Avoidance for Surveillance Applications -- 20 Prediction of Cardio Vascular Diseases using Calibrated Machine Learning Model -- 21 Alzheimer's disease detection using RESNET -- 22 Dysarthria Speech Disorder Assessment using Genetic Algorithm (GA)-based Layered Recurrent Neural Network -- 23 Plant Disease Diagnosis with Novel Segmentation and Multiple Feature Selection based on Machine Learning -- 24 An Integrated Method to Monitor Indoor Air Quality using IoT for Enhanced Health of COPD Patients -- 25 Design and Development of Computational Methodologies for Agricultural Informatics -- 26 RFCPredicModel : Prediction Algorithm of Precision Medicine in Healthcare with Big Data -- 27 Pioneering Real-Time Forest Fire Detection: A Comprehensive Examination of Advanced Machine Learning Techniques in IoT-Integrated Systems for Enhanced Environmental Adaptability -- 28 Rapid Damage Detection Using Texture Analysis with Neural Network -- 29 Improving Knowledge Representation using Knowledge Graphs: Tools and Techniques -- 30 Machine Learning-Based Corrosion Prediction Model for Steel Structures.

Sommario/riassunto

The two-volume proceedings set CCIS 2121 and 2122 constitutes the refereed proceedings of the First International Conference on Intelligent Computing for Sustainable Development, ICICSD 2023, which took place in Hyderabad, India, during August 25–26, 2023. The 46 papers included in these proceedings were carefully reviewed and selected from 138 submissions. They focus on digital healthcare, renewable energy, smart cities, digital farming, and autonomous systems.