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Nota di contenuto	Towards 6G-enabled Edge-Cloud Continuum Computing – Initial Assessment -- Experiments with Big Semi-Structured Data Analytics for Digital Marketing -- Stratification of White Blood Cells using Optimized DenseNet201 Model -- "Generating Functions and Approximations of the Caputo Fractional Derivative I" -- Real-time 3D Reconstruction for Mixed Reality Telepresence using Multiple Depth Sensors -- A Robust Data Hiding Scheme Using Singular Value Decomposition and Wavelet Transform -- Simulation Experiments of a Distributed Fault Containment Algorithm Using Randomized Scheduler -- NOVEL COMPUTER VISION APPROACH FOR SCALE-SPECIFIC GENERATIVE STICK FIGURE AS SYNTHETIC TRIBAL ART WORKS -- Facial emotion recognition based on Textural pattern and Histogram of Oriented Gradient -- Fruit-Net: Fruits recognition system using Convolutional Neural Network -- PREDICTION OF GLAUCOMA USING DEEP LEARNING BASED APPROACHES -- Detection of Parkinson’s Disease through Telemonitoring and Machine Learning Classifiers -- Implementation of smart contract using Ethereum Blockchain -- Prediction of Compressive strength of Geopolymer Concrete by using Random Forest Algorithm -- Cardiovascular Disease Prognosis & Analysis using Machine Learning

Techniques -- Cardiac disease detection using IoT-enabled ECG Sensors and Deep Learning Approach -- Critical Evaluation of SIMON and SPECK BLOCK Cipher for different modes of operation -- An Analysis on the Methods for Water Quality Prediction from Satellite Images and Camera Images -- Energy efficient Routing in wireless sensor network for Moving nodes using Moth Flame Algorithm compared with vector based Routing -- Augmented Reality Using Gesture and Speech Accelerates User Interaction -- Survey and Performance Evaluation of Clustering and cooperative Medium Access protocols for Vehicular Networks -- Improve CNN model Agro-Crop Leaf Disease Identification based on Transfer Learning -- Per User based Multi Threshold Scheduling for BER Improvement compared to Priority Scheduling in MU-MIMO Networks -- Cervical Cancerous Cell Detection using Enhanced Classification and Embedded Deep Learning Method -- Hybridization of AES and RSA algorithm in File Encryption using Parallel Computing -- Lightweight Trust Aware Hybrid Key Management Scheme for WSN to Reduce the Energy Consumption in Comparison with TERP and LTB- AODV -- A comparative analysis of SIW Bandpass filters loaded with different shapes of DGS-DMS for satellite communication -- Efficient Energy Consumption Model for clusters in Wireless Sensor Network -- Emotion Identification from Tamil Song Lyrics using Machine Learning Algorithms -- AI Based Interactive System-HOMIE -- Factors Influencing Security Issues in Cloud Computing -- Code-Based Cryptography: A Comparative Study of Key Sizes -- Advance Collision Prevention System -- Energy Efficient Routing in Underwater Acoustic Sensor Network Using CROW Optimization Algorithm over AODV -- Sign language recognizing using Machine Learning -- A review of Clustering Techniques on Image segmentation for reconstruction of buildings -- Deep Neural Networks for Wild Fire Detection and Monitoring with UAV -- PDR Improvements using Per User based Multi Threshold Scheduling compared to Priority Scheduling for MU-MIMO Networks -- Framework for Land Registry System Using Ethereum Blockchain -- A Comprehensive Study of Plant Disease Detection Using Deep Learning Methods -- APPLICATION OF A NOVEL DEEP LEARNING MODEL TO RECOGNIZE AND PREDICT KIDNEY DISEASE IN THE CONTEXT OF IMAGE PROCESSING -- Classification of adulterated food grain thermal images using Convolutional Neural Networks -- Distributed Hotel chain using Blockchain and Chainlink -- ACCURATE RATING SYSTEM USING BLOCKCHAIN -- Approaches to overcome human limitations by an Intelligent Autonomous system with a level of consciousness in reasoning, decision making and problem-solving capabilities -- BBACTFM (Blockchain Based Accurate Contact Tracing Framework Model) for Tourism Industry -- RANDOMIZED ACTIVE LEARNING TO IDENTIFY PHISHING URL -- Data Analysis on ERP System of Easy-Payment Services -- "SELF-DRIVING CAR: LANE DETECTION AND COLLISION PREVENTION SYSTEM" -- A novel machine learning classification model to analyze the COVID-19 pandemic’s impact on academics: Sentiment Analysis Approach -- Implementation of Optimal Leaf Feature Selection-based Plant Leaf Disease Classification Framework with RNN+GRU Technique -- Smart Lysimeter with Artificial Lighting and Plant Monitoring System -- Automatic Detection and Monitoring of Hate Speech in Online Multi-Social Media -- Energy Efficient Routing in Wireless Sensor Network for Moving Nodes using Genetic Algorithm Compared with PSO -- "Prediction of Compressive strength of Green Concrete by Artificial Neural Network" -- Early-Stage Dementia Detection by Optimize Feature Weights with Ensemble Learning -- IoT Enabled An Efficient Vehicle Parking System -- RECOMMENDATION SYSTEMS FOR A GROUP OF USERS WHICH

RECOMMEND RECENT ATTENTION: Using Hybrid Recommendation Model -- Face mask detection and recognition with high accuracy on live streaming video using with improved YOLO V4 and comparing with Deep Learning Method -- SMART CITIES: P2P Energy Trading Using Blockchain -- A Predictive Energy Saving Technique for 5G Network Base Stations -- Cursor Motion Control using Eye Tracking and Computer Vision -- An IoT-Based Control System to Measure, Analyze, and Track Basic Vital Indicators in Patient Healthcare Monitoring System -- A Comprehensive Review on Skin Disease Classification Using Convolutional Neural Network and Support Vector Machine -- OPTIMIZATION OF ROUTING PROTOCOL FOR UNDERWATER ACOUSTIC SENSOR NETWORK USING MODIFIED LION ALGORITHM OVER DPSO -- COVID-19 Detection in the Images of Chest CT Scan using K-NN in Comparison with NB Classifier to Improve the Accuracy -- Deep learning based dynamic object addition to video instances for creating synthetic data -- Improved Accuracy in Speech Recognition System for Detection of Covid-19 using K Nearest Neighbour and Comparing with Artificial Neural Network -- Role of Artificial Intelligence in the screening of neoplastic oral lesions.

Sommario/riassunto

This book constitutes selected papers presented at the First International Conference on Advanced Communication and Intelligent Systems, ICACIS 2022, held as a virtual event in October 2022. The 69 papers were thoroughly reviewed and selected from the 258 subissions. The book focuses on current development in the fields of communication and intelligent systems.