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Nota di contenuto	A Novel Approach for Prediction of Liver Disease Using Voting Algorithm Based on Machine Learning Models -- An Empirical Study on Security Methods for Federated Learning Environments and Their Various Applications -- SWIFT Image Registration with ORB Features.- MELP: Multi-Embedding based Link Prediction in Attributed Networks -- A Comprehensive Analysis: Exploring the scope of research on Person recognition from the Body shapes -- Facial Expression Recognition using Ensemble Learning Approach -- Text-Based Language Learning Application -- Identification of Misogynistic Memes Using Transformer Models -- A Hybrid Deep Learning Model for robust deep fake detection -- Hybrid Convolutional Neural Networks for MultiEmotion classification using GAMEEMO -- Machine Learning Based Analysis of Code Smells at Class Level and Method Level. Deep Convolutional Neural Networks for Automated Road Damage Detection

-- Application of Artificial Intelligence in Automatic Cephalometric Landmark Annotations - A Comprehensive Review -- Multi Criteria Decision Making for Hospital Management System Software Selection Using Intuitionistic Fuzzy-MOORA -- Recommender System using Community Detection and Probabilistic Matrix Factorization -- Recommender System using Local Community Detection and Non-Negative Matrix Factorization -- MCDM Problems in an Interval Number for Group Decision- Making -- Sentiment analysis for the football clubs using Twitter Data -- Fresh Fruit Detection Using Yolo and OpenCV -- An investigation of ensemble-based framework for stress detection using multimodal clues -- Enabling Digital Trust for Predictions Made By AI In Heart Disease Prediction -- Predicting Suicidal Ideation on Reddit: A Precise Machine Learning Classifier for Mental Health Support -- Hybrid Deep Neural Network for detection of Myocardial Infarction with Electrocardiogram Signals -- Single Image Super-Resolution Evaluated Using Objective Metrics -- Temporal Intelligence: Recognizing User Activities with Stacked LSTM Network -- Prospective Study of Models for Advanced Persistent Threat Detection: A review -- A Deep learning framework for Crowd Internet of Things(Crowd-IoT) -- A conceptual framework for the monitoring of the vehicle using Blockchain Technology -- Circuit that Models Supercapacitor Module Discharge -- Analysis of Inheritance of Criminal Behaviour from the Parents using Genetic Algorithm -- Load Distribution Using Optimized number of Controllers in Software Defined Networks -- Group based Itinerary Recommendation Engine for the Tourist -- Point of Interest using IOT -- Communications using Fog Cloud Systems with Interrupted Network Connectivity in Healthcare Emergency -- A Scalable High Speed Priority Encoder Design -- A Perspective of Mango Pest Classification Using Wrapper-Based Feature Selection Algorithm -- Multi-Criteria Decision-Making Problems Based Anti-Virus Software Selection Using Intuitionistic Fuzzy VIKOR -- Real Time Object Detection Using YOLOv5 -- HSO-based K-Means Segmentation for Identification of Disease and Deficiency in Paddy Plant -- Improving Facial Emotion Recognition Through Ensemble Classification Strategies -- Prediction of Traffic Signs avoiding adversarial effects using Convolutional Neural Networks -- Crowd Sourcing Based Online Blood Bank System -- Active Directory and its Security Testing -- mLSTM: A Novel Modified Long Short Term Memory Networks For Melody Synthesis Melody Generation -- Time-slot based POI recommendations using user's current location.

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#### Sommario/riassunto

This book presents high-quality, peer-reviewed papers from International Conference on Advanced Communications and Machine Intelligence (MICA 2023), hosted by National Institute of Technology Warangal, Telangana, India, during 30–31 October 2023. The book includes all areas of advanced communications and machine intelligence. The book is useful for academicians, scientists, researchers from industry, research scholars, and students working in these areas.

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