1. Record Nr. UNINA9910983033503321

Autore	Panda Sanjaya Kumar
Titolo	Computing, Communication and Learning : Third International Conference, CoCoLe 2024, Warangal, India, September 13–15, 2024, Revised Selected Papers / / edited by Sanjaya Kumar Panda, Rajkumar Buyya, Rashmi Ranjan Rout, Manjubala Bisi, Sangharatna Godboley, Kuan-Ching Li, Ashish Ghosh
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031790416 3031790413
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (576 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2317
Altri autori (Persone)	BuyyaRajkumar RoutRashmi Ranjan BisiManjubala GodboleySangharatna LiKuan-Ching GhoshAshish
Disciplina	006.3
Soggetti	Artificial intelligence Computer engineering Computer networks Application software Computers Artificial Intelligence Computer Engineering and Networks Computer and Information Systems Applications Computing Milieux
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Advancements in AI for Predictive Modeling, Quality Enhancement, and Real-Time Detection Across Various Domains. -- Crude Oil Price Forecasting using Hybridization of Optimized Deep Learning and Shallow Machine Learning Models. -- Adam Lyrebird Optimization-

based DLSTM for Solar Irradiance Prediction using Time Series Data. -- Code Smell Detection using Deep Learning Models to Enhance the Software Quality. -- Unveiling the Future of Agriculture: Transformative Impact of Advanced Deep Learning with Mobile App Technology for Plant Leaf Disease Detection. -- Air Quality Prediction using Ensemble Learning. -- Real-Time Highway Accident Detection and Response with Deep Learning and Edge Caching. -- Detection of Yoga Poses Using CNN and LSTM Models. -- Enhancing Rhetorical Role Identification in Legal Documents using Large Language Models and IN_place Data Augmentation. -- Persona-Driven Dialog Generation: Enhancing User Engagement Through Linguistic Proficiency and Personalization. -- Design and Development of a Working Tool for Visual Speech and Speaker Recognition for Marathi and Gujarati Languages. -- Analysis of Tracking Algorithms for Multi-Person Tracking. -- Personalized Human Activity Recognition Using Smartphone Technology. -- Machine Learning Advances in Medical Imaging, Agricultural Monitoring, and Multimedia Processing. -- A Comprehensive Comparative Study of Breast Cancer Detection Using Machine Learning Techniques to Improve Diagnosis. -- Performance Improvement of Machine Learning Algorithms Through Information-Theoretic Class Based Feature Multicorrelation Enabled Feature Selection for Cervical Cancer Prediction. -- Towards Robust Skin Cancer Diagnosis: Deep Fusion of VGG16 and MobileNet Features. -- Deep Transfer Model Based Accurate Brain Tumor Classification in Magnetic Resonance Images. -- Pneumonia Detection from X-ray Images using Deep Transfer Learning. -- Crop Identification by using Machine Learning Classification Algorithm. -- Biotic Stress Classification of Pear Leaves Diseases using Stacking Ensemble Approaches. -- Unveiling Emotions from Audio: A Multi-Model Exploration Leveraging Diverse Datasets. -- A Contrastive Meta-Learning Approach with Isotropic Sparse Decomposition for Scalable Audio-Visual Learning. -- Audio-Based Video Segmentation for Long Duration Videos using Triplet-Loss Based Sentence Transformers and Acoustic Characteristics. -- Video Content Moderation in Instagram. -- An Effective Deep Learning Model for Air-Scripted Alphabet Recognition System. -- Advancements in Privacy-Preservation and Intelligent Detection Systems for Federated Learning and Edge Computing. -- Privacy-Preservation for Federated Learning: Survey and Future Directions. -- Decentralized Health: Federated Deep Learning for Cervical Cytology Image Segmentation. -- Malicious URL Detection using Artificial Intelligence Techniques. -- Deep Forest-based Intrusion Detection System for Edge Intelligence Assisted Smart Homes. -- Statistical Modeling of Temperature Prediction Using Residual Network. -- Investigating Salient Object Detection Methods Tailored for Edge Computing Infrastructure. -- A Novel and Scalable Framework for Analyzing Building Energy Efficiency. -- Assessment on Significant SVM and MLP-Based Optimized Resource Allocation for Load Balancing. -- An Improved and More Effective FSPC-Based Cloud Consumer Legality Process for Protected Data. -- A Review on QoS Aware Approaches in Edge-Fog Computing Environment.

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Conference on Computing, Communication and Learning, CoCoLe 2024, held in Warangal, India, in September 2024. The 24 full papers and 10 short papers presented here were carefully reviewed and selected from 149 submissions. These papers have been categorized under the following topical sections: Advancements in AI for Predictive Modeling, Quality Enhancement, and Real-Time Detection Across Various Domains; Machine Learning Advances in Medical Imaging,

	Agricultural Monitoring, and Multimedia Processing; Advancements in Privacy-Preservation and Intelligent Detection Systems for Federated Learning and Edge Computing.

2.

Record Nr.	UNINA9910346714503321
Autore	Bender Jan
Titolo	Dynamiksimulation in der Computergraphik
Pubbl/distr/stampa	KIT Scientific Publishing, 2014
ISBN	1000040123
Descrizione fisica	1 online resource (IV, 255 p. p.)
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Interactive physically-based simulation of rigid bodies and deformable solids is an important and active research topic in computer graphics as well as an essential part of many applications like virtual prototyping, computer games or training simulators. This work presents interactive simulation methods for multi-body systems, cloth and incompressible deformable solids. Furthermore, GPU-based methods are introduced which accelerate the simulation significantly.