1. **Record Nr.** UNINA990002018130403321

   Autore Womersley, Herbert

   Titolo Primitive insects of South Australia : silverfish, springtails and their allies / H. Womersley

   Pubbl/distr/stampa Adelaide : South Australian Branch of British Science Guild, 1939

   Descrizione fisica 322 p. ; 25 cm

   Disciplina 595.71

   Locazione DAGEN

   Collocazione 61 IV D.1/04

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

2. **Record Nr.** UNINA9910874684103321

   Titolo Pattern Recognition and Machine Intelligence : 9th International Conference, PReMI 2021, Kolkata, India, December 15–18, 2021, Proceedings / / edited by Ashish Ghosh, Irwin King, Malay Bhattacharyya, Shubhra Sankar Ray, Sankar K. Pal

   Pubbl/distr/stampa Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024

   ISBN 9783031127007

   Edizione [1st ed. 2024.]

   Descrizione fisica 1 online resource (639 pages)

   Collana Lecture Notes in Computer Science, , 1611-3349 ; ; 13102

   Disciplina 006.3

   Soggetti Image processing - Digital techniques
   Computer vision
   Data mining
   Artificial intelligence
   Algorithms
   Computer Imaging, Vision, Pattern Recognition and Graphics
   Data Mining and Knowledge Discovery
   Artificial Intelligence
   Design and Analysis of Algorithms

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	1 Image Processing -- Image Quality Assessment using Combination of Deep Convolutional Neural Networks -- Blind Image Forgery Detection using LBP and Statistical Moments -- Edge Detection in Gray Scale Images using Partial Sum of Second Order Taylor Series Expansion -- Image Re-Attentionizing Using Particle Swarm Optimization -- Auto-Encoder Guided Attention based Network for Hyperspectral Recovery from Real RGB Images -- 2 Text, Voice and Video Processing -- Raga Classification in Carnatic Music Using Audio Thumbnailing -- Wavelet Residual Learning for Efficient Future Frame Prediction from Natural Video Sequences -- Voice Privacy Through Time-Scale and Pitch Modification -- Abusive Speech Detection and Politeness Transfer -- Voice Liveness Detection using Bump Wavelet with CNN -- 3 Bioinformatics -- Classification of Task Evoked fMRI Signals using Temporal Characteristics of Brain Regions -- Ensemble Models for Multi-class Classification of Diabetic Retinopathy -- Identification of Potential Biomarkers using Integrative Approach: An application of ESCC -- Autoencoder Assisted Cancer Subtyping by Integrating Multi-omics Data -- ADHDNet: A DNN based Framework for Efficient Early ADHD Detection from fMRI Dataset -- 4 Deep Learning -- Multi-Stage Transfer Learning Based Yoga Pose Recognition using CNN -- Autoencoder and Extreme Learning Machine based Deep Multi-label Classifier -- Neural Pooling for Graph Neural Networks -- Pedestrian Detection and Movement Direction Recognition with Convolutional Neural Network -- Deep Learning Based Tree Detection and Counting for Remotely Sensed Images -- CateReR: A Graph Neural Network-based Model for Category-wise Reliability-aware Recommendation -- 5 Medical Image Processing -- Attention Assisted Patch-wise CNN for the Segmentation of Fluids from the Retinal Optical Coherence Tomography Images -- A Reinforcement Learning Framework for Lung Segmentation of COVID-19 and Pneumonia Affected Chest X-Ray Image -- Deep and Bio-Inspired spiking Neural Networks based Optimized Multimodal Neurological Image Fusion Model -- Model Compression Techniques for Atrial Fibrillation Detection on Mobile Devices -- Speckle de-noising with Local Oriented Structure for Edge Preservation in Ultrasound Images -- 6 Theory and Models -- Magnetic Resonance Imaging via weighted ℓ_{1-p} minimization -- Spherical Separability : Associative Memories -- Addressing Issues in Training Neural ExtractiveSummarisation Models -- Metrics from Fuzzy Implications and their Application -- STATS-BERT: An Enhanced BERT Model with Statistical Masking for Improved Transfer Performance -- 7 Feature Selection -- Super-Resolution Model Using Multi Directional Structure Integrity Prior -- Stateful MapReduce Framework for mRMR Feature Selection using Horizontal Partitioning -- Analysis of Lombard Effect by using Hybrid Visual Features for ASR -- Adverse Event Classification from Co-prescribed Drugs by Integrating Chemical, Phenotypic and Graph Embedding Features -- Enhancing EEG-Based Emotion Recognition using Multi Domain Features and Genetic Algorithm based Feature Selection -- 8 Biometrics and Dermoscopy -- A Novel Cancelable Fingerprint Template Generation Mechanism using Visual Secret Sharing -- Re-calibrated Attention-based Deep Learning Technique for Dermoscopic Lesion Segmentation -- An Enhanced

Generative Adversarial Network model for Fingerprint Presentation Attack Detection -- Rank Level Fusion of Multimodal Biometrics Using Particle Swarm Optimization -- 9 Facial Image Analysis -- Wavelet Based Convolutional Neural Network for Face Anti-Spoofing -- MaskMTL: Attribute Prediction in Masked Facial Images with Deep Multitask Learning -- Masked Face Detection for Effective COVID-19 Containment: A Light Convolution Neural Network based Model -- Petersen Graph based Binary Pattern for Person Independent Facial Expression Recognition -- Restoring Face Occluded Images Using GAN Based Inpainting with Perceptual and Contextual Losses -- 10 Object and Event Detection -- Salient Object Detection in Hyperspectral Images Using Felzenswalb's Segmentation Algorithm -- Automated Proctoring based on Head Orientation Analysis and Object Detection -- A Hybrid Network for Scanned Floor Plan Image Recognition and Room Labeling -- An Effective Real-time Surveillance System for Fire and Smoke Detection Using CNN -- Spatial-SMOTE: An Approach for Handling Class Imbalance in Spatial Time Series Data -- An Efficient Anomaly Detection Approach using Cube Sampling with Streaming Data -- 11 Pattern Recognition -- Automated Seed Quality Testing System using GAN and Active Learning -- Stochastic Quasi-Newton Minimum Complexity Machine for Pattern Classification -- Semi-supervised Learning using Variational Autoencoder - A Cluster based Approach -- Non-Episodic Variational Discriminative Few-Shot Classifier -- PReLim: A Modeling Paradigm for Remote Sensing Image Scene Classification under Limited Labeled Samples -- 12 Machine Learning Applications -- Towards Automatic Defect Detection in Sugarcane Billets from Images -- DSAL-GAN: Denoising based Saliency Prediction with Generative Adversarial Networks -- Legal Case Retrieval using SVM Classifier -- Topic Evolution Model for Interactive Information Search -- Interactive System for Toddlers using Doodle Recognition -- HORIE: Helpfulness of Online Reviews with Improved Embedding.

| Sommario/riassunto | This book constitutes the refereed proceedings of the 9th International Conference on Pattern Recognition and Machine Intelligence, PReMI 2021, held in December 2021. Due to COVID-19 pandemic the conference was held virtually. The 62 full papers included in this book were carefully reviewed and selected from 215 submissions. They were organized in topical sections as follows: image processing; text, voice and video processing; bioinformatics; deep learning; medical image processing; theory and models; feature selection; biometrics and dermoscopy; facial image analysis; object and event detection; pattern recognition; machine learning applications. |