

1. Record Nr.	UNINA9910921010203321
Autore	Singh Ninni
Titolo	Proceedings of the 1st International Conference on Intelligent Healthcare and Computational Neural Modelling : Select Articles from ICIHCNN 2022, 30 November, Dehradun, India // edited by Ninni Singh, Ali Kashif Bashir, Seifedine Kadry, Yu-Chen Hu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819928323 981992832X
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (973 pages)
Collana	Advanced Technologies and Societal Change, , 2191-6861
Altri autori (Persone)	BashirAli Kashif KadrySeifedine <1977-> HuYu-Chen
Disciplina	006.3
Soggetti	Artificial intelligence Cognitive neuroscience Medical care Machine learning Computational intelligence Artificial Intelligence Cognitive Neuroscience Health Care Machine Learning Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Comparative study on Melanoma detection using machine learning paradigm -- Crop Recommendation System Using Machine Learning Algorithms -- Movie Recommendation System Using Deep Learning -- A New Switched Capacitor based Five-Level Inverter for PV Applications -- Multilingual Text Identification using NLP and Machine Learning -- A Single Source based Switched capacitor Nine-Level Boost Inverter with a Low Switch Count and SelfBalanced Capacitors -- IoT based Automatic Forest Fire Extinguisher -- Modeling of Voltage Droop Control in DC

Microgrid for Voltage Profile Improvement -- Compact Transformer  
Neural Network for Pulmonary Disease Classification from Radiological  
Imaging -- Performance Investigation of Five Level Cascaded Multilevel  
Inverter based Solar PV System with Charge Balance Control -- Power  
System Stability Constrained Contingency Ranking using Game Theory  
-- Artificial Neural Network Based Contingency Ranking Using Line  
Voltage Stability Index -- Techniques of Applied Linguistics for  
Language Teaching – Learning -- Methodology for Sustainable Equity  
of Livelihood and Right-of-Way to Technology -- Automatic Brain  
Tumor Classification using Transfer Learning -- Early Disease  
Prediction Detection of Blast in Oryza Sativa -- Octave and Level  
Sampling based Medical Image Registration using Maximum Dominance  
-- Deep Learning for Kidney MRI Image Analysis -- Parkinson's Disease  
Detection and Classification Through Gait Analysis -- Analysis of the  
Performance of a PMDC-Based EV during Regenerative Breaking --  
Reduced Switch Count Multilevel inverters -- Design and Analysis of Six  
Phase Induction Motor using Wind Driven Optimization -- Intelligent  
Shopping Carts for Mall Automation -- Block chain-Embellished Cloud  
Data Security -- Implementation of Pectoral removal with Hybridization  
of MSER Pectoral and Hough Pectoral methods -- Attention-based  
Gated Recurrent Networks for Parkinson's Disease Detection through  
Voice Patterns -- Classification of Brain Tumors from MRI Images  
Utilizing a Convolutional Neural Network -- Non-Gaussian Noise  
Detection by Machine learning Algorithm for Multispectral Satellite  
Images -- FPGA-based IC design for ECG monitoring signals generation  
-- Novel synchronous counters using flip flops for low power  
applications -- Intelligent Seasonal Palm Agriculture Systems for Better  
Health -- Privacy Preserving and Detection of EEG signals using  
Machine Learning methods -- Secure Communication Protocol for  
Maintaining Health care Data in Modern IoT Applications --  
Convolutional neural network for Classification of Image-based  
malware: A Deep Learning -- Propheising of Cardiovascular Disease  
Using Decision Tree Classification Algorithm -- Analysing Tweets Based  
On Emotions -- A Comparative Study of Deep Learning Models with  
Transfer Learning for Liver Tumor Classification -- The Prevalence of  
Emotional Stress among Undergraduates during Online Sessions at  
Government Colleges, Telangana- Analytical Study -- The Impact of  
Self-Concept among the Secondary School Students with Intellectual  
Disabilities -- Breast Cancer Detection using Ensemble Learning Model  
-- Design and Simulation of Glass Shaped Patch Antenna Array with  
Circular Slots for Wireless Applications. .

---

### Sommario/riassunto

This book includes peer-reviewed articles from the 1st International Conference on Intelligent Healthcare and Computational Neural Modelling (ICIHCCN—2022), held on November 30, 2022, at Dehradun, India. It covers the latest research trends and developments in areas of Data Science, Artificial Intelligence, Neural Networks, Cognitive Neuroscience and Machine Learning Applications, Cyber-Physical Systems, and Cybernetics.

---