

1. Record Nr.	UNISA996466601903316
Autore	Bernard P. <1944->
Titolo	Lecture on probability theory and statistics : ecole d'ete de probabilités de Saint-Flour XXVI - 1996 // Pierre Bernard [and three others]
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer, , [1996] ©1996
ISBN	3-540-49635-1
Edizione	[1st ed. 1996.]
Descrizione fisica	1 online resource (VIII, 308 p.)
Collana	École d'Été de Probabilités de Saint-Flour, , 0721-5363 ; ; 1648
Classificazione	62-06 60-06
Disciplina	519.2
Soggetti	Probabilities Statistics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Perturbation methods of the theory of Gibbsian fields -- Lectures on inverse problems -- Isoperimetry and Gaussian analysis.

2. Record Nr.	UNINA9910502647403321
Titolo	Brain Informatics : 14th International Conference, BI 2021, Virtual Event, September 17–19, 2021, Proceedings // edited by Mufti Mahmud, M Shamim Kaiser, Stefano Vassanelli, Qionghai Dai, Ning Zhong
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-86993-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (606 pages)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 12960
Disciplina	006.32
Soggetti	Artificial intelligence Application software Education - Data processing User interfaces (Computer systems) Human-computer interaction Image processing - Digital techniques Computer vision Artificial Intelligence Computer and Information Systems Applications Computers and Education User Interfaces and Human Computer Interaction Computer Imaging, Vision, Pattern Recognition and Graphics Intel·ligència artificial Programari d'aplicació Educació Processament de dades Interfícies d'usuari (Sistemes d'ordinadors) Interacció persona-ordinador Processament digital d'imatges Visió per ordinador Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Cognitive and Computational Foundations of Brain Science Inferring Neural Circuit Interactions and Neuromodulation from Local Field Potential and Electroencephalogram measures -- Motivation to Learn Action-State Representation with Hierarchical Temporal Memory -- The Effect of Expected Revenue Proportion and Social Value Orientation Index on Players' Behavior in Divergent Interest Tacit Coordination Games -- On the Extraction of High-level Visual Features from Lateral Geniculate Nucleus Activity: A Rat Study -- Disfluency as an Indicator of Cognitive-communication Disorder Through Learning Methods -- Bidirected Information Flow in the High-Level Visual Cortex -- A Computational Network Model for Shared Mental Models in Hospital Operation Rooms -- System Level Knowledge Representation For Metacognition in Neuroscience -- Brain connectivity based classification of Meditation expertise -- Exploring the Brain Information Processing Mechanisms from Functional Connectivity to Translational Applications -- Organization Investigations of Human Information Processing Systems Spectral Properties of Local Field Potentials and Electroencephalograms as Indices for Changes in Neural Circuit Parameters -- Identifying individuals using EEG-based Brain Connectivity Patterns -- A Novel Hybrid Model for Brain Functional Connectivity based on EEG -- Histogram Classification for Semantic Recognition of Emotional Context -- An Artificial Intelligence based Approach Towards Inclusive Healthcare Provisioning in Society 5.0: A Perspective on Brain Disorder -- Emotion recognition model based on the word structural representation -- Towards Learning a Joint Representation from Transformer in Multimodal Emotion Recognition -- Virtual Reality for Enhancement of Emotional Mindset -- Study on the Influencing Factors of Short Video Users' Subjective Well-Being -- Brain Big Data Analytics, Curation and Management System Level Knowledge Analysis and Vocabulary Extraction for Neuroscience -- Analysing, Representing and Classifying Neuroscience Questions Using Ontologies -- Gray Movie Identification from Electroencephalography response using Convolutional Neural Network -- Searching for unique neural descriptors of primary colours in EEG signals: a classification study -- Comparison between Active and Passive Attention Using EEG Waves and Deep Neural Network -- An Image-enhance Topic Modeling Method for Neuroimaging Literature -- Frequency Bands Selection for Seizure Classification and Forecasting using NLP, Random Forest and SVM Models -- Using tools for the analysis of the mental activity of programmers -- Informatics Paradigms for Brain and Mental Health Research Explainable Boosting Machine for predicting Alzheimer's disease from MRI Hippocampal Subfields -- A Matlab-based Open-Source Toolbox for Artefact Removal from Extracellular Neuronal Signals -- Organization D3mciAD: Data-Driven Diagnosis of Mild Cognitive Impairment Utilizing Syntactic Images Generation and Neural Nets -- Mental Healthcare Chatbot using Sequence-to-Sequence Learning and BiLSTM -- A Belief Rule Base Approach to Support Comparison of Digital Speech Signal Features for Parkinson's Disease Diagnosis -- Towards Autism Subtype Detection through Identification of Discriminatory Factors using Machine Learning Indoor Navigation Support System for Patients with Neurodegenerative Diseases. .

This book constitutes the refereed proceedings of the 14th International Conference on Brain Informatics, BI 2021, held in September 2021. The conference was held virtually due to the COVID-19 pandemic. The 49 full and 2 short papers together with 18 abstract papers were carefully reviewed and selected from 90 submissions. The papers are organized in the following topical sections: cognitive and computational foundations of brain science; investigations of human

information processing systems; brain big data analytics, curation and management; informatics paradigms for brain and mental health research; and brain-machine intelligence and brain-inspired computing.

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