1.	Record Nr.	UNISA996466318403316
	Titolo	Machine Learning and Interpretation in Neuroimaging [[electronic resource]] : International Workshop, MLINI 2011, Held at NIPS 2011, Sierra Nevada, Spain, December 16-17, 2011, Revised Selected and Invited Contributions / / edited by Georg Langs, Irina Rish, Moritz Grosse-Wentrup, Brian Murphy
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
	ISBN	3-642-34713-4
	Edizione	[1st ed. 2012.]
	Descrizione fisica	1 online resource (XIV, 266 p. 83 illus.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 7263
	Disciplina	006.3/1
	Soggetti	Optical data processing Pattern recognition Data mining Mathematical statistics Application software Computer Imaging, Vision, Pattern Recognition and Graphics Pattern Recognition Data Mining and Knowledge Discovery Probability and Statistics in Computer Science Image Processing and Computer Vision Computer Applications
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references and author index.
	Nota di contenuto	A Comparative Study of Algorithms for Intra- and Inter-subjects fMRI Decoding -- Beyond Brain Reading: Randomized Sparsity and Clustering to Simultaneously Predict and Identify -- Searchlight Based Feature Extraction -- Looking Outside the Searchlight -- Population Codes Representing Musical Timbre for High-Level fMRI Categorization of Music Genres -- Induction in Neuroscience with Classification: Issues and Solutions -- A New Feature Selection Method Based on Stability Theory – Exploring Parameters Space to Evaluate Classification Accuracy in Neuroimaging Data -- Identification of OCD-Relevant Brain Areas

through Multivariate Feature Selection -- Deformation-Invariant Sparse Coding for Modeling Spatial Variability of Functional Patterns in the Brain -- Decoding Complex Cognitive States Online by Manifold Regularization in Real-Time fMRI -- Modality Neutral Techniques for Brain Image Understanding -- How Does the Brain Represent Visual Scenes? A Neuromagnetic Scene Categorization Study -- Finding Consistencies in MEG Responses to Repeated Natural Speech -- Categorized EEG Neurofeedback Performance Unveils Simultaneous fMRI Deep Brain Activation -- Predicting Clinically Definite Multiple Sclerosis from Onset Using SVM -- MKL-Based Sample Enrichment and Customized Outcomes Enable Smaller AD Clinical Trials -- Pairwise Analysis for Longitudinal fMRI Studies -- Non-separable Spatiotemporal Brain Hemodynamics Contain Neural Information -- The Dynamic Beamformer -- Covert Attention as a Paradigm for Subject-Independent Brain-Computer Interfacing -- The Neural Dynamics of Visual Processing in Monkey Extrastriate Cortex: A Comparison between Univariate and Multivariate Techniques -- Statistical Learning for Resting-State fMRI: Successes and Challenges -- Relating Brain Functional Connectivity to Anatomical Connections: Model Selection -- Information-Theoretic Connectivity-Based Cortex Parcellation -- Inferring Brain Networks through Graphical Models with Hidden Variables -- Pitfalls in EEG-Based Brain Effective Connectivity Analysis -- Data-Driven Modeling of BOLD Drug Response Curves Using Gaussian Process Learning -- Variational Bayesian Learning of Sparse Representations and Its Application in Functional Neuroimaging -- Identification of Functional Clusters in the Striatum Using Infinite Relational Modeling -- A Latent Feature Analysis of the Neural Representation of Conceptual Knowledge -- Real-Time Functional MRI Classification of Brain States Using Markov-SVM Hybrid Models: Peering Inside the rt-fMRI Black Box -- Restoring the Generalizability of SVM Based Decoding in High Dimensional Neuroimage Data.

| Sommario/riassunto | Brain imaging brings together the technology, methodology, research questions and approaches of a wide range of scientific fields including physics, statistics, computer science, neuroscience, biology, and engineering. Thus, methodological and technological advances that enable us to obtain measurements, examine relationships across observations, and link these data to neuroscientific hypotheses happen in a highly interdisciplinary environment. The dynamic field of machine learning with its modern approach to data mining provides many relevant approaches for neuroscience and enables the exploration of open questions. This state-of-the-art survey offers a collection of papers from the Workshop on Machine Learning and Interpretation in Neuroimaging, MLINI 2011, held at the 25th Annual Conference on Neural Information Processing, NIPS 2011, in the Sierra Nevada, Spain, in December 2011. Additionally, invited speakers agreed to contribute reviews on various aspects of the field, adding breadth and perspective to the volume. The 32 revised papers were carefully selected from 48 submissions. At the interface between machine learning and neuroimaging the papers aim at shedding some light on the state of the art in this interdisciplinary field. They are organized in topical sections on coding and decoding, neuroscience, dynamcis, connectivity, and probabilistic models and machine learning. |

2.	Record Nr.	UNINA9910624386203321
	Titolo	Data Analytics Applications in Emerging Markets / / edited by José Antonio Núñez Mora, M. Beatriz Mota Aragón
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
	ISBN	981-19-4695-7
	Edizione	[1st ed. 2022.]
	Descrizione fisica	1 online resource (209 pages)
	Collana	Mathematics and Statistics Series
	Disciplina	005.7
	Soggetti	International economic integration
		Globalization
		Quantitative research
		Financial engineering
		Emerging Markets and Globalization
		Data Analysis and Big Data
		Financial Technology and Innovation
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Introduction -- Chapter 1. Financial Technologies in the Emerging Markets -- Chapter 2. Financial System: Challenges and Opportunities of digital Transformation in Mexico -- Chapter 3. Machine Learning Models, Risk Management Current Regulation and Perspectives -- Chapter 4. Financial Emerging Markets Revisited -- Chapter 5. Disruptive Monetary Phenomenon, Challenges and Complexities (Cryptocurrencies) -- Chapter 6. Pension Funds in Emerging Markets: A projection of Mexican Pension Assets -- Chapter 7. Relationship between Economic Growth and Oil Production in Emerging Countries for the period 2020-2050 -- Chapter 8. Hedging and Optimization of Energy Asset Portfolios -- Chapter 9. Artificial Intelligence and its Application in the Study of the Legal Complexity of the Value Added Tax Act in Mexico.
	Sommario/riassunto	This book analyzes the impact of technology in emerging markets by considering conditions and the history of how it has changed the way of working and market development in such contexts. The book delves into key areas such as fintech enterprises, artificial intelligence,

pension funds, stock markets, and energy markets though applied studies and research. This book is a useful read for practitioners and scholars interested in how technology has and continues to change the way in which development is defined and achieved, particularly in emerging markets. .