

1. Record Nr.	UNINA9910961168003321
Titolo	Brain signal analysis : advances in neuroelectric and neuromagnetic methods // edited by Todd C. Handy
Pubbl/distr/stampa	Cambridge, MA, : The MIT Press, c2009
ISBN	9786612694523 9781282694521 1282694529 9780262258876 0262258870
Edizione	[1st ed.]
Descrizione fisica	1 online resource (271 p.)
Altri autori (Persone)	HandyTodd C
Disciplina	616.8/047547
Soggetti	Electroencephalography Magnetoencephalography Cognitive neuroscience - Methodology
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 index.
Nota di contenuto	Intro -- Contents -- Contributors -- Preface -- 1 Reverse Correlation and the VESPA Method -- 2 Principles of Topographic Analyses for Electrical Neuroimaging -- 3 Noninvasive Estimation of Local Field Potentials: Methods and Applications -- 4 A Practical Guide to Beamformer Source Reconstruction for EEG -- 5 A Practical Guide for MEG and Beamforming -- 6 Dynamic Causal Modeling for Evoked Responses -- 7 Synchronization Analysis in EEG and MEG -- 8 Procedures and Strategies for Optimizing the Signal-to-Noise Ratio in Event-Related Potential Data -- 9 Statistical Strategies for Translational ERP Studies -- Index.
Sommario/riassunto	This title explores recent developments in the tools and techniques of data acquisition and analysis in cognitive electrophysiology.