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Nota di contenuto	1. Practical Recommendations for Conducting an EEG Study in a Neurophysiological Laboratory -- 2. Neuroimaging for Epilepsy Diagnosis and Management -- 3. Perspective Chapter: Functional Human Brain Connectome in Deep Brain Stimulation (DBS) for Parkinson's Disease (PD) -- 4. Stereotactic Electroencephalography (SEEG) -- 5. Recent Advances in Epilepsy Surgery -- 6. Transcranial Magnetic Stimulation, Connectome and Its Clinical Applications -- 7. Brain-Computer Interface: Use of Electroencephalogram in Neuro-Rehabilitation.
Sommario/riassunto	This book examines developments in neuroscience with an emphasis on electroencephalography (EEG) and the brain connectome. The chapters address such topics as the practical use of EEG in the lab, EEG with a correlation of neuroimaging, medical application of EEG, connectome concepts in surgical intervention including newly evolving stereotactic electroencephalography, and the use of EEG in the brain-computer interfaces for neurorehabilitation.