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Nota di contenuto	EEG generation and measurement -- Signal processing in EEG analysis -- Classifying the EEG -- Seizure detection -- Modeling for epilepsy -- On the predictability of seizures.
Sommario/riassunto	Analysis of medical data using engineering tools is a rapidly growing area, both in research and in industry, yet few texts exist that address the problem from an interdisciplinary perspective. Epileptic Seizures and the EEG: Measurement, Models, Detection and Prediction brings together biology and engineering practices and identifies the aspects of the field that are most important to the analysis of epilepsy. Analysis of EEG recordsThe book begins by summarizing the physiology and the fundamental ideas behind the measurement, analysi