

1. Record Nr.	UNINA9910784798803321
Titolo	Advanced methods and tools for ECG data analysis // Gari D. Clifford, Francisco Azuaje, Patrick E. McSharry (editors)
Pubbl/distr/stampa	Boston : , : Artech House, , ©2006 [Piscataway, New Jersey] : , : IEEE Xplore, , [2006]
ISBN	1-58053-967-X
Descrizione fisica	1 online resource (399 p.)
Collana	Artech House engineering in medicine & biology series
Altri autori (Persone)	CliffordGari D AzuajeFrancisco McSharryPatrick
Disciplina	616.1207547
Soggetti	Electrocardiography - Data processing Heart - Diseases - Diagnosis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Physiological Basis of the Electrocardiogram / Andrew T. Reisner, Gari D. Clifford, and Roger G. Mark -- ECG Acquisition, Storage, Transmission, and Representation / Gari D. Clifford and Matt B. Oefinger -- ECG Statistics, Noise, Artifacts, and Missing Data / Gari D. Clifford -- Models for ECG and RR Interval Processes / Patrick E. McSharry and Gari D. Clifford -- Linear Filtering Methods / Gari D. Clifford --
Sommario/riassunto	Here's a cutting-edge, practical book that offers you a thorough understanding of state-of-the-art techniques for electrocardiogram (ECG) data analysis. Placing emphasis on the selection, modeling, classification, and interpretation of data based on advanced signal processing and artificial intelligence techniques, the book helps you design, implement, and evaluate software systems used for the analysis of ECG and related data.