

1. Record Nr.	UNINA9910139960403321
Titolo	Heart failure [[electronic resource] ] : device management // edited by Arthur M. Feldman
Pubbl/distr/stampa	Chichester, West Sussex, UK ; ; Hoboken, NJ, : Wiley-Blackwell, 2010
ISBN	1-282-38506-2 9786612385063 1-4443-1442-4 1-4443-1443-2
Descrizione fisica	1 online resource (197 p.)
Altri autori (Persone)	FeldmanArthur M <1949-> (Arthur Michael)
Disciplina	616.1290645 617.4120028
Soggetti	Heart failure - Treatment Heart, Artificial Electronic books.
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.
Nota di contenuto	Heart Failure; Contents; Contributors; Preface; 1 Cardiac Resynchronization Therapy; 2 Implantable Cardioverter-Defibrillator Therapy; 3 Chronic Implantable Monitoring; 4 Cardiac Contractility Modulation by Electrical Signals Applied during the Absolute Refractory Period as a Treatment for Chronic Heart Failure; 5 The Role of Cardiac Restraint Devices in the Treatment of Patients with Dilated; 6 The Role of Right Heart Catheterization in the Management of Patients with Heart; 7 Impedance Cardiography 8 The Use of Echocardiography in Evaluating the Heart Failure Patient and Response to Therapy9 Revascularization for Left Ventricular Dysfunction; 10 Minimally Invasive Treatment of Mitral Valve Disease; 11 Percutaneous Mechanical Assist Devices; 12 Left Ventricular Assist Devices for Acute and Chronic Heart Failure; 13 The Role of Enhanced External Counterpulsation in Heart Failure Management; 14 Ultrafiltration in the Management of Heart Failure; Conclusion: Finding the Right Device or the Right Patient; Index; Conflict of Interest Table
Sommario/riassunto	When you're considering device therapy for a patient with heart failure,

be sure to consult this concise reference for the latest information on who benefits most from which device. In clear, straightforward prose, Dr. Feldman addresses: Resynchronization Therapy, ICD, Ultrafiltration, Impulse Therapy, Chronic Implantable Monitoring, Bioimpedance, EECF, and more. With chapters devoted to monitoring the patient on device therapy and the future of device therapy in heart failure, this book makes an important contribution to patient care.

2. Record Nr.	UNINA9910299715103321
Autore	Birolini Alessandro <1940->
Titolo	Reliability engineering : theory and practice / / Alessandro Birolini
Pubbl/distr/stampa	Berlin ; ; Heidelberg, : Springer-Verlag, 2014
ISBN	3-642-39535-X
Edizione	[7th ed.]
Descrizione fisica	1 online resource (xv, 626 pages) : illustrations
Collana	Gale eBooks
Disciplina	338.926 338926 620 620.00452
Soggetti	Reliability (Engineering) Systems engineering
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	Basic Concepts, Quality & Reliability (RAMS) Assurance of Complex Equip. & Systems -- Reliability Analysis During the Design Phase -- Qualification Tests for Components and Assemblies -- Maintainability Analysis -- Design Guidelines for Reliability, Maintainability, and Software Quality -- Reliability and Availability of Repairable Systems -- Statistical Quality Control and Reliability Tests -- Quality & Reliability (RAMS) Assurance During Production Phase.
Sommario/riassunto	This book shows how to build in, evaluate, and demonstrate reliability and availability of components, equipment, systems. It presents the state-of-the-art of reliability engineering, both in theory and practice, and is based on the author's more than 30 years experience in this

field, half in industry and half as Professor of Reliability Engineering at the ETH, Zurich. The structure of the book allows rapid access to practical results. This final edition extend and replace all previous editions. New are, in particular, a strategy to mitigate incomplete coverage, a comprehensive introduction to human reliability with design guidelines and new models, and a refinement of reliability allocation, design guidelines for maintainability, and concepts related to regenerative stochastic processes. The set of problems for homework has been extended. Methods & tools are given in a way that they can be tailored to cover different reliability requirement levels and be used for safety analysis. Because of the Appendices A6 - A8, the book is also self contained from a mathematical point of view, and can be used as a text book or as a desktop reference, with a large number of tables (60), figures (190), and examples (210 of which 70 as problems for homework) to support the practical aspects.

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