

1. Record Nr.	UNISA990006077180203316
Autore	NATALI, Antonio
Titolo	Costruire sistemi software : dai modelli al codice / Antonio Natali, Ambra Molesini
Pubbl/distr/stampa	Bologna : Progetto Leonardo, 2009
ISBN	978-88-7488-334-9
Edizione	[2. ed.]
Descrizione fisica	263 p. ; 24 cm
Altri autori (Persone)	MOLESINI, Ambra
Disciplina	005.1
Soggetti	Elaboratori - Programmazione
Collocazione	005.1 NAT 1
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Altra edizione di: La costruzione dei sistemi software: dai modelli al codice: una introduzione

2. Record Nr.	UNINA9910788881503321
Autore	Parks Harold R. <1949->
Titolo	Explicit determination of area minimizing hypersurfaces, II / / Harold R. Parks
Pubbl/distr/stampa	Providence, Rhode Island, United States : , : American Mathematical Society, , 1986 ©1986
ISBN	1-4704-0758-2
Descrizione fisica	1 online resource (98 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 60, Number 342
Disciplina	515.4/2
Soggetti	Geometric measure theory Hypersurfaces
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"March 1986, Volume 60, Number 342 (first of two numbers)"--Cover.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""TABLE OF CONTENTS""; ""1. INTRODUCTION""; ""2. NOTATION""; ""3. THE METHOD""; ""4. INTERIOR TOPOLOGY""; ""5. ADAPTATION OF SCHOEN AND SIMON'S RESULTS""; ""6. BEHAVIOR NEAR A CORNER""; ""7. RESULTS WHEN THE BOUNDARY IS AN EXTREME POLYGON""; ""REFERENCES""

3. Record Nr.	UNINA9910616388403321
Titolo	Advances in the Diagnosis and Treatment of Sleep Apnea : Filling the Gap Between Physicians and Engineers // edited by Thomas Penzel, Roberto Hornero
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-06413-5
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (386 pages)
Collana	Advances in Experimental Medicine and Biology, , 2214-8019 ; ; 1384
Disciplina	170 616.209
Soggetti	Biotechnology Neurology Biomedical engineering Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section A Physiology -- An Overview On Sleep Medicine -- Covering The Gap Between Sleep And Cognition -- Mechanisms and Clinical Examples -- Obstructive sleep apnoea: Focus on Pathophysiology -- Diagnosis of obstructive sleep apnea in patients with associated comorbidity -- Pediatric Obstructive Sleep Apnea: What's in a Name? -- Treatment of Cheyne-Stokes respiration in heart failure with adaptive servo-ventilation: An integrative model -- Section B Diagnostic innovations -- Automated scoring of sleep and associated events -- Conventional machine-learning methods applied to the automatic diagnosis of sleep apnea -- Home Sleep Testing of Sleep Apnea -- ECG and heart rate variability in sleep-related breathing disorders -- Cardiopulmonary Coupling -- Pulse oximetry: the working principle, signal formation, and applications -- Oximetry indices in the management of sleep apnea: from overnight minimum saturation to the novel hypoxemia measures -- Airflow Analysis In The Context OF Sleep Apnea -- Deep-learning Model Based on Convolutional Neural Networks to Classify Apnea-hypopnea Events From The Oximetry Signal -- Tracheal sound analysis -- Obstructive Sleep Apnea with COVID-19

-- Section C Therapeutic innovations -- APAP, BPAP, CPAP and new modes of positive airway pressure therapy -- Adherence monitoring using telemonitoring techniques -- Innovations in The Treatment of Pediatric Obstructive Sleep Apnea -- Hypoglossal Nerve Stimulation Therapy -- Anna M. Mohammadieh -- Index.

Sommario/riassunto

The book focuses on biomedical innovations related to the diagnosis and treatment of sleep apnea. The latest diagnostic tools are described, including sleep laboratory equipment, wearables, and even smartphone apps. Innovative medical devices for treatment are also covered, such as CPAP, Auto-PAP, hypoglossal nerve stimulation, phrenic nerve stimulation, acoustic brain stimulation and electrical brain stimulation. This is an ideal book for biomedical engineers, pneumologists, neurologists, cardiologists, physiologists, ENT physicians, pediatrics, and epidemiologists who are interested in learning about the latest technologies in treating and diagnosing sleep apnea. Chapter 12 is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.
