

1. Record Nr.	UNINA9910453194103321
Autore	Hudnut William H. <1932->
Titolo	Cities on the rebound [[electronic resource]] : a vision for urban America / / William H. Hudnut III
Pubbl/distr/stampa	Washington, D.C., : ULI--The Urban Land Institute, c1998
ISBN	0-87420-247-7
Descrizione fisica	1 online resource (183 p.)
Disciplina	711.740973
Soggetti	City planning - United States Urban renewal - United States Cities and towns - United States Municipal government - United States 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 (p. 159-169) and index.
Nota di contenuto	Cover; Dedication; Copyright; CONTENTS; FOREWORD; INTRODUCTION; CHAPTER ONE: Creating Positive Change; CHAPTER TWO: Surfing the Third Wave; CHAPTER THREE: Partnering for the Common Good; CHAPTER FOUR: Finding New Neighbors; CHAPTER FIVE: Minding the Store; CHAPTER SIX: Creating ""Places Worthy of Our Affection""; EPILOGUE; NOTES; INDEX OF SELECTED NAMES AND PLACES
Sommario/riassunto	<DIV>Author Bill Hudnut draws on his past experience as mayor of Indianapolis to describe his vision for dealing with diversity, encouraging sustainable development, finding alternatives to sprawl, managing technological change, regional collaboration, improving government efficiency, and more.</DIV>

2. Record Nr.	UNINA9910483118203321
Autore	Patel Ravi
Titolo	Adaptive and Intelligent Control of Microbial Fuel Cells // by Ravi Patel, Dipankar Deb, Rajeeb Dey, Valentina E. Balas
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-18068-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (135 pages)
Collana	Intelligent Systems Reference Library, , 1868-4408 ; ; 161
Disciplina	621.312429
Soggetti	Computational intelligence Renewable energy sources Electrochemistry Control engineering Artificial intelligence Computational Intelligence Renewable Energy Control and Systems Theory Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Mathematical Modelling -- Model Analysis of Single Population Single Chamber MFC -- Robust Control design of SPSC Microbial Fuel Cell with norm bounded uncertainty -- Introduction to Adaptive Control. .
Sommario/riassunto	This book addresses a range of solutions and effective control techniques for Microbial Fuel Cells (MFCs), intended as a response to the increased energy consumption and wastewater production stemming from globalization. It describes the fundamentals of MFCs and control-oriented mathematical models, and provides detailed information on uncertain parameters. Various control techniques like robust control with LMI, adaptive backstepping control, and exact linearization control are developed for different mathematical models. In turn, the book elaborates on the basics of adaptive control, presenting several methods in detail. It also demonstrates how MFCs

can be developed at the laboratory level, equipping readers to develop their own MFCs for experimental purposes. In closing, it develops a transfer function model for MFCs by combining a system identification technique and model reference adaptive control techniques. By addressing one of the most promising sources of clean and renewable energy, this book provides a viable solution for meeting the world's increasing energy demands.
