1. Record Nr. UNISA996247970603316

Autore	Anderson Virginia DeJohn
Titolo	New England's generation : the great migration and the formation of society and culture in the seventeenth century / / Virginia DeJohn Anderson [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 1991
ISBN	0-511-09802-2 0-511-81192-6
Descrizione fisica	1 online resource (x, 232 pages) : digital, PDF file(s)
Disciplina	974.02
Soggetti	Immigrants - New England - History - 17th century Puritans - New England - History - 17th century New England Civilization 17th century England Emigration and immigration History 17th century New England Emigration and immigration History 17th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Through analyses of the process of migration and settlement and of the symbolic meaning that participants attached to their experiences, this book tells the story of New England's origins as one of dynamism and change. Focusing on the lives of nearly seven-hundred emigrants, the narrative examines such topics as the settlers' motives for leaving England, their experience of the voyage, their patterns of settlement in the New World, and their search for economic security in a new land. The descendants of the founders erected the story of their 'great' migration into early British America's only effective foundation myth - a record of achievement that succeeding generations could never match. Rich in detail and insight, this exploration of New England's founding examines both the lives of ordinary people and the transcendent meanings that those lives ultimately acquired.

2.

Record Nr.	UNINA9910418327303321
Autore	Mazzilli Francesco
Titolo	Ultrasound Energy and Data Transfer for Medical Implants / / by Francesco Mazzilli, Catherine Dehollain
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-49004-1
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXVII, 155 p. 152 illus., 60 illus. in color.)
Collana	Analog Circuits and Signal Processing, , 1872-082X
Disciplina	617.956
Soggetti	Electronic circuits Biomedical engineering Computer engineering Internet of things Embedded computer systems Circuits and Systems Biomedical Engineering and Bioengineering Cyber-physical systems, IoT
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction -- Ultrasound in Medicine -- Regulations and System Specifications -- System Architecture: Control Unit -- System Architecture: Transponder -- Wireless Power Transfer (WPT) and Communication -- Conclusion.
Sommario/riassunto	This book presents new systems and circuits for implantable biomedical applications, using a non-conventional way to transmit energy and data via ultrasound. The authors discuses the main constrains (e.g. implant size, battery recharge time, data rate, accuracy of the acoustic models) from the definition of the ultrasound system specification to the in-vitro validation.The system described meets the safety requirements for ultrasound exposure limits in diagnostic ultrasound applications, according to FDA regulations. Readers will see how the novel design of power management architecture will meet the constraints set by FDA regulations for maximum energy exposure in the human body. Coverage also includes the choice of the acoustic

transducer, driven by optimum positioning and size of the implanted medical device. Throughout the book, links between physics, electronics and medical aspects are covered to give a complete view of the ultrasound system described. Provides a complete, system-level perspective on the use of ultrasound as energy source for medical implants; Discusses system design concerns regarding wireless power transmission and wireless data communication, particularly for a system in which both are performed on the same channel/frequency; Describes an experimental study on implantable battery powered biomedical systems; Presents a fully-integrated, implantable system and hermetically sealed packaging.