1. Record Nr. UNISA996384536103316

Autore	Ronquillo Pedro <b. 1635.>
Titolo	The last memorial of the Spanish ambassador [[electronic resource]] : faithfully translated into English
Pubbl/distr/stampa	London, : Printed for Francis Smith at the Elephant and Castle near the Royal Exchange in Cornhil., 1681
Descrizione fisica	1 sheet ([2] p.)
Soggetti	Treaties of Nijmegen Dutch War, 1672-1678
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Caption title. Printed in double columns. Imprint from colophon. Reproduction of original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr. UNINA9910349513403321

Autore	Kaniusas Eugenijus
Titolo	Biomedical Signals and Sensors III : Linking Electric Biosignals and Biomedical Sensors / / by Eugenijus Kaniusas
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-74917-X
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (624 pages)
Collana	Biological and Medical Physics, Biomedical Engineering, , 1618-7210
Disciplina	610.28
Soggetti	Biophysics Biological physics Biomedical engineering Physical measurements Measurement Optics Electrodynamics Signal processing Image processing Speech processing systems Biological and Medical Physics, Biophysics Biomedical Engineering and Bioengineering Measurement Science and Instrumentation Classical Electrodynamics Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Preface -- Sensing by Electric Biosignals -- Formation Aspects -- Permanent Biosignals -- Induced Biosignals -- Transmission of Electric Signals -- Sensing and Coupling of Electric Signals -- Electrodes -- Biosignal and Interference Coupling -- Body Area Networks.
Sommario/riassunto	As the third volume in the author’s series on “Biomedical Signals and Sensors,” this book explains in a highly instructive way how electric, magnetic and electromagnetic fields propagate and interact with

biological tissues. The series provides a bridge between physiological mechanisms and theranostic human engineering. The first volume focuses on the interface between physiological mechanisms and the resultant biosignals that are commonplace in clinical practice. The physiologic mechanisms determining biosignals are described from the cellular level up to the mutual coordination at the organ level. In turn, the second volume considers the genesis of acoustic and optic biosignals and the associated sensing technology from a strategic point of view. This third volume addresses the interface between electric biosignals and biomedical sensors. Electric biosignals are considered, starting with the biosignal formation path to biosignal propagation in the body and finally to the biosignal sensing path and the recording of the signal. The series also emphasizes the common features of acoustic, optic and electric biosignals, which are ostensibly entirely different in terms of their physical nature. Readers will learn how these electric, magnetic and electromagnetic fields propagate and interact with biological tissues, are influenced by inhomogeneity effects, cause neuromuscular stimulation and thermal effects, and finally pass the electrode/tissue boundary to be recorded. As such, the book helps them manage the challenges posed by the highly interdisciplinary nature of biosignals and biomedical sensors by presenting the basics of electrical engineering, physics, biology and physiology that are needed to understand the relevant phenomena. .