

1. Record Nr.	UNINA9910671865203321
Autore	Ragone Sabrina
Titolo	Parlamentarismos y crisis economica : afectacion de los encajes constitucionales en Italia y Espana // Sabrina Ragone
Pubbl/distr/stampa	Barcelona : , : J.M. Bosch Editor, , 2020
ISBN	84-121579-7-4
Descrizione fisica	1 recurso en linea (222 paginas)
Disciplina	321.8043
Soggetti	Cabinet system Parlamentarismo Libros electronicos. Spain Politics and government Italy Politics and government Espana Politica y gobierno Italia Politica y gobierno
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910743687303321
Autore	Brosseau Christian <1959->
Titolo	Physical Principles of Electro-Mechano-Biology : Multiphysics and Supramolecular Approaches / / by Christian Brosseau
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-37981-0
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (304 pages)
Collana	Studies in Mechanobiology, Tissue Engineering and Biomaterials, , 1868-2014 ; ; 25
Disciplina	612.01427
Soggetti	Biophysics Cell interaction Mathematical physics Computer simulation Mechanobiological Cell Signaling Computational Physics and Simulations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1. Background -- Chapter 1. Elementary concepts and definitions -- Chapter 2. A Brief Sketch of the History of EMB: Where Good Ideas Come From -- Part 2. Calculation Methods -- Chapter 3. Supramolecular Analytical Approaches of EMB -- Chapter 4. Computational approaches of EMB -- Generic Final Remarks -- Challenges Ahead.
Sommario/riassunto	This book covers the recently developed understanding of Electro-Mechano-Biology (EMB) in which the focus is primarily on the couplings between the electric and mechanical fields. The emphasis lies on the analytical and computational aspects of EMB at the cellular level. The book is divided into two parts. In the first part, the author starts by defining and discussing the relevant basic aspects of the electrical and mechanical properties of cell membranes. He provides an overview of some of the ways analytical modelling of cell membrane electrodeformation (ED) and electroporation (EP) appears in a variety of contexts as well as a contemporary account of recent developments in computational approaches that can feature in the theory initiative,

particularly in its attempt to describe the cohort of activities currently underway. Intended to serve as an introductory text and aiming to facilitate the understanding of the field to non-experts, this part does not dwell on the set of topics, such as cellular mechanosensing and mechanotransduction, irreversible EP, and atomistic molecular dynamics modelling of membrane EP. The second (and larger) part of the book is devoted to a presentation of the necessary analytical and computational tools to illustrate the ideas behind EMB and illuminate physical insights. Brief notes on the history of EMB and its many applications describing the variety of ideas and approaches are also included. In this part, the background of the first principles and practical calculation methods are discussed to highlight aspects that cannot be found in a single volume.
