

1. Record Nr.	UNINA9910806263503321
Autore	Montgomery Erwin B., Jr.
Titolo	Deep brain stimulation programming : mechanisms, principles, and practice // Erwin B. Montgomery Jr
Pubbl/distr/stampa	New York, New York : , : Oxford University Press, , 2017 ©2017
ISBN	0-19-025962-0 0-19-063031-0 0-19-025961-2
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (249 p.)
Disciplina	156.23224
Soggetti	Brain stimulation Brain stimulation - Therapeutic use
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 and index.
Nota di contenuto	11. Approach to DBS in the Vicinity of the Subthalamic Nucleus
Sommario/riassunto	The second edition of Deep Brain Stimulation Programming is fully revised and up-to-date with the latest technologies and focuses on post-operative programing, which no other text does. This book provides programmers with a foundation of the brain as an electrical device, focusing on the mechanisms by which neurons respond to electrical stimulation, how to control the stimulation and the regional anatomy, and the many variations that influence a patient's response to DBS. Dr. Montgomery explores new techniques of programming; including those based on stimulation frequency, closed-loop DBS, and