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Descrizione fisica	1 online resource (630 pages)
Altri autori (Persone)	CoxSteven J <1960-> (Steven James)
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Sommario/riassunto	This book presents a comprehensive introduction to mathematical and computational methods used in neuroscience to describe and model neural components of the brain from ion channels to single neurons, neural networks and their relation to behavior. The book contains more than 200 figures generated using Matlab code available to the student and scholar. Mathematical concepts are introduced hand in hand with neuroscience, emphasizing the connection between experimental results and theory.--