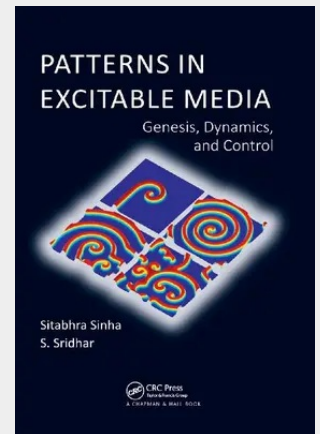


Patterns in Excitable Media

Genesis, Dynamics, and Control

Excitable media comprise a class of models for a wide range of physical, chemical, and biological systems that exhibit spontaneous formation of spatial patterns. Patterns in Excitable Media: Genesis, Dynamics, and Control covers recent developments in the interdisciplinary field of dynamics and control of patterns in nonlinear biological systems described by excitable media models. Using examples of many real-life systems, it explores the impact of pattern dynamics on the structural and functional heterogeneities in the system. The book also discusses low-amplitude control schemes for eliminating patterns from an excitable medium, such as life-threatening cardiac arrhythmia. Codes for numerical simulation are provided in the appendix.



93,90 €

93,90 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780367377984

Medium: Buch

ISBN: 978-0-367-37798-4

Verlag: CRC Press

Erscheinungstermin: 02.10.2019

Sprache(n): Englisch

Auflage: 1. Auflage 2019

Produktform: Kartoniert

Gewicht: 608 g

Seiten: 316

Format (B x H): 178 x 254 mm

