# Dynamics of nonlinear and disordered systems

World Scientific - Control of periodic dynamics of nonlinear and chaotic discrete dynamical systems

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Fiction

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Books and reading

**Bibliography** 

Language Arts & Disciplines / Library & Information Science

Library & Information Science

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Reference

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Novels, other prose & writers

Library & information services

Order-disorder models.

Dynamics.

Nonlinear theories. Dynamics of nonlinear and disordered systems

v. 6.

World Scientific series on nonlinear science.

World Scientific series on nonlinear science. Series B; Dynamics of nonlinear and disordered systems

Notes: Includes bibliographical references.

This edition was published in 1995



**DYNAMICS OF NONLINEAR** 

AND DISORDERED SYSTEMS

Filesize: 27.85 MB

Tags: #Collective #Dynamics #of #Nonlinear #and #Disordered #Systems: #Radons, #GÃ1/4nter, #Just, #Wolfram, #Häussler, #Peter: #9783540213833: #ne-x.uni.rf.gd: #Books

**Dynamics of Nonlinear and Disordered** Systems (World Scientific Nonlinear Science Series B): 9789810222802: Medicine & Health Science Books @ ne-x.uni.rf.gd

Thus, although the alternating duration of the cardiac action potential has a periodic dynamic, they are considered to be pathological rhythms related to the appearance of ventricular fibrillation.

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Therefore, predictive control must be corroborated by an estimate of the size of the restricted attraction basin of the unstable fixed point. The suppression of the stable periodic orbit by predictive control requires a rigorous estimation of the control distance. The advantage of this mathematical approach is that it can be rigorously applied and the results validated not only to discrete multi-dimensional nonlinear chaotic systems logistics map, Hénon map but also in the case of the prevention of some cardiac pathologies using the action potential duration map APD , a nonlinear chaotic discrete dynamical system.

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