

# Methods in equivariant bifurcations and dynamical systems

World Scientific - Equivariant dynamical systems

Description: -

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Proteins in human nutrition -- Congresses.

Infants (Newborn) -- Nutrition -- Congresses.

Christianity -- 20th century

Spiritual life -- Catholic Church -- Papal documents

Catholic Church -- Doctrines -- Papal documents

John Paul -- II, -- Pope, -- 1920-2005 -- Interviews

Computer-assisted instruction -- United States -- Statistics.

Education -- United States -- Data processing -- Statistics.

Mathematical physics.

Dynamics.

Differentiable dynamical systems.

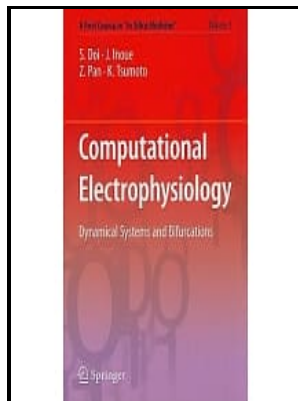
Bifurcation theory. Methods in equivariant bifurcations and dynamical systems

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Advanced series in nonlinear dynamics -- v. 12 Methods in equivariant bifurcations and dynamical systems

Notes: Includes bibliographical references and index.

This edition was published in 2000



Filesize: 12.52 MB

Tags: #Methods #in #Equivariant #Bifurcations #and #Dynamical #Systems #(Advanced #Series #in #Nonlinear #Dynamics): #Chossat, #Pascal, #Lauterbach, #Reiner: #9789810238285: #ne-x.uni.rf.gd: #Books

## Bifurcation Theory Reading Group

Springer-Verlag, New York, 1998 Equivariant Bifurcation Theory Chossat, Pascal; Lauterbach, Reiner Methods in equivariant bifurcations and dynamical systems. Stewart 2002 The Symmetry Perspective. In addition, the book is written in a friendly and accessible style that is most pleasant to read.

## MAGIC046: Introduction to Equivariant Bifurcation Theory

It undoubtedly will provide the frame for inspiring many other applications of this powerful topological tool to problems with symmetries. At the end of every chapter, exercises are offered to the reader. We will present a selection of topics in bifurcation with symmetry including the equivariant branching lemma, equivariant Hopf lemma and robust heteroclinic cycles for ordinary differential equations.

## Equivariant bifurcation theory

This is a beautiful book and a valuable contribution to the mathematical literature.

## Equivariant dynamical systems

He is also interested in degree-theoretical approach to detect periodic solutions in autonomous differential systems.

## Bifurcation Theory Reading Group

For example, when dealing with periodic solutions of autonomous ordinary differential equations through a functional analytic approach, like in the study of Hopf bifurcation, Leray-Schauder degree can only detect the equilibria, and remains blind to nontrivial orbits. The coordinate transformations extend the symmetry of the vector field evaluated on the periodic orbit to a of the periodic orbit. Iooss 1998 A simple global characterization for normal forms of singular vector fields.

## **Bifurcation Theory Reading Group**

Center manifold and Liapunov-Schmidt methods.

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## Related Books

- [Projeto Sertanejo.](#)
- [The happy minimalist - financial independence, good health, and a better planet for us all](#)
- [Arte joven en Chile - \(1986-1996\)](#)
- [Report on personnel accident that occurred on 13th April 1978 between Factory Junction and Battersea](#)
- [Model rules for a football community mutual](#)