

1. Record Nr.	UNINA9910812566103321
Titolo	Multiparameter bifurcation theory : proceedings of the AMS-IMS-SIAM joint Summer Research Conference, held July 14-20, 1985, with support from the National Science Foundation / / Martin Golubitsky and John M. Guckenheimer, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1986] ©1986
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Descrizione fisica	1 online resource (408 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; volume 56
Disciplina	515.3/52
Soggetti	Bifurcation theory
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.
Nota di contenuto	""Table of Contents""; ""Preface""; ""Invited Lectures""; ""Conference Participants""; ""Phase-turbulence in convection near threshold""; ""Normal forms or bifurcating periodic orbits""; ""Quasiperiodic patterns""; ""Nilpotent normal forms and representation theory or $Sl(2, \mathbb{R})$""; ""Steady state mode interactions in the presence of $O(2)$ symmetry and in nonlocal boundary value problems""; ""Equivariant dynamics""; ""1. Introduction and Acknowledgements""; ""2. Basic Techniques and Notations""; ""3. Local Theory of Equivariant Dynamical Systems"" ""(3.1) Discrete equivariant dynamical systems""""(3.2) Equivariant vector fields""; ""4. Some Examples of Equivariant Naimark-Sacker Bifurcations""; ""5. Global Theory of Equivariant Dynamical Systems""; ""(5.1) Stable manifold theory""; ""(5.2) Generic transversality theory""; ""6. Universal Unfoldings of Discrete Equivariant Dynamical Systems""; ""(6.1) Moduli of stability""; ""(6.2) Universal unfoldings of discrete dynamical systems""; ""(6.3) Universal unfoldings of discrete equivariant dynamical systems""; ""Some new methods in the classification theory of bifurcation problems"" ""Uniqueness of limit cycles in planar vector fields which leave the axes invariant""""Hopf bifurcation with dihedral group symmetry: Coupled

nonlinear oscillators""; ""A codimension two bifurcation with circular symmetry""; ""Local flows for functional differential equations""; ""On the degenerate hopf bifurcation with $O(2)$ symmetry""; ""Doubly diffusive waves""; ""An example of symmetry breaking with submaximal isotropy subgroup""; ""Codimensiona€?three bifurcation arising in Langmuir circulations""; ""Symmetric Hopf bifurcations and magnetoconvection""

""Columnar convection in doublea€?diffusive systems""""Codimension two bifurcation in a convection experiment""; ""The Hopf bifurcation on a hexagonal lattice""; ""Completely Integrable Hamiltonian systems on semia€?simple Lie algebras""; ""Bifurcation without mixed mode solutions""; ""Hopf bifurcation at nona€?semisimple eigenvalues""; ""Interaction of azimuthal modes in the Couettea€?Taylor problem""; ""Slowly varying bifurcation parameters""; ""Applications of singularity theory to explosion theory""; ""Externally modulated convection: Theory and experiment""

""Equivariant normal forms for the Taylora€?Couette problem""""

Development of spatial and temporal complexity in Langmuir circulation""; ""Steady-state multiplicity features of chemically reacting systems""; ""Bibliographical notes on generic bifurcations in Hamiltonian systems""; ""Multicritical points in flow between independently rotating cylinders""

2. Record Nr.	UNICAMPANIAVAN00257595
Titolo	Spline Functions : Proceedings of an International Symposium held at Karlsruhe, Germany, May 20-23, 1975 / Edited by K. Böhmer, G. Meinardus, and W. Schempp
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Lingua di pubblicazione	Inglese
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