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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 non-flux 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) 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 or 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""

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