

1. Record Nr.	UNINA9910811629703321
Autore	Ribon Javier <1974->
Titolo	Topological classification of families of diffeomorphisms without small divisors // Javier Ribon
Pubbl/distr/stampa	Providence, Rhode Island : , : American Psychological Association, , 2010 ©2010
ISBN	1-4704-0589-X
Descrizione fisica	1 online resource (166 p.)
Collana	Memoirs of the American Mathematical Society ; ; v.207
Disciplina	515.39
Soggetti	Topological dynamics Diffeomorphisms Differentiable dynamical systems
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 and index.
Nota di contenuto	<p>""Contents""; ""Preface""; ""Chapter 1. Outline of the Monograph""; ""Chapter 2. Flower Type Vector Fields""; ""2.1. Definition and basic properties""; ""2.2. Families of vector fields without small divisors""; ""Chapter 3. A Clockwork Orange""; ""3.1. Exterior dynamics""; ""3.2. The magnifying glass""; ""Chapter 4. The T-sets""; ""4.1. Unstable set and bi-tangent cords""; ""4.2. Dynamical instability""; ""4.3. Disassembling the graph""; ""Chapter 5. The Long Limits""; ""5.1. Setup and non-oscillation properties""; ""5.2. Definition of the Long Limits""; ""5.3. Structure of the Long Limits""; ""5.4. Evolution of the Long Limits""""Chapter 6. Topological Conjugation of (NSD) Vector Fields""; ""6.1. Orientation""; ""6.2. Comparing residues""; ""6.3. Topological invariants""; ""Chapter 7. Families of Diffeomorphisms without Small Divisors""; ""7.1. Normal form and residues""; ""7.2. Comparing a diffeomorphism and its normal form""; ""7.3. Long orbits""; ""Chapter 8. Topological Invariants of (NSD) Diffeomorphisms""; ""8.1. Topological invariants""; ""8.2. Theorem of topological conjugation""; ""Chapter 9. Tangential Conjugations""; ""9.1. Plan of the chapter""; ""9.2. Preparation of 1 and 2""""9.3. Shaping the domains""; ""9.4. Base transversals""; ""9.5. The M-interpolation process""; ""9.6. Regions and</p>

their limiting curves"; "9.7. Conjugating a diffeomorphism and its normal form"; "9.8. Comparing tg-conjugations"; "List of Notations"; "Bibliography"; "Index"

---