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Autore	Jager Tobias H.
Titolo	The creation of strange non-chaotic attractors in non-smooth saddle-node bifurcations / / Tobias H. Jager
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ISBN	1-4704-0559-8
Descrizione fisica	1 online resource (120 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 201, Number 945
Disciplina	515/.39
Soggetti	Attractors (Mathematics) Bifurcation theory Differentiable dynamical systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 201, Number 945 (fourth of 5 numbers)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""1.1. Overview""; ""1.2. Basic definitions and notations""; ""1.3. Examples of non-smooth saddle-node bifurcations""; ""1.4. The mechanism: Exponential evolution of peaks""; ""Chapter 2. Statement of the main results and applications""; ""2.1. A general setting for saddle-node bifurcations in qpf interval maps""; ""2.2. Sink-source-orbits and the existence of SNA""; ""2.3. Non-smooth bifurcations""; ""2.4. Application to the parameter families""; ""Chapter 3. Saddle-node bifurcations and sink-source-orbits"" ""3.1. Equivalence classes of invariant graphs and the essential closure""""3.2. Saddle-node bifurcations: Proof of Theorem 2.1""; ""3.3. Sink-source-orbits and SNA: Proof of Theorem 2.4""; ""Chapter 4. The strategy for the construction of the sink-source-orbits""; ""4.1. The first stage of the construction""; ""4.2. Dealing with the first close return""; ""4.3. Admissible and regular times""; ""4.4. Outline of the further strategy""; ""Chapter 5. Tools for the construction""; ""5.1. Comparing orbits""; ""5.2. Approximating sets""; ""5.3. Exceptional intervals and admissible times"" ""5.4. Regular times""""Chapter 6. Construction of the sink-source orbits: One-sided forcing""; ""6.1. Proof of the induction scheme"";

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Descrizione fisica	1 online resource (250 p.)
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Altri autori (Persone)	LinS. H VillaeysA. A FujimuraY
Disciplina	543/.0858
Soggetti	Molecular spectra Multiphoton processes Spectrum analysis Laser spectroscopy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Preface; CONTENTS; 1. Dynamics of the Vibrationally Excited Molecules and Clusters Studied by IR-UV and UV-IR Double Resonance Spectroscopy Takayuki Ebata; 2. Dynamics of a Liquid Droplet Excited by Infrared Multi-Photon Absorption Akira Terasaki; 3. Electron Spectroscopy of Molecules in Intense Laser Fields M. Okunishi, G. Prumper and K. Ueda; 4. Selective Bond Breaking in Dissociative Ionization of Ethanol Induced by Tailored Intense Laser Fields Ryuji Itakura, Kaoru Yamanouchi, and Fumihiko Kannari 5. Evolution of Transient Structures in Solids and Liquids by Means of Time Resolved X-ray Diffraction and X-ray Absorption Fine Structure Jie Chen and Peter M. Rentzepis6. Photonic Crystals: From Innovation to

Applications D. Gamra, W. Aroua, F. AbdelMalek and H. Bouchriha; 7. Quantum Computing and Entanglement Generation Using Intramolecular Degrees of Freedom K. Mishima and K. Yamashita

Sommario/riassunto

In view of the rapid growth in both experimental and theoretical studies of multi-photon processes and multi-photon spectroscopy of atoms, ions, and molecules in chemistry, physics, biology and materials science, it is timely to publish an advanced series that contains review papers readable not only by active researchers in these areas, but also by those who are non-experts but who wish to enter the field. This present volume attempts to serve this purpose. Each chapter is written in a self-contained manner by experts in their own area of expertise so that general readers can grasp the knowle

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Soggetti

Minority college students - Minnesota
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Education, Urban - Michigan
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Lingua di pubblicazione

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Nota di contenuto

Front Matter -- Copyright page -- Advance Praise for Critical Storytelling in Urban Education -- Dedication -- Notes on Contributors -- Introduction / Nicholas D. Hartlep and Brandon O. Hensley -- Poetry -- Sleepovers / Ian Aufdemberge -- Internet Death Sentence / Victor

Shaw -- Resume / Amal Shukr -- That Place that Feels Like Purgatory / Emma Fagan -- Zenith / Renée McKendrick -- Words / Heather Carr -- Whale Watching / Justine Naj -- Why I Teach in Urban Schools / Marvin Peterson -- Unsolicited Callers / Anonymous 1 -- Chasing Whiteness / Kia Yang -- A Letter to My Black Sons / Mark Spurlin -- Woman Side One / Cece Trella -- Final Checkmate / Zalika Aniapam -- Stories to Change the World -- Each One, Teach One / Talias Deberry -- Native / Aurora Moussorlieva -- My American Dream / Itzel Valdez Flores -- Can You Wake Up? / Nalee Vang -- No Strings Attached / Michael Harris -- Good Touch, Bad Touch / Anonymous 2 -- Ua Siab Ntev / Denise Vang -- Am I a Mother? / Jenny Kalvik -- A White Teacher's Experience with Politics of "Colorblindness" / Drayton Cousins -- Boy to Man / James A. Malone -- The Effects of Mass Media and Communication Methods on the Stigmatization of Individuals with Developmental and Physical Disabilities / Allyson Webb -- World of "Fake News" / DeJanay Booth.

Sommario/riassunto

Critical Storytelling in Urban Education shares poems and stories written by college students attending Metropolitan State University in Saint Paul, Minnesota, and Wayne State University in Detroit, Michigan. The poets and storytellers in this gripping volume address challenges they have faced: issues of sexual abuse, racial politics, cultural identity, stigmatization of marginalized communities, immigration, and other forms of struggle within and outside of urban educational settings. They are students in Education, Communication Studies, Business, and English, among other disciplines. Academic writing has been frequently reserved to professors and doctoral students. This collection is different in that the writing of undergraduate and master students is featured. In a world of unrest, strife, and division, critical stories are sacrosanct.
