

1. Record Nr.	UNINA9910809028203321
Titolo	Chaos and complexity : new research // Franco F. Orsucci and Nicoletta Sala, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-60876-676-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (482 p.)
Altri autori (Persone)	OrsucciFranco SalaNicoletta
Disciplina	003/.857
Soggetti	Chaotic behavior in systems Science
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>""Chaos and Complexity: New Research""; ""Contents""; ""Preface""; ""Complexity and Chaos Theory in Art""; ""References""; ""Pollock, Mondrian and Nature: Recent Scientific Investigations""; ""Abstract""; ""Introduction""; ""1. Pollock's Dripped Complexity""; ""2. Fractal Aesthetics""; ""3. Mondrian's Simplicity""; ""4. Discussion""; ""Acknowledgments""; ""References""; ""Visual Semantic Ambiguity in Art""; ""Abstract""; ""Non-Linear Models Perception of Ambiguous Patterns""; ""Visual Ambiguity in Art""; ""Semantic Ambiguity of Visual Scenes""</p> <p>""Semantic Ambiguity in Plot Development and in Comic Situations"""" Mixed Ambiguity""; ""Conclusion""; ""References""; ""Does the Complexity of Space Lie in the Cosmos or in Chaos?""; ""Crystal and Flame/Form and Process: The Morphology of the Amorphous""; ""Abstract""; ""Introduction""; ""Background""; ""Works-in-Process""; ""Conclusion""; ""References""; ""Bibliography""; ""Complexity in the Mesoamerican Artistic and Architectural Works""; ""Abstract""; ""Introduction""; ""Material and Methods""; ""Information Dimension""; ""Mass Dimension""; ""Results and Discussion""; ""Conclusions"" ""References""""New Paradigm Architecture""; ""Generation of Textures and Geometric Pseudo-Urban Models with the Aid of IFS""; ""Abstract""; ""1. Introduction""; ""2. From IFS to Urban Textures and Geometric Models""; ""3. From Generated Scenes to Real World""; ""4. Conclusions</p>

and Future Works"; "References"; "Psuedo-Urban Automatic Pattern Generation"; "Abstract "; "1. Introduction "; "2. Research Task Context "; "3. Applications "; "4. Conclusion "; "References "; "Tonal Structure of Music and Controlling Chaos in the Brain"; "Abstract"; "1. Introduction" "2. Control of Chaos in the Brain by Sinusoidal or Periodic Pulsed Force" "3. Model of Music Tonality"; "4. Stable States of Tonality and Resonance Action"; "References"; "Collecting Patterns That Work for Everything"; "Abstract"; "What Do We See and How Are We Telling This Story? "; "Machines "; "Presentation and Representation "; "Machine Aesthetics "; "Redundant and Similar Information "; "Conclusions "; "References "; "Stability Conditions in Contextual Emergence"; "Abstract"; "1.Introduction"; "2.Reduction and Emergence" "3.Contextual Topologies and Asymptotic Expansions" "4. Thermodynamic Equilibrium and Temperature"; "5.Stability Principles for Contextual Emergence"; "6.Summary"; "Acknowledgments"; "References"; "Contextual Emergence of Mental States from Neurodynamics"; "Abstract"; "1.Interlevel Relations"; "2.Structural Stability in Symbolic Dynamics"; "3.Contextual Emergence of Mental States from Neural States"; "4.Compatibility of Psychological Descriptions"; "5.Summary"; "Acknowledgments"; "References" "Phase Coupling Supports Associative Visual Processing: Physiology and Related Models"

---