

1. Record Nr.	UNINA9910797059403321
Autore	Purica Ionut
Titolo	Nonlinear dynamics of financial crises : how to predict discontinuous decisions // Ionut Purica
Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : Academic Press, , 2015 ©2015
ISBN	0-12-803276-6 0-12-803275-8
Descrizione fisica	1 online resource (125 p.)
Disciplina	338.10923478
Soggetti	Economics - Decision making - Mathematical models Financial crises Nonlinear theories
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 at the end of each chapters.
Nota di contenuto	<p>""Front Cover""; ""Nonlinear Dynamics of Financial Crises""; ""Copyright Page""; ""Dedication""; ""Contents""; ""Brief Description of the Book""; ""Acknowledgments""; ""1 Introduction""; ""References""; ""2 Evolution of Financial Crises""; ""2.1 Definitions and Common Patterns of the Crisis""; ""2.2 The Crisis Cycle Birda€?s-Eye Description""; ""2.3 Evolutionary Economics and Complex Systems Approaches to Describing Crisis Cycles""; ""2.3.1 General Equilibrium Economic Theory and Financial Crises""; ""2.3.2 Complexity Theory and Financial Crises""; ""2.3.3 Complex Adaptive Systems""</p> <p>""2.4 Evolutionary Economics""""References""; ""3 The Sociocultural Niche""; ""3.1 Creativity""; ""3.2 Evidences and Memes""; ""3.3 Creativity as a Memes Mutation""; ""3.4 Logistic Penetration of Memes""; ""3.4.1 Collateral Composition Trends in CDOs""; ""References""; ""4 Occupy the Financial Nichea€?Saturation and Crisis""; ""4.1 Introduction""; ""4.2 Social Reality and Collective Behavior""; ""4.3 Dynamics of Memes""; ""4.4 Description of the Model""; ""4.4.1 Experimental Grounds""; ""4.4.2 The Master Equation of the Process""</p> <p>""4.4.3 Identification of the System Variable and Control Parameters""""</p> <p>4.4.4 Change of Stationary Solution with Variations of the Control</p>

Parameters of the a Cusp Type Catastrophe"; "4.5 Criteria for Financial Development Strategies"; "4.5.1 Beyond Resilience? Decisions for Safety"; "4.5.2 Perception of Alternatives and Strategic Conduct"; "References"; "5 Monitoring Issues and Measuring the Change"; "5.1 Predict the Phase Change"; "5.2 Crossing the Limit in the Decision Space"; "5.3 Cases of Decision Trajectory Evolution" "5.4 Freedom Versus Deregulation? Historical Considerations" "5.5 Procedure for Predicting Crisis Cycles"; "References"; "6 Nonlinear Effects in Market Penetration? Deterministic Chaos"; "6.1 Quadratic Phase Diagrams in Economics"; "6.2 Penetration of a Financial Instrument"; "References"; "7 Final Thoughts on Crises and Adaptability"; "7.1 Do We Want to Eliminate the Crises?"; "References"; "Appendix 1 Evolution of Models in Relation to Crisis Cycles"; "References"; "Appendix 2 Logistic Map"; "References"; "Bibliography"

---