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Altri autori (Persone)	SkiadasChristos H DimotikalisIoannis
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Nota di contenuto	Preface; Honorary Committee and International Scientific Committee; Keynote Talks; Contents; The Influence of Machine Saturation on Bifurcation and Chaos in Multimachine Power Systems Majdi M. Alomari and Jian Cue Zhu; Chaos in Multiplicative Systems Dorota Aniszewska and Marek Rybaczuk; Deterministic Chaos Machine: Experimental vs. Numerical Investigations Jan Awrejcewicz and Crzegorz Kudra; Some Issues and Results on the EnKF and Particle Filters for Meteorological Models Christophe Baehr and Olivier Pannekoucke Local and Global Lyapunov Exponents in a Discrete Mass Waterwheel David Becerra Alonso and Valery Tereshko Complex Dynamics in an Asset Pricing Model with Updating Wealth Serena Brianzoni, Cristiana Mammana, and Elisabetta Michetti; Chaotic Mixing in the System Earth: Mixing Granitic and Basaltic Liquids Cristina De Campos, Werner Ertel-Ingrisch, Diego Perugini, Donald B. Dingwell, and Ciampero Poli; Multiple Equilibria and Endogenous Cycles in a Non-Linear Harrodian Growth Model Pasquale Commendatore, Elisabetta Michetti, and Antonio Pinto

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Sommario/riassunto

This volume contains a collection of papers suggested by the Scientific Committee that includes the best papers presented in the 2nd International Conference (CHAOS2009) on Chaotic Modeling, Simulation and Applications, that was held in Chania, Crete, Greece, June 1-5, 2009. The aim of the conference was to invite and bring together people working in interesting topics of chaotic modeling, nonlinear and dynamical systems and chaotic simulation. The volume presents theoretical and applied contributions on chaotic systems. Papers from several nonlinear analysis and chaotic fields are included an
