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Altri autori (Persone)	SkiadasChristos H DimotikalisIoannis SkiadasCharilaos
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Nota di contenuto	Preface; International Advisory Committee; Plenary and Keynote Talks; CONTENTS; The Effects of Machine Components on Bifurcation and Chaos as Applied to Multimachine System M. M. Alomari and B. S. Rodanski; Measurement and Simulation of Random Matrix Statistics in Aluminum Mesoscopic Cavities O. Antoniuk and R. Sprik; On a Novel Dry Friction Modeling: Differential Equations Computation and Lyapunov Exponent Estimation J. Awrejcewicz et al.; Magic Angle Chaotic Precession B. Binder; Chaotic Phenomena at Czech Capital Market D. Blatna and J. Tresl Stability Study for Quark Systems using a Semi-Classical Billiard Model C. C. Bordeianu et al. Cross-Frontal Chaotic Transport in Oceanic Jet Currents M. V. Budyansky et al.; A Novel Monolithic Integrated Optical Chaos Emitter: Experiment, Data Analysis and Numerical Predictions K. E. Chlouverakis et al.; Self-Similarity/Memory-Length Parameter Estimation for Non-Gaussian Hermite Processes via Chaos Expansion A. Chronopoulou; The Pasinetti-Solow Growth Model with Optimal Saving

Behaviour: A Local Bifurcation Analysis P. Commendatore and C. Palmisani

A Note on Quantum Chaology and Gamma Approximations to Eigenvalue Spacings for Infinite Random Matrices C. T. J. Dodson One Dimensional Fractal Interpolation: Determination of the Vertical Scaling Factors using Convex Hulls V. Drakopoulos and P. Manousopoulos;

Effect of Parametric Dichotomic Markov Noise on the Properties of Chaotic Transitions in Dynamical Systems J. M. Gac and J. J. Zebrowski; A Seven Mode Truncation of the Kolmogorov Flow with Drag: Analysis and Control G. Gambino et al.

Asymptotic Expansions of Transition Densities of the Superconducting Phase Differences in d. c. SQUID in Presence of White Noise V. A. Gasanenko et al.

Chaos in the Brain: Novel Methodologies for Epilepsy Diagnosis and Seizure Detection S. Ghosh-Dastidar and H. Adeli; Digital Data Encryption Based on Discrete Additive Systems V. Grigoras and C. Grigoras;

Local Lyapunov Exponents: A New Way to Predict Chaotic Systems D. Gucegan and J. Leroux; On the Complete Chaotic Maps that Preserve Prescribed Absolutely Continuous Invariant Densities W. Huang

Huang

Chaotic Behavior of a Self-Replicating Robotic Population G. Kaloutsakis

Chaos and Geodynamics in Nature Systems: Virtual Nature Systems Approach V. I. Klenov; Self-Organization Processes in a Slow-Flowing Gravitational Compressible Cosmological Body A. M. Krot;

Disagreement between Newtonian and Relativistic Trajectories for a Low-Speed Kicked Dissipative System B. L. Lan; Visualisation of Atmospheric Pressure Plasma Electrical Parameters V. J. Law et al.;

Chaos and Multifractals in the Solar System Plasma W. M. Macek; On the Hyperchaotic Complex Lu System G. M. Mahmoud et al.

Chaotic Signal Analysis of Parkinson's Disease STN Brain Signals P. A. Meehan and P. A. Bellette

Sommario/riassunto

This volume includes the best papers presented at the CHAOS 2008 International Conference on Chaotic Modeling, Simulation and Applications. It provides a valuable collection of new ideas, methods, and techniques in the field of nonlinear dynamics, chaos, fractals and their applications in general science and in engineering sciences. It touches on many fields such as chaos, dynamical systems, nonlinear systems, fractals and chaotic attractors. It also covers mechanics, hydrofluid dynamics, chaos in meteorology and cosmology, Hamiltonian and quantum chaos, chaos in biology and genetics, chaotic
