

1. Record Nr.	UNINA9910132117803321
Autore	Pace Valentino <1944->
Titolo	Arte medievale in Italia meridionale // Valentino Pace
Pubbl/distr/stampa	Napoli, : Liguori, 2007-
ISBN	88-207-4343-4
Edizione	[1. ed. italiana.]
Descrizione fisica	v. : ill. (some col.)
Collana	Biblioteca. Nuovo Medioevo ; ; 70
Disciplina	709
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Collection of already publ. essays, now updated. V. Pace, professor at the University of Udine.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. : Campania. - 2007. - xiii, 298 p. (http://www.ilibri.casalini.it/toc/07240813.pdf)

2. Record Nr.	UNINA9911019165503321
Autore	Schuster Heinz Georg <1943->
Titolo	Deterministic chaos : an introduction // Heinz Georg Schuster and Wolfram Just
Pubbl/distr/stampa	Weinheim ; ; [Great Britain], : Wiley-VCH, c2005
ISBN	9786610521050 9781280521058 1280521058 9783527604807 3527604804 9783527606412 3527606416
Edizione	[4th rev. and enl. ed.]
Descrizione fisica	1 online resource (315 p.)
Altri autori (Persone)	JustW (Wolfram)
Disciplina	530.1
Soggetti	Statistical physics Deterministic chaos
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 1995.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Deterministic Chaos An Introduction; Contents; Preface; Legends to Plates I-XX; 1 Introduction; 2 Experiments and Simple Models; 2.1 Experimental Detection of Deterministic Chaos; 2.1.1 Driven Pendulum; 2.1.2 Rayleigh-Benard System in a Box; 2.1.3 Stirred Chemical Reactions; 2.1.4 Henon-Heiles System; 2.2 The Periodically Kicked Rotator; 2.2.1 Logistic Map; 2.2.2 Henon Map; 2.2.3 Chirikov Map; 3 Piecewise Linear Maps and Deterministic Chaos; 3.1 The Bernoulli Shift; 3.2 Characterization of Chaotic Motion; 3.2.1 Liapunov Exponent; 3.2.2 Invariant Measure; 3.2.3 Correlation Function 6 Strange Attractors in Dissipative Dynamical Systems6.1 Introduction and Definition of Strange Attractors; 6.1.1 Baker's Transformation; 6.1.2 Dissipative Henon Map; 6.2 The Kolmogorov Entropy; 6.2.1 Definition of K; 6.2.2 Connection of K to the Liapunov Exponents; 6.2.3 Average Time over which the State of a Chaotic System can be Predicted; 6.3 Characterization of the Attractor by a Measured Signal; 6.3.1 Reconstruction of the Attractor from a Time Series; 6.3.2

Generalized Dimensions and Distribution of Singularities in the Invariant Density

6.3.3 Generalized Entropies and Fluctuations around the K-Entropy

6.4 Kaplan-Yorke Conjecture; 7 Pictures of Strange Attractors and Fractal Boundaries; 7 The Transition from Quasiperiodicity to Chaos;

7.1 Strange Attractors and the Onset of Turbulence; 7.1.1 Hopf

Bifurcation; 7.1.2 Landau's Route to Turbulence; 7.1.3 Ruelle-Takens-Newhouse Route to Chaos; 7.1.4 Possibility of Three-Frequency

Quasiperiodic Orbits; 7.1.5 Break-up of a Two-Torus; 7.2 Universal Properties of the Transition from Quasiperiodicity to Chaos; 7.2.1 Mode

Locking and the Farey Tree; 7.2.2 Local Universality

7.2.3 Global Universality

Sommario/riassunto

A new edition of this well-established monograph, this volume provides a comprehensive overview over the still fascinating field of chaos research. The authors include recent developments such as systems with restricted degrees of freedom but put also a strong emphasis on the mathematical foundations. Partly illustrated in color, this fourth edition features new sections from applied nonlinear science, like control of chaos, synchronisation of nonlinear systems, and turbulence, as well as recent theoretical concepts like strange nonchaotic attractors, on-off intermittency and spatio-temporal c
