1. Record Nr. UNINA9910783222603321

Autore	Prastaro Agostino
Titolo	Quantized partial differential equations [[electronic resource] /] / A Prastaro
Pubbl/distr/stampa	River Edge, NJ, : World Scientific, c2004
ISBN	1-281-87247-4 9786611872472 981-256-251-6
Descrizione fisica	1 online resource (500 p.)
Disciplina	515.353 517.383
Soggetti	Quantum groups Quantum field theory
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 (p. 461-471) and index.
Nota di contenuto	Quantized Partial Differential Equations; Preface; CONTENTS; Quantized PDE's I: Noncommutative Manifolds; Quantized PDE's. II: Noncommutative PDE's; Quantized PDE's III: Quantizations of Commutative PDE's; Addendum I: Bordism groups and the (NS)-problem; Addendum II: Bordism groups and variational PDE's; References; Index
Sommario/riassunto	This book presents, for the first time, a systematic formulation of the geometric theory of noncommutative PDE's which is suitable enough to be used for a mathematical description of quantum dynamics and quantum field theory. A geometric theory of supersymmetric quantum PDE's is also considered, in order to describe quantum supergravity. Covariant and canonical quantizations of (super) PDE's are shown to be founded on the geometric theory of PDE's and to produce quantum (super) PDE's by means of functors from the category of commutative (super) PDE's to the category of quantum (super)PDE's. Global

2. Record Nr. UNIORUON00068117

Autore	BOESER, P. A. A.
Titolo	Die Denkmaeler des Neuen Reiches / von P. A. A. Boeser
Pubbl/distr/stampa	Milano, : Istituto editoriale Cisalpino-La Goliardica, 1976-1977
Edizione	[Repr]
Descrizione fisica	3 voll. : ill., p. di tav. ; 34 cm
Disciplina	932.074
Soggetti	Arte - Egitto antico - Nuovo Regno LEIDA - Musei - Cataloghi
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910254638803321

Titolo	Control of Self-Organizing Nonlinear Systems / / edited by Eckehard Schöll, Sabine H. L. Klapp, Philipp Hövel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-28028-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVII, 475 p. 159 illus., 42 illus. in color.)
Collana	Understanding Complex Systems, , 1860-0832
Disciplina	530
Soggetti	Statistical physics Dynamics Amorphous substances Complex fluids Systems biology Biological systems Physics System theory Complex Systems Soft and Granular Matter, Complex Fluids and Microfluidics Systems Biology Mathematical Methods in Physics Statistical Physics and Dynamical Systems

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Controlling chimera patterns in networks: Interplay of structure, noise, and delay -- Emergence of clusters of locked and whirling oscillators in the Kuramoto model with Inertia -- Control of synchronization in delay-coupled networks -- Controlling oscillations in nonlinear systems with delayed output feedback -- Global effects of delayed feedback control applied to the Lorenz system -- Spatio-temporal patterns: observation, control, and design -- On the interplay of noise and delay in coupled oscillators -- Noisy dynamical systems with time delay: some basic analytical perturbation schemes with applications -- Study on critical conditions and transient behaviors in noise-induced bifurcation -- Analytical, optimal and sparse optimal control of the FitzHugh-Nagumo and Schlögl model -- Recent advances in reaction-diffusion equations with non-ideal relays -- Deriving effective models for multiscale systems via evolutionary Gamma convergence -- Moment closure - A brief review -- Feedback control in quantum transport -- Controlling the stability of steady states in continuous variable quantum systems -- Quantum signatures of chimera states -- Controlled switching between time-periodic square-waves in photonic devices -- Exploiting multistabilities to achieve stable chimera states in all-to-all coupled laser networks -- Feedback control of colloidal transport -- Swarming of self-propelled particles on the surface of a dewetting liquid film -- Time-delayed feedback control of spatio-temporal self-organized patterns in dissipative systems -- Control of epidemics on hospital network -- Intrinsic control mechanisms of neuronal network dynamics -- Oscillations and intrinsic uctuations in evolutionary dynamics: how payoffs, dynamics and population sizes control the stability, and implementation of global feedback.
Sommario/riassunto	The book summarizes the state-of-the-art of research on control of self-organizing nonlinear systems with contributions from leading international experts in the field. The first focus concerns recent methodological developments including control of networks and of noisy and time-delayed systems. As a second focus, the book features emerging concepts of application including control of quantum systems, soft condensed matter, and biological systems. Special topics reflecting the active research in the field are the analysis and control of chimera states in classical networks and in quantum systems, the mathematical treatment of multiscale systems, the control of colloidal and quantum transport, the control of epidemics and of neural network dynamics.