

1. Record Nr.	UNINA9910299932903321
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Titolo	Fractal Control Theory // by Shu-Tang Liu, Pei Wang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-7050-4
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (300 pages)
Disciplina	515.39
Soggetti	Dynamics Nonlinear theories Automatic control Nonlinear optics Applied Dynamical Systems Control and Systems Theory Nonlinear Optics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Fractal Control of Planar Complex Dynamical Systems -- Synchronization of Julia Sets -- Identification Control for Julia Sets -- Fractal Surface and Control of Fractal Surface -- Control and Synchronization of Spatial Julia Sets -- Control of Julia Sets in Complex Henon Systems -- Control of Rational Fractal Sets -- Control and Application of Fractal Growth -- Control on Julia Sets in Switching Complex System.
Sommario/riassunto	This book focuses on the control of fractal behaviors in nonlinear dynamics systems, addressing both the principles and purposes of control. For fractals in different systems, it presents revealing studies on the theory and applications of control, reflecting a spectrum of different control methods used with engineering technology. As such, it will benefit researchers, engineers, and graduate students in fields of fractals, chaos, engineering, etc.