Record Nr. UNINA9910784015403321 Autore Gonzalez-Miranda J. M (Jesus Manuel) Synchronization and control of chaos [[electronic resource]]: an Titolo introduction for scientists and engineers / / J.M. Gonzalez-Miranda London, : Imperial College Press, c2004 Pubbl/distr/stampa 1-281-34743-4 **ISBN** 9786611347437 1-86094-522-8 Descrizione fisica 1 online resource (222 p.) Disciplina 003.857 621.381533 Soggetti Chaotic behavior in systems Nonlinear oscillations Nonlinear theories Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Copyright; Preface; Contents; 1 - Dynamics of Coupled and Driven Harmonic Oscillators; 2 - Chaotic Oscillators; 3 - Periodically Driven Chaotic Oscillators; 4 - Chaotic Oscillators Driven by Chaotic Signals; 5 - Perturbing Chaotic Systems to Control Chaos; 6 - Mutually Coupled Identical Chaotic Oscillator; 7 - Mutually Coupled Non-Identical Oscillators; 8 - On the Dynamics of Coupled and Driven Chaotic Oscillators: Bibliography: Index This book presents a comprehensive overview of the research and Sommario/riassunto latest developments in the field of the dynamics of coupled and driven chaotic oscillators, aimed at a wide audience. Since 1990, there has been very active research devoted to the field, culminating in a

considerable body of knowledge, while active research continues.