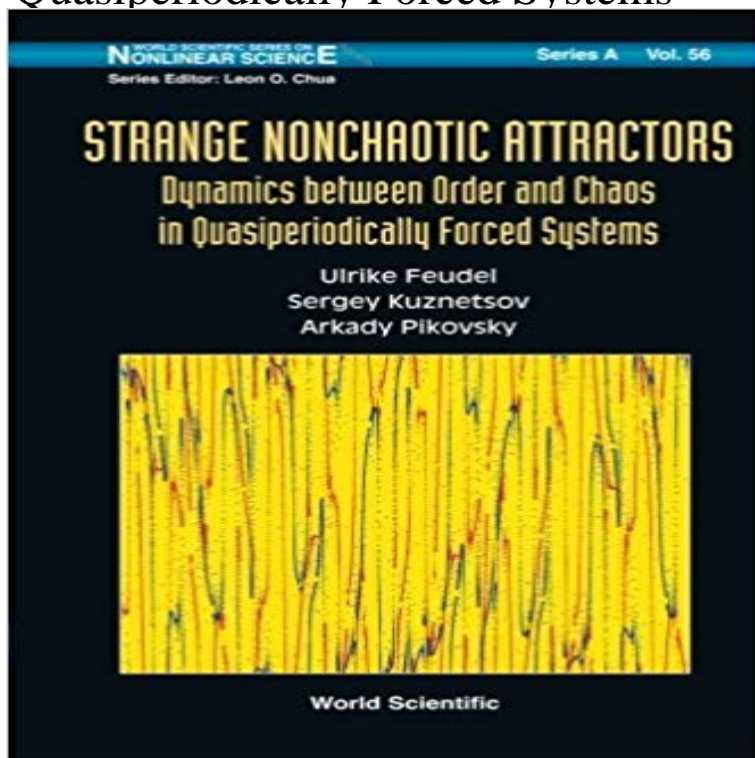


# Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems



This book is written very precisely with a lot of illustrations. It is indispensable for physicists and mathematicians interested in the above stated dynamical systems and their Sna. Zentralblatt Math This is the first attempt to gather up all the work on this topic and present it in a unified way ... the book does an excellent job in outlining the main examples, results and connections to the literature and should be an invaluable tool for anyone wishing to find out about Snas. Mathematical Reviews This book is the first monograph devoted exclusively to strange nonchaotic attractors (Sna), recently discovered objects with a special kind of dynamical behavior between order and chaos in dissipative nonlinear systems under quasiperiodic driving. A historical review of the discovery and study of Sna, mathematical and physically-motivated examples, and a review of known experimental studies of Sna are presented. The main focus is on the theoretical analysis of strange nonchaotic behavior by means of different tools of nonlinear dynamics and statistical physics (bifurcation analysis, Lyapunov exponents, correlations and spectra, renormalization group). The relations of the subject to other fields of physics such as quantum chaos and solid state physics are also discussed.

Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems by Sergey Kuznetsov, 9789812774408, available at Strange nonchaotic attractors : dynamics between order and chaos in quasiperiodically forced systems / Ulrike Feudel, Sergey Kuznetsov, Arkady Pikovsky. We experimentally study strange nonchaotic attractors (SNAs) and chaotic . Dynamics between Order and Chaos in Quasiperiodically Forced Systems, WorldKop Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems av Sergey Kuznetsov, Arkady Pikovsky, Ulrike The models can be expressed as quasiperiodically forced dynamical systems. It is shown that four of them exhibit a strange nonchaotic attractor Strange Nonchaotic Attractors. Dynamics between Order and Chaos in Quasiperiodically Forced Systems Strange Nonchaotic Attractors: pp. 9-28. Osta kirja Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems Arkady S Pikovsky, Ulrike Feudel, Sergey P Strange Nonchaotic Attractors. Dynamics between Order and Chaos in Quasiperiodically Forced Systems Strange Nonchaotic Attractors: pp. 29-43. Pris: 2197 kr. E-bok, 2006. Laddas ned direkt. Kop Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems av Buy Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems by

Ulrike Feudel, Sergey P Kuznetsov, Arkady SBuy Strange Nonchaotic Attractors: Dynamics Between Order And Chaos In Quasiperiodically Forced Systems from Dymocks online BookStore. Find latestA strange nonchaotic attractor (SNA) is an object that lies in between related to a special class of dissipative systems with a quasiperiodic forcing of type (1.3).