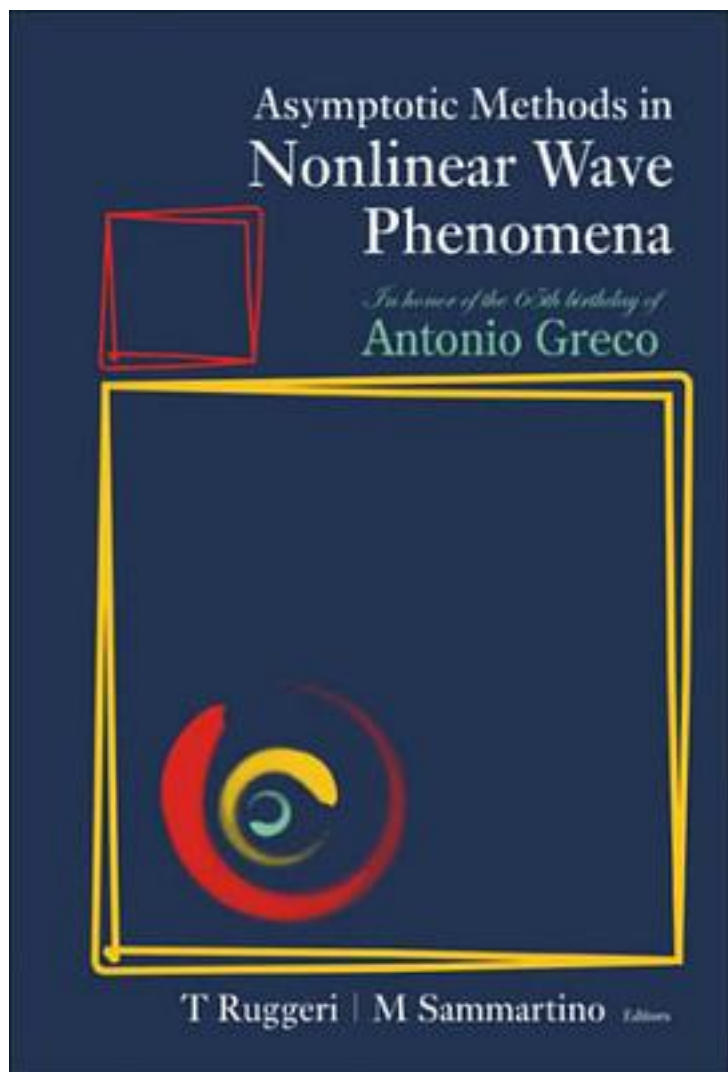# Asymptotic Methods in Nonlinear Wave Phenomena

[Asymptotic Methods in Nonlinear Wave Phenomena_下载链接1_](#)

著者:Ruggeri, T. (EDT)/ Sammartino, M. (EDT)

出版者:World Scientific Pub Co Inc

出版时间:2007-8

装帧:HRD

isbn:9789812707826

This book brings together several contributions from leading experts in the field of nonlinear wave propagation. This field, which during the last three decades has seen important breakthroughs from the theoretical point of view, has recently acquired increased relevance due to advances in the technology of fluids e.g. at microscale or nanoscale and the recognition of crucial applications to the understanding of biological phenomena. Nonlinear wave theory requires the use of disparate approaches, including formal and rigorous asymptotic methods, Lie group theory, energy methods, numerical analysis, and bifurcation theory. This book presents a unique blend in which different aspects of the theory are enlightened and several real-life applications are investigated. The book will be a valuable resource for applied scientists interested in some of the most recent advances in the theory and in the applications of wave propagation, shock formation, nonequilibrium thermodynamics and energy methods.

作者介绍:

目录:

Asymptotic Methods in Nonlinear Wave Phenomena_下载链接1_

标签

评论

Asymptotic Methods in Nonlinear Wave Phenomena_下载链接1_

书评

[Asymptotic Methods in Nonlinear Wave Phenomena_下载链接1_](#)