

<<力学和物理学中的无限维动力系统>>

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作者：R.Temam著

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内容概要

Since publication of the first edition of this book in 1988, the study of dynamical systems of infinite dimension has been a very active area in pure and applied mathematics; new results include the study of the existence of attractors for a large number of systems in mathematical physics and mechanics; lower and upper estimates on the dimension of the attractors; approximation of attractors; inertial manifolds and their approximation. The study of multilevel numerical methods stemming from dynamical systems theory has also developed as a subject on its own. Finally, intermediate concepts between attractors and inertial manifolds have also been introduced, in particular the concept of inertial sets.

书籍目录

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