

<<泛函数分方程理论>>

图书基本信息

书名：<<泛函数分方程理论>>

13位ISBN编号：9787506265904

10位ISBN编号：7506265907

出版时间：2003-11

出版时间：世界图书出版公司

作者：Jack Hale

页数：365

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<泛函数分方程理论>>

内容概要

Since the publication of my lecture notes, Functional Differential Equations in the Applied Mathematical Sciences series, many new developments have occurred. As a consequence, it was decided not to make a few corrections and additions for a second edition of those notes, but to present a more comprehensive theory. The present work attempts to consolidate those elements of the theory which have stabilized and also to include recent directions of research.

<<泛函数分方程理论>>

书籍目录

Introduction Chapter 1 Linear differential difference equations 1.1 Differential and difference equations 1.2 Retarded differential difference equations 1.3 Exponential estimates of $x(t, f)$ 1.4 The characteristic equation 1.5 The fundamental solution 1.6 The variation-of-constants formula 1.7 Neutral differential difference equations 1.8 Supplementary remarks Chapter 2 Retarded functional differential equations: basic theory 2.1 Definition 2.2 Existence, uniqueness, and continuous dependence 2.3 Continuation of solutions 2.4 Differentiability of solutions 2.5 Backward continuation 2.6 Caratheodory conditions 2.7 Supplementary remarks Chapter 3 Properties of the solution map 3.1 Finite-or infinite-dimensional problem 3.2 Equivalence classes of solutionsChapter4 Autonomous and peridic processesChapter5 Stability theoryChapter6 General linear systemsChapter7 Linear autonomous equationsChapter8 Linear periodic systemsChapter9 Pertubed linear systemsChapter10 Behavior near equilibium and periodic orbits for autonomou equationsChapter11 periodic soultons of autonomous equationsChapter12 Eqations of neutral typeChapter13 Global theoryAppendixStability of charactersitc equationsBibliographyIndex

<<泛函数分方程理论>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介, 请支持正版图书。

更多资源请访问:<http://www.tushu007.com>