

<<Fourier series in co>>

图书基本信息

书名：<<Fourier series in control theory在控制手段理论中傅里叶级数>>

13位ISBN编号：9780387223834

10位ISBN编号：0387223835

出版时间：2005-1

作者：Komornik, V.; Komornik, Vilmos; Loreti, Paola

页数：223

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>

<<Fourier series in co>>

内容概要

This book uses techniques of Fourier series and functional analysis to deal with certain problems in differential equations. The Fourier series and functional analysis are merely tools; the authors' real interest lies in the differential equations that they study. It has been known since 1967 that a wide variety of sets $\{e^{i\lambda_k t}\}$ of complex exponential functions play an important role in the control theory of systems governed by partial differential equations. However, this book is the first serious attempt to gather all of the available theory of these "nonharmonic Fourier series" in one place, combining published results with new results by the authors, to create a unique source of such material for practicing applied mathematicians, engineers and other scientific professionals.

书籍目录

1 Introduction 2 Observation, control, and stabilization 3 Well-posedness in a Riesz basis setting 4 Observability of strings 5 Observability of beams 6 Vector sum estimates 7 Problems on spherical domains 8 Multidimensional Ingham-type theorems 9 A general Ingham-type theorem 10 Problems with weakened gap conditions
ReferencesIndex

<<Fourier series in co>>

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>