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<<时滞差分方程的振动性>>

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内容概要

《时滞差分方程的振动性（英文版）》是论述时滞差分方程振动性的专著。对一阶、二阶至高阶差分方程及差分方程组的振动性作了深入的研究。

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书籍目录

PrefaceChapter 1 Preliminaries 1.0 Introduction 1.1 Notations 1.2 Definitions 1.3 Some Basic Theorems on Calculus of Finite Differences 1.4 Some Fixed Point TheoremsChapter 2 First Order Delay Difference Equations 2.0 Introduction 2.1 Oscillation of First Order Delay Difference Equations in Critical States 2.2 Oscillation of First Order Delay Difference Equations with Variable Delays 2.3 Semicycles of the Oscillatory Solutions of First Order Delay Difference Equations 2.4 NotesChapter 3 Second Order Delay Difference Equations 3.0 Introduction 3.1 Oscillation and Nonoscillation of Second Order Half-Linear Difference Equations 3.2 Classification of Nonoscillatory Solutions of Second Order Nonlinear Neutral Delay Difference Equations 3.3 Existence of Nonoscillatory Solutions of Second Order Nonlinear Neutral Delay Difference Equations 3.4 NotesChapter 4 Higher Order Delay Difference Equations 4.0 Introduction 4.1 Oscillation of Higher Order Linear Difference Equations 4.2 Oscillation of Higher Order Linear Neutral Delay Difference Equations 4.3 Comparison Theorems for Oscillation of Higher Order Nonlinear Neutral Delay Difference Equations 4.4 Existence of Nonoscilatory Solutions of Higher Order Nonlinear Neutral Delay Difference Equationss 4.5 Nonoscillatory Solutions of Higher Order Neutral Delay Difference Equations with Forcing Terms 4.6 Classification of Nonoscillatory Solutions of Higher Order Nonlinear Neutral Delay Difference Equations 4.7 NotesChapter 5 Delay Difference Equations with Continuous Variables 5.0 Introduction 5.1 The Distribution of Zeros of Linear Difference Equations with Continuous Variables 5.2 The Distribution of Zeros of Nonlinear Delay Difference Equations with Continuous Variables 5.3 Oscillation of Nonlinear Neutral Difference Equations with Continuous Variables 5.4 NotesChapter 6 Functional Equations 6.0 Introduction 6.1 Oscillation of Functional Equations with Continuous Variables. 6.2 Oscillation of Nonlinear Functional Equations 6.3 Oscillation of Two-Variables Functional Equations 6.4 NotesChapter 7 Partial Difference Equations 7.0 Introduction 7.1 Oscillation of Linear Partial Difference Equations 7.2 Comparison Theorems for Oscillation of Partial Difference Equations 7.3 Existence of Bounded and Unbounded Nonoscillatory Solution of Partial Difference Equations 7.4 NotesReferences

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编辑推荐

In the present monograph, I have collected some of the results which my cooperators and I have obtained in the last few years. The book is divided into seven chapters. Chapter 1 introduces some preliminary materials, including and some results from calculus of finite differences which are taken from the monograph of Agarwal （2000）. Chapter 2 provides some results in the oscillation of first order delay difference equations. Chapter 3 discusses oscillation, nonoscillation and asymptotic classification of nonoscillatory solutions of second nonlinear difference equations. Chapter 4 investigates the oscillation and existence of nonoscillatory solutions of higher order neutral delay difference equations. Chapter 5 deals with oscillation for delay difference equations with continuous variables. Chapter 6 concerns oscillation and nonoscillation of functional equations. The last chapter, Chapter 7 studies oscillation and existence of nonoscillatory solutions of delay partial difference equations.

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