

<<时滞差分方程的振动性>>

图书基本信息

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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。

## &lt;&lt;时滞差分方程的振动性&gt;&gt;

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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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