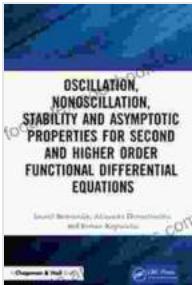


# Oscillation, Nonoscillation, Stability, and Asymptotic Properties for Second and Higher Order Differential Equations

This book provides a comprehensive treatment of oscillation, nonoscillation, stability, and asymptotic properties of second and higher order differential equations. It is written for researchers and students working in the areas of differential equations, applied mathematics, and control theory.



## Oscillation, Nonoscillation, Stability and Asymptotic Properties for Second and Higher Order Functional Differential Equations

by Michael Anderle

4.6 out of 5

Language : English

File size : 16229 KB

Screen Reader : Supported

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The book begins with a review of the basic theory of differential equations, including existence and uniqueness theorems, linear equations, and systems of equations. It then discusses the oscillation theory of second order differential equations, including the Sturm-Liouville problem and the Wintner-Whyburn theorem. The book also covers the nonoscillation theory of second order differential equations, including the Hartman-Wintner theorem and the Hille-Wintner theorem.

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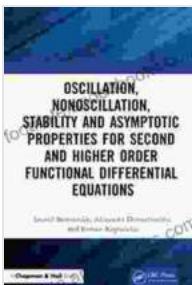
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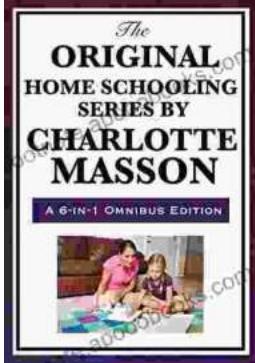
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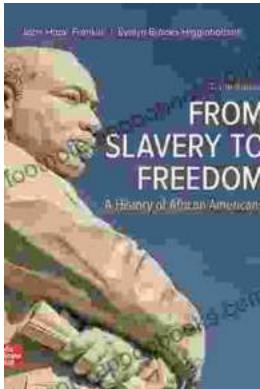
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