Mechanical perturbation finite element analysis - based on MATLAB Programming

By LIU JIE MIN

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 195 Publisher: China Power Pub. Date :2010-09-01 version 1. This book focuses on two yuan disturbance dynamics theory and its applications. covering more than one branch of the deformation of solid mechanics. introducing the disturbance based on MATLAB finite element analysis program development. Chapter 2 gives the basic meaning of TDD. including its uniform characteristics. TDD derivation of equations and complex material systems (such as the porous medium) specificity. Chapter 3 describes the basic theory of deformation of physical science - and the basic relationship between stress and strain analysis. Chapter 4 describes the yield criterion and the elastic-plastic constitutive relation. Chapters 3 and 4 are binary perturbation theory an important part. Chapter 5 further describes the characteristics of the perturbation equation and its various special forms of binary perturbation theory analysis of the development and application of ideas. Chapter 6 gives the perturbation theory based on binary after mechanical behavior prediction method. prediction methods of control engineering components will be conducted perturbation analysis of finite element basis. Chapter 7 describes the basic elastic-plastic finite element method....

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