

<<计算非弹性>>

图书基本信息

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内容概要

This book goes back a long way. There is a tradition of research and teaching in inelasticity at Stanford that goes back at least to Wilhelm Flugge and Erastus Lee. I joined the faculty in 1980, and shortly thereafter the Chairman of the Applied Mechanics Division, George Herrmann, asked me to present a course in plasticity. I decided to develop a new two-quarter sequence entitled Theoretical and Computational Plasticity which combined the basic theory I had learned as a graduate student at the University of California at Berkeley from David Bogy, James Kelly, Jacob Lubliner, and Paul Naghdi with new computational techniques from the finite-element literature and my personal research. I taught the course a couple of times and developed a set of notes that I passed on to Juan Simo when he joined the faculty in 1985. I was Chairman at that time and I asked Juan to further develop the course into a full year covering inelasticity from a more comprehensive perspective.

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书籍目录

Preface Chapter I Motivation. One-Dimensional Plasticity and Viscoplasticity. 1.1 Overview 1.2 Motivation. One-Dimensional Frictional Models 1.2.1 Local Governing Equations 1.2.2 An Elementary Model for (Isotropic) Hardening Plasticity 1.2.3 Alternative Form of the Loading/Unloading Conditions 1.2.4 Further Refinements of the Hardening Law 1.2.5 Geometric Properties of the Elastic Domain 1.3 The Initial Boundary-Value Problem 1.3.1 The Local Form of the IBVP 1.3.2 The Weak Formulation of the IBVP 1.3.3 Dissipation. A priori Stability Estimate 1.3.4 Uniqueness of the Solution to the IBVP Contractivity 1.3.5 Outline of the Numerical Solution of the IBVP 1.4 Integration Algorithms for Rate-Independent Plasticity 1.4.1 The Incremental Form of Rate-Independent Plasticity 1.4.2 Return-Mapping Algorithms. Isotropic Hardening 1.4.3 Discrete Variational Formulation. Convex Optimization 1.4.4 Extension to the Combined Isotropic/Kinematic Hardening Model 1.5 Finite-Element Solution of the Elastoplastic IBVP. An Illustration 1.5.1 Spatial Discretization. Finite-Element Approximation 1.5.2 Incremental Solution Procedure 1.6 Stability Analysis of the Algorithmic IBVP 1.6.1 Algorithmic Approximation to the Dynamic Weak Form 1.7 One-Dimensional Viscoplasticity 1.7.1 One-Dimensional Rheological Model 1.7.2 Dissipation. A Priori Stability Estimate 1.7.3 An Integration Algorithm for Viscoplasticity Chapter 2 Classical Rate-independent Plasticity and Viscoplasticity. 2.1 Review of Some Standard Notation 2.1.1 The Local Form of the IBVP. Elasticity 2.2 Classical Rate-Independent Plasticity 2.2.1 Strain-Space and Stress-Space Formulations 2.2.2 Stress-Space Governing Equations 2.2.3 Strain-Space Formulation 2.2.4 An Elementary Example: 1-D Plasticity 2.3 Plane Strain and 3-D, Classical /2 Flow Theory 2.3.1 Perfect Plasticity 2.3.2 /2 Flow Theory with Isotropic/Kinematic Hardening 2.4 Plane-Stress /2 Flow Theory 2.4.1 Projection onto the Plane-Stress Subspace 2.4.2 Constrained Plane-Stress Equations

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章节摘录

插图：

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