Elasticity - (civil engineering applicable)

By LI YU CHUN ZHU

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 163 Publisher: Building Publishing (formerly Building Society) Pub. Date :2009-5-1. This book is written for the undergraduate civil engineering elastic material. the book for civil engineering (application) characteristics. selection include: the establishment of the basic equations of elasticity. plane problems. space axisymmetric problem. the stress-strain coordinate transformation. a straight rod to reverse the cross-section. a small deflection plate bending. thermal stress. the variational principle. This book also describes the elasticity of some important in civil engineering application examples. such as: foundation principles of stress and settlement calculation. the calculation of the concrete slab. concrete tension splitting test mechanics. temperature cracks in concrete structures analysis. engineering strain analysis. the structure of the shear lag issues. This book covers the contents of the wide. can be used as civil engineering undergraduate textbook. but also for civil engineering graduate. Master of Engineering and Structural Engineering Reference. Contents: Chapter 1 Introduction 1.1 The study of elasticity and tasks of the basic assumptions of elasticity 1.2 Exercise 1 Chapter 2 2.1 Basic equations of elasticity of the two basic concepts of elastic...

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