



Structural Design: A Practical Guide for Architects

By Underwood, James R.; Chiuini, Michele

Wiley, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface. In the Beginning: The Premise. Chapter 1: Introduction: Understanding Loads. 1.1 Loads. 1.2 Tributary Areas. 1.3 Lateral Loads-Wind and Earthquakes. 1.4 Lateral Loads: Wind 1.5 Lateral Loads: Earthquake. 1.6 Loading Conditions. Chapter 2: Load and Resistance Factor Design. 2.1 Load Combinations. 2.2 Resistance Factors. 2.3 Working Stress versus LFRD Design. 2.4 Elastic Section Modulus and Plastic Section Modulus. 2.5 Shape Factor. PART ONE: STEEL. Chapter 3: Materials and Properties. 3.1 Structural Properties of Steel. 3.2 Allowable Stress. 3.3 Yield Stress. 3.4 Standard Shapes. 3.5 Fire Considerations. 3.6 Surface Finishes. Chapter 4: Structural Elements and Systems. 4.1 Member Types. 4.2 System Selection. 4.3 Low-Rise Frame Systems. 4.4 Medium- and High-Rise Systems. 4.5 Architectural Considerations. SECTION 1: STEEL BENDING SYSTEMS. Chapter 5: Preengineered Systems. 5.1 Open-Web Steel Joist. 5.2 Steel Decks. Chapter 6: Steel Beams. 6.1 Beam Theory. 6.2 Beams in Structural Systems. Chapter 7: Lateral Stability in Beams. 7.1 Conditions of Stability. Chapter 8: Supports. 8.1 Bearing Plates for Beams and Columns. 8.2 Design of Bearing Plates. 8.3 Column Base Plates. 8.4 Design of Column Base Plates. Chapter 9: Web Yielding and Crippling. 9.1...



Reviews

It is great and fantastic. Better then never, though i am quite late in start reading this one. Its been written in an extremely simple way and is particularly only right after i finished reading this ebook where actually changed me, affect the way i really believe.

-- Orin Blick

This ebook will never be straightforward to get started on looking at but really fun to read. It is amongst the most incredible publication i have got read through. I realized this pdf from my i and dad encouraged this publication to learn.

-- Mrs. Anya Kautzer

Relevant Books



Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home

Random House USA Inc, United States, 2009. Paperback. Book Condition: New. 2nd. 229 x 185 mm. Language: English . Brand New Book. Provide a solid education at home without breaking the bank. Introduced in 2000, Homeschool Your Child for Free gave countless...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Preemployment Training software download generated pictures...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Preemployment Training software download generated pictures...



Talking Digital: A Parent's Guide for Teaching Kids to Share Smart and Stay Safe Online

 $Create space, United States, 2014. \ Paperback. \ Book. \ Condition: New. \ 229 \times 152 \ mm. \ Language: English. \ Brand \ New \ Book. \ It is time for the digital talk. \ Today, kids are growing up in a wired world. \ Their online interactions, the good and the bad,...$



Ready, Set, Preschool!: Stories, Poems and Picture Games with an Educational Guide for Parents Book Condition: Brand New. Book Condition: Brand New.



Daycare Seen Through a Teacher's Eyes: A Guide for Teachers and Parents

America Star Books, United States, 2010. Paperback. Book Condition: New. 224 x 152 mm. Language: English . Brand New Book *****
Print on Demand *****. Between the good mornings and the good nights its what happens during the day I want the...