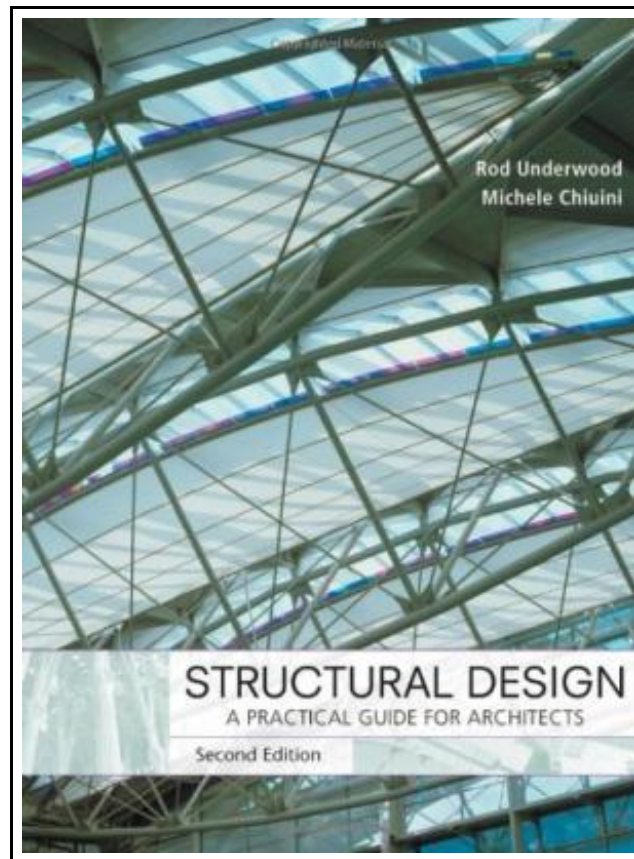


Structural Design: A Practical Guide for Architects



Filesize: 4.52 MB

Reviews

This pdf is so gripping and intriguing. I could comprehend almost everything using this composed ebook. You are going to like just how the article writer create this ebook.
(Miss Dakota Zulauf)

STRUCTURAL DESIGN: A PRACTICAL GUIDE FOR ARCHITECTS



To read **Structural Design: A Practical Guide for Architects** eBook, remember to refer to the link under and download the document or get access to additional information that are in conjunction with STRUCTURAL DESIGN: A PRACTICAL GUIDE FOR ARCHITECTS ebook.

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 Localized Failure of Components. Chapter 10: Built-Up Beams. 10.1 Built-Up Sections. 10.2 Connection and Length of Cover Plates. 10.3 Holes in the Web and in the Flanges. SECTION 2: STEEL AXIALLY LOADED SYSTEMS. Chapter 11: Columns. 11.1 Column Theory. 11.2 Built-Up Columns. 11.3 Columns with Unequal Unbraced Lengths. Chapter 12: Tension Members. 12.1 Types of Tension Members. 12.2 Basic Design. 12.3 Connection of Tension Members. 12.4 Suspension Structures. SECTION 3: STEEL COMBINED SYSTEMS. Chapter 13: Combined Axial Loading and Bending. 13.1 Basic Considerations and Procedure. 13.2 Sloped Beams. Chapter 14: Trusses. 14.1 General Comments. 14.2 Design Considerations. 14.3 Truss Analysis....



Read Structural Design: A Practical Guide for Architects Online



Download PDF Structural Design: A Practical Guide for Architects



Download ePub Structural Design: A Practical Guide for Architects

See Also



[PDF] Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

Click the web link beneath to read "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" file.

[Read PDF »](#)



[PDF] The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Click the web link beneath to read "The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)" file.

[Read PDF »](#)



[PDF] Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

Click the web link beneath to read "Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep" file.

[Read PDF »](#)



[PDF] 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)

Click the web link beneath to read "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)" file.

[Read PDF »](#)



[PDF] Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2

Click the web link beneath to read "Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2" file.

[Read PDF »](#)



[PDF] 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)

Click the web link beneath to read "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)" file.

[Read PDF »](#)



[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee

Click the link listed below to download "Read Write Inc. Phonics: Orange Set 4 Storybook 2 I Think I Want to be a Bee" document.

[Download eBook »](#)



[PDF] Read Write Inc. Phonics: Grey Set 7 Non-Fiction 1 a Job for Jordan

Click the link listed below to download "Read Write Inc. Phonics: Grey Set 7 Non-Fiction 1 a Job for Jordan" document.

[Download eBook »](#)



[PDF] Molly on the Shore, BFMS 1 Study score

Click the link listed below to download "Molly on the Shore, BFMS 1 Study score" document.

[Download eBook »](#)



[PDF] Silverlight 5 in Action

Click the link listed below to download "Silverlight 5 in Action" document.

[Download eBook »](#)



[PDF] Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 1 in the Park

Click the link listed below to download "Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 1 in the Park" document.

[Download eBook »](#)



[PDF] Read Write Inc. Phonics: Purple Set 2 Storybook 5 Tag

Click the link listed below to download "Read Write Inc. Phonics: Purple Set 2 Storybook 5 Tag" document.

[Download eBook »](#)