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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- Preface to the Twelfth Edition -- Preface to the First Edition -- Introduction -- Part I Fundamental Functions of Structures -- Chapter 1 Investigation of Forces, Force Systems, Loading, and Reactions -- 1.1 Properties of Forces -- 1.2 Static Equilibrium -- 1.3 Force Components and Combinations -- 1.4 Graphical Analysis of Concurrent Force Systems -- 1.5 Algebraic Analysis of Nonconcurrent Force Systems -- 1.6 Laws of Equilibrium -- 1.7 Loads and Reactive Forces -- 1.8 Load Sources -- 1.9 Load Combinations -- 1.10 Determination of Design Loads -- 1.11 Design Methods -- Chapter 2 Investigation of Axial Force Actions -- 2.1 Forces and Stresses -- 2.2 Deformation -- 2.3 Suspension Cables -- 2.4 Funicular Arches -- 2.5 Graphical Analysis of Planar Trusses -- 2.6 Algebraic Analysis of Planar Trusses -- 2.7 Cable-Stayed Structures -- 2.8 Compression Members -- Chapter 3 Investigation of Structures for Shear and Bending -- 3.1 Direct Shear Stress -- 3.2 Shear in Beams -- 3.3 Bending Moments in Beams -- 3.4 Sense of Bending in Beams -- 3.5 Tabulated Values for Beam Behavior -- 3.6 Development of Bending Resistance -- 3.7 Shear Stress in Beams -- 3.8 Continuous and Restrained Beams -- 3.9 Members Experiencing Compression Plus Bending -- 3.10 Rigid Frames -- 3.11 Buckling of Beams -- 3.12 Second-Order Analysis -- 3.13 Computer Software for Structural Analysis -- Chapter 4 Structural Systems and Planning -- 4.1 General

Considerations for Structural Systems -- 4.2 Shear Wall and Diaphragm Structural System -- 4.3 Braced Frame Systems -- 4.4 Moment Frame Systems -- 4.5 Wood Construction -- 4.6 Steel Construction -- 4.7 Concrete Construction -- Part II Wood Construction -- Chapter 5 Wood Spanning Elements -- 5.1 Structural Lumber -- 5.2 Reference Design Values for Allowable Stress Design. 5.3 Design Controls for Load and Resistance Factor Design -- 5.4 Design for Bending -- 5.5 Beam Shear -- 5.6 Bearing -- 5.7 Deflection -- 5.8 Behavior Considerations for LRFD -- 5.9 Joists and Rafters -- 5.10 Decking for Roofs and Floors -- 5.11 Plywood -- 5.12 Glued-Laminated Products -- 5.13 Wood Fiber Products -- 5.14 Assembled Wood Structural Products -- Chapter 6 Wood Columns -- 6.1 Slenderness Ratio for Columns -- 6.2 Compression Capacity of Simple Solid Columns, ASD Method -- 6.3 Column Load Capacity, LRFD Method -- 6.4 Stud Wall Construction -- 6.5 Columns with Bending -- Chapter 7 Connections for Wood structures -- 7.1 Bolted Joints -- 7.2 Nailed Joints -- 7.3 Plywood Gussets -- 7.4 Investigation of Connections, LRFD Method -- 7.5 Formed Steel Framing Elements -- Part III Steel Construction -- Chapter 8 Steel Structural Products -- 8.1 Design Methods for Steel Structures -- 8.2 Materials for Steel Products -- 8.3 Types of Steel Structural Products -- Chapter 9 Steel Beams and Framing Elements -- 9.1 Factors in Beam Design -- 9.2 Inelastic Versus Elastic Behavior -- 9.3 Nominal Moment Capacity of Steel Beams -- 9.4 Design for Bending -- 9.5 Design of Beams for Buckling Failure -- 9.6 Shear in Steel Beams -- 9.7 Deflection of Beams -- 9.8 Safe Load Tables -- 9.9 Steel Trusses -- 9.10 Manufactured Trusses for Flat Spans -- 9.11 Decks with Steel Framing -- 9.12 Concentrated Load Effects on Beams -- Chapter 10 Steel Columns and Frames -- 10.1 Column Shapes -- 10.2 Column Slenderness and End Conditions -- 10.3 Safe Axial Loads for Steel Columns -- 10.4 Design of Steel Columns -- 10.5 Columns with Bending -- 10.6 Column Framing and Connections -- Chapter 11 Bolted Connections for Steel Structures -- 11.1 Bolted Connections -- 11.2 Design of a Bolted Connection -- 11.3 Bolted Framing Connections -- 11.4 Bolted Truss Connections. Chapter 12 Light-Gage Formed Steel Structures -- 12.1 Light-Gage Steel Products -- 12.2 Light-Gage Steel Decks -- 12.3 Light-Gage Steel Systems -- Part IV Concrete Construction -- Chapter 13 Reinforced Concrete Structures -- 13.1 General Considerations -- 13.2 General Application of Strength Methods -- 13.3 Beams: Ultimate Strength Method -- 13.4 Beams in Site-Cast Systems -- 13.5 Spanning Slabs -- 13.6 Shear in Beams -- 13.7 Development Length for Reinforcement -- 13.8 Deflection Control -- Chapter 14 Flat-Spanning Concrete Systems -- 14.1 Slab-and-Beam Systems -- 14.2 General Considerations for Beams -- Chapter 15 Concrete Columns and Compression Members -- 15.1 Effects of Compression Force -- 15.2 General Considerations for Concrete Columns -- 15.3 Design Methods and Aids for Concrete Columns -- 15.4 Special Considerations for Concrete Columns -- Chapter 16 Foundations -- 16.1 Shallow Bearing Foundations -- 16.2 Wall Footings -- 16.3 Column Footings -- 16.4 Pedestals -- Part V Structural Systems for Buildings -- Chapter 17 General Considerations for Building Structures -- 17.1 Choice of Building Construction -- 17.2 Structural Design Standards -- 17.3 Structural Design Process -- 17.4 Development of Structural Systems -- Chapter 18 Building One -- 18.1 General Considerations -- 18.2 Design of the Wood Structure for Gravity Loads -- 18.3 Design for Lateral Loads -- 18.4 Alternative Steel and Masonry Structure -- 18.5 Alternative Truss Roof -- 18.6 Foundations -- Chapter 19 Building Two -- 19.1 Design for Gravity Loads -- 19.2 Design for Lateral Loads -- 19.3 Alternative Steel and

Masonry Structure -- Chapter 20 Building Three -- 20.1 General Considerations -- 20.2 Structural Alternatives -- 20.3 Design of the Steel Structure -- 20.4 Alternative Floor Construction with Trusses -- 20.5 Design of the Trussed Bent for Wind. 20.6 Considerations for a Steel Rigid Frame -- 20.7 Considerations for a Masonry Wall Structure -- 20.8 The Concrete Structure -- 20.9 Design of the Foundations -- Appendix A Properties of Sections -- A.1 Centroids -- A.2 Moment of Inertia -- A.3 Transferring Moments of Inertia -- A.4 Miscellaneous Properties -- A.5 Tables of Properties of Sections -- Glossary -- References -- Quick Reference to Useful Data -- Index -- EULA.

Sommario/riassunto

"The bestselling structural design reference, fully updated and revised Simplified Engineering for Architects and Builders is the go-to reference on structural design, giving architects and designers a concise introduction to the structures commonly used for typical buildings. The clear, accessible presentation is designed to give you the essential engineering information you need without getting bogged down in excess math, making this book an ideal reference for busy design professionals. This new 12th edition has been completely revised to reflect the latest standards and practices. The instructor site includes a complete suite of teaching resources, including an instructor's manual and a PowerPoint presentation. Structural design is an essential component of the architect's repertoire, and engineering principles are at the foundation of every sound structure. You need to know the physics, but you don't necessarily need to know all of the math. This book gives you exactly what you need without losing you in a tangle of equations, so you can quickly grasp and apply the material. Understand fundamental concepts like forces, loading, and reactions Learn how to design for wood, steel, or concrete construction Study structural design standards and develop sound structural systems Determine the best possible solutions to difficult design challenges The industry-leading reference for over 80 years, Simplified Engineering for Architects and Builders is the definitive guide to practical structural design"--

"This new Twelfth Edition is thoroughly revised and updated to reflect the latest practices in the design of structures"--
