



# Building Structures Illustrated: Patterns, Systems, and Design

*Francis D. K. Ching*

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**Building Structures Illustrated: Patterns, Systems, and Design** Francis D. K. Ching

**A new edition of Francis D.K. Ching's illustrated guide to structural design**

Structures are an essential element of the building process, yet one of the most difficult concepts for architects to grasp. While structural engineers do the detailed consulting work for a project, architects should have enough knowledge of structural theory and analysis to design a building. *Building Structures Illustrated* takes a new approach to structural design, showing how structural systems of a building—such as an integrated assembly of elements with pattern, proportions, and scale—are related to the fundamental aspects of architectural design. The book features a one-stop guide to structural design in practice, a thorough treatment of structural design as part of the entire building process, and an overview of the historical development of architectural materials and structure. Illustrated throughout with Ching's signature line drawings, this new *Second Edition* is an ideal guide to structures for designers, builders, and students.

- Updated to include new information on building code compliance, additional learning resources, and a new glossary of terms
- Offers thorough coverage of formal and spatial composition, program fit, coordination with other building systems, code compliance, and much more
- Beautifully illustrated by the renowned Francis D.K. Ching

*Building Structures Illustrated, Second Edition* is the ideal resource for students and professionals who want to make informed decisions on architectural design.

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