



Building Structures: From Concepts to Design

By Malcolm Millais



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A thorough introduction to building for the non-expert, this book is a one-stop book reference source for knowing everything important about building structures.

Readers:

- follow the history of structural understanding
- grasp all the concepts of structural behaviour via step by step explanations
- apply the concepts to a simple building
- see how the concepts also apply to real buildings from Durham Cathedral to the Bank of China
- use the concepts to define the design process
- see how the concepts inform design choices
- understand how engineering and architecture have diverged and what effect this has had
- learn to do simple but relevant numerical calculations for actual structures
- enter the world of structural theory and see how modern techniques are applied.

With over 400 pages and over 1000 user-friendly diagrams, this book is a must for anyone who has to or would like to understand the fascinating world of structures.

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Review

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'Has someone ever urged you to "go back to first principles" but you could never find out what they were? Well, here is the book that will get you much, if not all, of the way there.' – *Structural Engineer*

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