



## Building Structures: understanding the basics (Paperback)

By Malcolm Millais

Taylor Francis Ltd, United Kingdom, 2017. Paperback. Condition: New. 3rd New edition. Language: English . Brand New Book. This is a one-stop book for knowing everything important about building structures. Self-contained and with no prerequisites needed, it is suitable for both general readers and building professionals. \* Follow the history of structural understanding; \* grasp the concepts of structural behaviour via step-by-step explanations; \* apply these concepts to a simple building; \* see how these concepts apply to real buildings, from Durham Cathedral to the Bank of China; \* use these concepts to define the design process; \* see how these concepts inform design choices; \* understand how engineering and architecture have diverged, and what effect this had; \* learn to do simple but relevant numerical calculations for actual structures; \* understand when dynamics are important; \* follow the development of progressive collapse prevention; \* enter the world of modern structural theory; \* see how computers can be used for structural analysis; \* learn how to organise and design a successful project. With more than 500 pages and over 1100 user-friendly diagrams, this book is a must for anyone who would like to understand the fascinating world of structures.



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