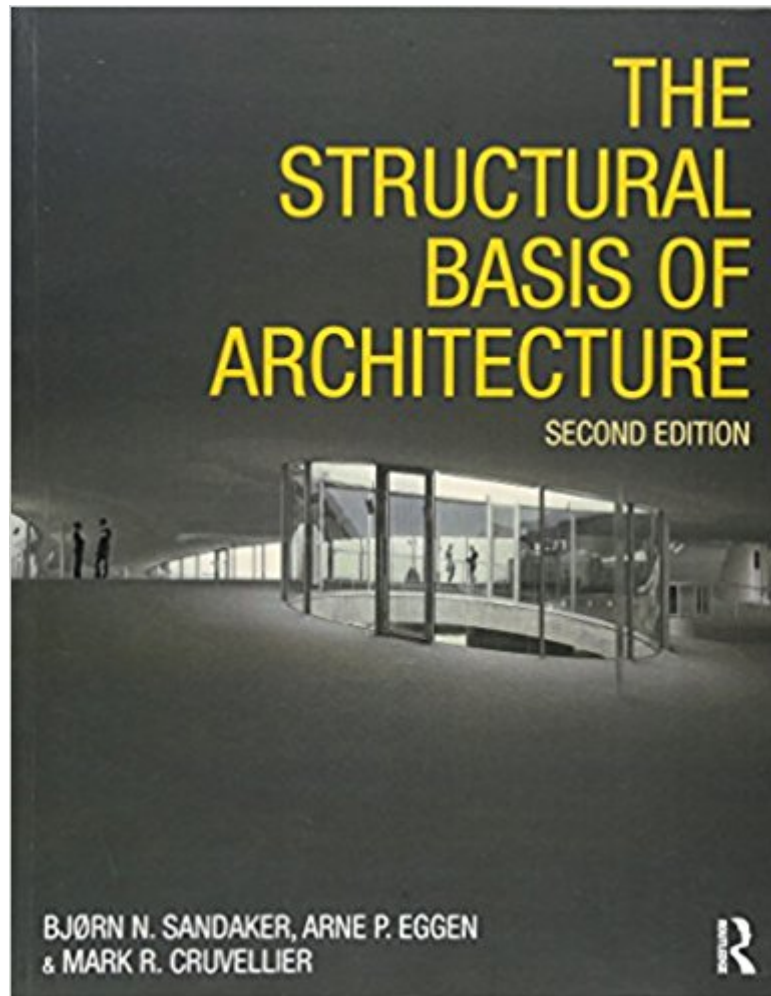




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# The Structural Basis Of Architecture



## Synopsis

This is a book about structures that shows students how to "see" structures as integral to architecture, and how knowledge of structures is the basis for understanding both the mechanical and conceptual aspects inherent to the art of building. Analyzing the structural principles behind many of the best known works of architecture from past and present alike, this book places the subject within a contemporary context. The subject matter is approached in a qualitative and discursive manner, and is illustrated by many photographs of architectural projects and structural behaviour diagrams. This new edition is revised and updated throughout, includes worked-out examples, and is perfect as either an introductory structures course text or as a designer's sourcebook for inspiration.

## Book Information

Paperback: 424 pages

Publisher: Routledge; 2 edition (February 17, 2011)

Language: English

ISBN-10: 0415415470

ISBN-13: 978-0415415477

Product Dimensions: 1 x 8.5 x 11 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars 5 customer reviews

Best Sellers Rank: #53,845 in Books (See Top 100 in Books) #80 in Books > Arts & Photography > Architecture > Drafting & Presentation #140 in Books > Textbooks > Humanities > Architecture

## Customer Reviews

"The book is a welcome addition to the resources available in the field of architectural structures. It is written from the viewpoint of the building, with all its needs and functions, and allows the design of the building to interact with the structural system and materials so that each informs the other. It should appeal particularly in the teaching environment, where students can be guided into an understanding of the interconnectedness of all the aspects of architectural design." – Peter R. Smith, Architectural Science Review

Bjørn N. Sandaker is a Structural Engineer and Professor of Architectural Technology at the Oslo School of Architecture and Design. Arne P. Eggen is an Architect and Emeritus Professor at the Oslo School of Architecture and Design. Mark R. Cruvellier is a Structural Engineer and Associate

Professor in the Department of Architecture at Cornell University.

I bought this book for my sister in law who is an Architect in Houston, TX. She uses it as a reference for work and requested this book by name for Christmas!

Not a boring reading at all. Suggest to read it before taking structure class.

It is a great book and it arrived very quickly. Great!

basic concepts of structure are explained with lots of recent modern buildings. I have tried to find lots of text book for second year students and can recommend it is the best.

Great!

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