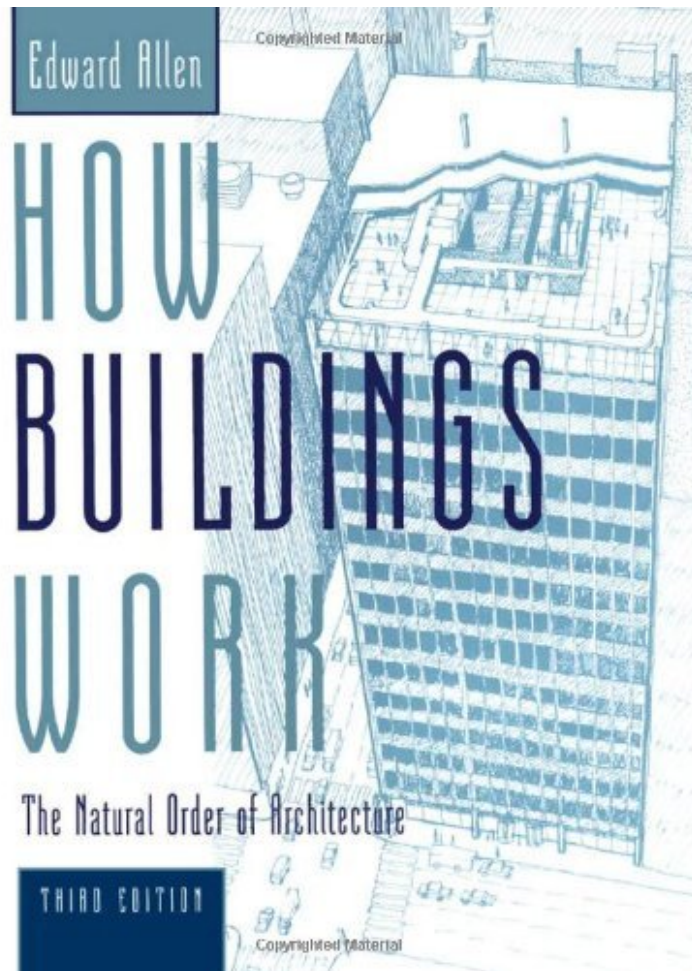


[Read ebook] How Buildings Work: The Natural Order of Architecture

# How Buildings Work: The Natural Order of Architecture

Von Edward Allen

\*Download PDF / ePub / DOC / audiobook / ebooks



DOWNLOAD



+

READ ONLINE

Produktinformation -Verkaufsrang: #1679176 in eBooksVerffentlicht am: 1980-05-15Erscheinungsdatum: 1980-05-15File Name: B000WLZXPO | File size: 69.Mb

**Von Edward Allen : How Buildings Work: The Natural Order of Architecture** before purchasing it in order to gage whether or not it would be worth my time, and all praised How Buildings Work: The Natural Order of Architecture:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. This is an excellent primer on architecture for anyone.Von Mike van Lammeren (mvanlamz@rocketship.com)Edward Allen clearly, thoroughly, and succinctly explains the basics of architecture to the average reader. He covers not only the materials and methods of construction, but introduces the theory, history, and philosophy of architecture. The reader's mind is filled with knowledge in short order, and is left delighted. Edward Allen is a rare gem of a teacher--someone who honestly understands a topic and can convey that knowledge. There are so many badly written, stuffy, elitist, and meaningless tomes on architecture, that this book stands almost alone. If you had to read only one book on architecture your whole life, then this is it. If you had to read two, then include "How Buildings Learn" by Stewart Brand.0 von 0

Kunden fanden die folgende Rezension hilfreich. recommended Von Ein Kunde Great book. Pictures aren't too cute or anything but there are a lot of them. I liked particularly how it started by talking about the sun which caught me in the right mood and breathed a little life into the book right away. I have some serious interest in architecture and this book is a good place to start I think.

Kurzbeschreibung Illustrated with hundreds of illuminating line drawings, this classic guide reveals virtually every secret of a building's function: how it stands up, keeps its occupants safe and comfortable, gets built, grows old, and dies--and why some buildings do this so much better than others. Drawing on things he's learned from the many buildings he himself designed (and in some cases built with his own hands), Edward Allen explains complex phenomena such as the role of the sun in heating buildings and the range of structural devices that are used for support, from trusses and bearing walls to post-tensioned concrete beams and corbeled vaults. He stresses the importance of intelligent design in dealing with such problems as overheating and overcooling, excessive energy use, leaky roofs and windows, fire safety, and noisy interiors. He serves up some surprises: thermal insulation is generally a better investment than solar collectors; board fences are not effective noise barriers; there's one type of window that can be left open during a rainstorm. The new edition emphasizes "green" architecture and eco-conscious design and construction. It features a prologue on sustainable construction, and includes new information on topics such as the collapse of the World Trade Center, sick building syndrome, and EIFS failures and how they could have been prevented. Allen also highlights the array of amazing new building materials now available, such as self-cleaning glass, photovoltaics, transparent ceramics, cloud gel, and super-high-strength concrete and structural fibers. Edward Allen makes it easy for everyone--from armchair architects and sidewalk superintendents to students of architecture and construction--to understand the mysteries and complexities of even the largest building, from how it recycles waste and controls the movement of air, to how it is kept alive and growing.

Pressestimmen "In clear and lucid prose--accompanied by delightful drawings--Ed Allen explains the intricacies of building performance and construction. This new edition of a classic guide will prove of interest to both students of architecture and lay persons alike." --Witold Rybczynski, University of Pennsylvania Professor of Architecture and author of *The Perfect House* Acclaim for previous editions: "Whether you're an armchair architect or are planning to design and build your own home, this book helps you grasp the basic concepts." --Popular Science "With its homespun drawings and offerings of architectural wisdom for lay readers, this book is like a Whole Earth Catalog building course.... By focusing primarily on housing, Allen lets readers clearly understand everything from lighting, comfort, and quiet to the basics of making a sturdy structure." --Library Journal "Well written, attractively illustrated with line drawings, and handsomely put together." --AIA Journal "With simple explanations and over 300 illustrations, Allen defines the true functions of buildings and gives advice on how to create a structure that will satisfy all your needs." --House Beautiful Building Manual "Explains in clear, non-technical language and by ingenious pictures, what buildings do and how they do it." --What's New in Building "In clear and lucid prose--accompanied by delightful drawings--Ed Allen explains the intricacies of building performance and construction. This new edition of a classic guide will prove of interest to both students of architecture and lay persons alike." --Witold Rybczynski, University of Pennsylvania Professor of Architecture and author of *The Perfect House* Acclaim for previous editions: "Whether you're an armchair architect or are planning to design and build your own home, this book helps you grasp the basic concepts." --Popular Science "With its homespun drawings and offerings of architectural wisdom for lay readers, this book is like a Whole Earth Catalog building course.... By focusing primarily on housing, Allen lets readers clearly understand everything from lighting, comfort, and quiet to the basics of making a sturdy structure." --Library Journal "Well written, attractively illustrated with line drawings, and handsomely put together." --AIA Journal "With simple explanations and over 300 illustrations, Allen defines the true functions of buildings and gives advice on how to create a structure that will satisfy all your needs." --House Beautiful Building Manual "Explains in clear, non-technical language and by ingenious pictures, what buildings do and how they do it." --What's New in Building "In clear and lucid prose--

