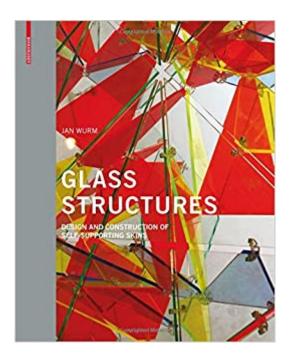


## The book was found

# **Glass Structures**





### Synopsis

Flat glass opens up more possibilities for the planner than virtually any other material. Because of the technological complexity of using it, however, no specific structural forms have been developed for glass supporting frameworks as they have been for wood, concrete, and steel. This book is thus the first to present a coherent guide to the planning and design of glass supporting frameworks. The focus is on the pressure-resistant, flat supporting element as a basic building block for broad supporting structures. The spatial and constructive forms of multifunctional, self-supporting glass envelopes are vividly illustrated and systematically explained. The constructions presented exhibit new aesthetic qualities, based not on the dictum of ""dematerialization but on the poetry of gleaming and transparent planes. They ring in a new chapter in the history of glass architecture.

#### **Book Information**

Hardcover: 255 pages Publisher: BirkhÃfÆ'à Ťuser Architecture; 1 edition (August 17, 2007) Language: English ISBN-10: 3764376082 ISBN-13: 978-3764376086 Product Dimensions: 9.2 x 0.9 x 11.9 inches Shipping Weight: 3.1 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars 1 customer review Best Sellers Rank: #1,513,185 in Books (See Top 100 in Books) #98 inà Å Books > Arts & Photography > Other Media > Glass #664 inà Å Books > Engineering & Transportation > Engineering > Reference > Architecture > Methods & Materials #3682 inà Å Books > Textbooks > Humanities > Architecture

#### **Customer Reviews**

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Jan Wurm works for Arup Materials and Arup Facade Engineering in London as an architect, designer, and project manager.

Glass technology has improved tremendously in recent years. This book, by Birkhauser, is another publication that documents possibilities of glass production and its design application. Material properties, both chemical and physical, are analyzed, then the book weaves into processing and

treatment that couldoccur on glass, to make it more compelling. Ample case studies are provided, both architectural and sculptural. Detail analysis on the glass treatment and innovative use of structuralsystem are given to each case study. Diagrams are superb. Prior to beginning a chapter summary diagramsare given, functioning almost as a previewing window box, to showgraphically what the themes of discussions ahead are. What I personally like about the book is that the book is open-ended, still seeking and pioneering possibilities of glass, thru sculpturalobjects, as a material for both innovative design and structural innovation.

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