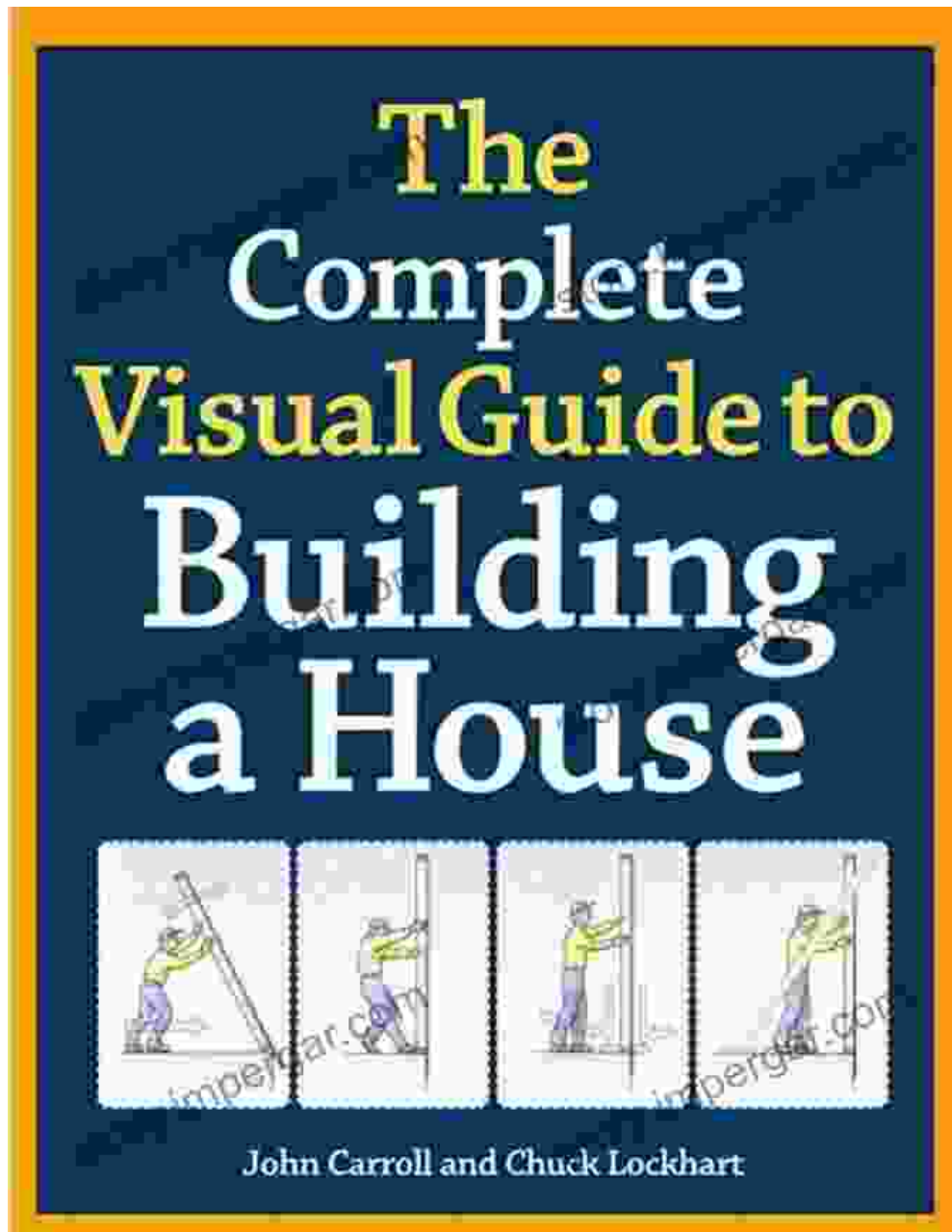


# Engineered Bamboo Structures

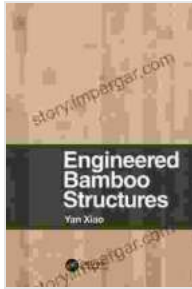
A Comprehensive Guide to Design and Construction

By Yan Xiao



Engineered Bamboo Structures by Yan Xiao

★★★★★ 5 out of 5



Language : English  
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Engineered Bamboo Structures is the most comprehensive guide to the design and construction of bamboo structures ever published. This groundbreaking book presents an in-depth exploration of the material properties and structural behavior of bamboo, as well as innovative design and construction techniques. With over 300 full-color illustrations, Engineered Bamboo Structures is a must-have resource for architects, engineers, builders, and students of sustainable construction.

Bamboo is a rapidly renewable resource that is both strong and flexible, making it an ideal material for sustainable construction. Engineered bamboo structures are designed to meet the same building codes as traditional wood structures, but they are more environmentally friendly and cost-effective.

Engineered Bamboo Structures provides a comprehensive overview of the design and construction of bamboo structures, from the selection of bamboo materials to the design of structural elements to the construction of finished projects. The book also includes case studies of real-world bamboo structures, such as the Bamboo Pavilion at the Beijing Olympics and the Bamboo Forest House in Japan.

Whether you are an architect, engineer, builder, or student of sustainable construction, Engineered Bamboo Structures is the essential guide to the design and construction of bamboo structures.

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- Material Properties and Structural Behavior of Bamboo
- Design of Structural Elements
- Construction of Finished Projects
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## About the Author

Yan Xiao is a professor of structural engineering at the University of California, Berkeley. He is a leading expert in the design and construction of bamboo structures. Dr. Xiao has published over 100 papers on the subject and has designed and built numerous bamboo structures around the world.

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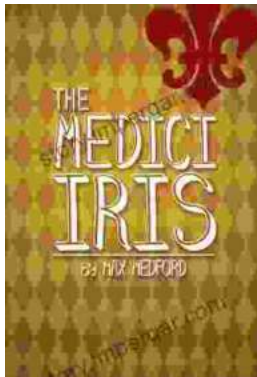
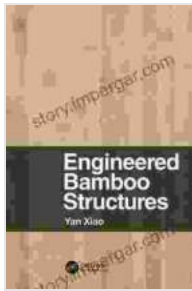
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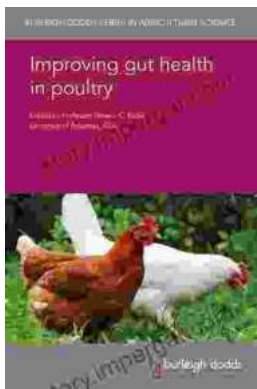
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