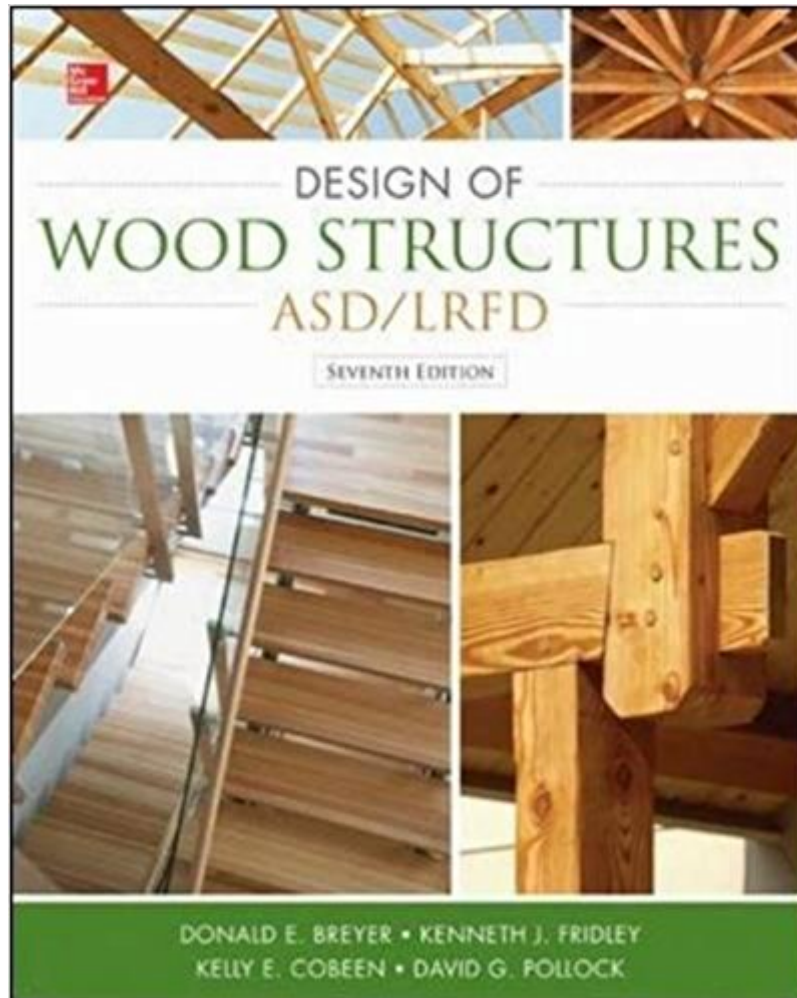




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Design Of Wood Structures-ASD/LRFD



Synopsis

THE DEFINITIVE WOOD STRUCTURE DESIGN GUIDE -- FULLY UPDATED Thoroughly revised to incorporate the latest codes and standards, the seventh edition of this comprehensive resource leads you through the complete design of a wood structure following the same sequence of materials and elements used in actual design. Detailed equations, clear illustrations, and practical design examples are featured throughout the text. THIS NEW EDITION: Conforms to the 2012 International Building Code (IBC) Addresses the new 2012 National Design Specification for Wood Construction (NDS) Contains dual-format Allowable Stress Design/Load and Resistance Factor Design (ASD/LRFD) specifications, equations, and problems Includes ASCE/SEI 7-10 load provisions DESIGN OF WOOD STRUCTURES--ASD/LRFD, SEVENTH EDITION, COVERS: Wood buildings and design criteria Design loads Behavior of structures under loads and forces Properties of wood and lumber grades Structural glued laminated timber Beam design Axial forces and combined loading Wood structural panels Diaphragms Shearwalls Wood connections Nailed connections Bolts, lag bolts, and other connectors Connection details and hardware Diaphragm-to-shearwall anchorage Advanced topics in lateral force design

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Janney, Elstner Associates, Inc., Emeryville, CA. Kenneth J. Fridley, Ph.D., Professor and Head, Department of Civil, Construction, and Environmental Engineering, University of Alabama, Tuscaloosa, Alabama. David G. Pollock, Ph.D., P.E., Professor, Department of Mechanical and Civil Engineering, George Fox University, Newberg, Oregon.

Used it to assist in design of a new roof for a house. So far, was able to take sample problems with solutions for fastener/connection design, create spreadsheets based on them, and verify solutions before plugging in numbers for my application. I expect it to be a valuable reference.

Excellent Book, is a Superb resource of information for those with no experience at all on Wood Structures.

It provides many step by step examples to reference when designing

Good book, too much read though.

Great reference book for wood structures.

I like this book and I rent it for my Timber class. I encourage having it for future reference or for work

Very thorough and understandable.

good book for any level user

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