



Steel Structures Stresses in Simple Structures, Vol. 1 (Classic Reprint) (Paperback)

By Leonard Church Urquhart

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Steel Structures Stresses in Simple Structures, Vol. 1 In preparing this work, the authors have sought clearly to set forth the fundamentals of stress calculation in simple structures, without complicating the discussion by frequent reference to the economics of design. They feel that the student, in seeking to apply the principles of mechanics to the various types of trusses and loadings, should not be confused by such references. Those considerations will be discussed in another volume on design. This volume is confined entirely to stresses in simple structures, for which both graphical and analytical analyses are given, except in those cases where the advantage of one method over the other is so great that the details of the more cumbersome method would serve no useful purpose. The graphical methods have, as far as possible, been separated from the analytical, so that each may be taken up separately if desired. The relation, however, between graphical and analytical methods is frequently mentioned. Both methods are illustrated by actual numerical problems in which the arithmetical work is made...



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