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Structural Design (Paperback)

By Allison B Koyoo

Publishamerica, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.In this book we are dealing with the structural design which will include analysis of the structures design. Both Structures of analysis and design of a material require separate explanations to come to its full understanding of it meaning. Engineering skills and methods of analyzing the performance and accuracy is an order to determine the required information on structural loads and properties of the material to be designed. The book is divided into eight chapters which covers some key fundamentals of structural design. In Chapter 1, it deals with both structural analysis and design: definition, types, classification, and processes of design and elements of the structure itself. In Chapter 2, The Reinforce concrete structure design: The concept and principles of reinforce concrete design, beam, column and formulas. Chapter 3, is the steel structure design: Steps to design steel beam, tension members, design strength of compression, beam and column design with steel. Chapter 4. Analysis and design of Steel Concrete: Born in Juba South Sudan 1967, I graduated from the University of Khartoum Sanitary Engineer, in 2002, and in 2014, Graduated...



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