



**Omar Chaallal**

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## REINFORCED CONCRETE STRUCTURES, 2nd EDITION

This book focuses on the analysis and design of reinforced concrete structural members in conformity with the 2014 version of the CSA A23.3 Canadian standard. Such members are often encountered in practice, particularly in buildings. This second edition considers all the changes brought into the 2014 CSA A23.3 Canadian standard. In addition, with respect to the first edition, two new chapters related to the design of walls and of prestressed concrete structures are introduced.

Using an original approach, the author presents the subject matter as clearly and effectively as possible. Each aspect is carefully illustrated and is the subject of a thorough theoretical development. This is followed by a step-by-step procedure for both design and verification, along with many fully developed numerical applications.

This book is intended for practicing engineers as well as for students of that field. Engineers will find a valuable and concise reference which complements the standards and other engineering tools for their daily tasks. Students will use it as a textbook on reinforced concrete structures presented in an original and easy-to-use format.

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