DESIGN OF COLD-FORMED STEEL STRUCTURES: EUROCODE 3: DESIGN OF STEEL STRUCTURES. PART 1-3 DESIGN OF COLD-FORMED STEEL STRUCTURES

ECCS - EUROPEAN CONVENTION FOR CONSTRUCTIONAL STEELWORK (EDITOR), ASSOCIACAO PORTUGUESA DE (EDITOR)

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DESCRIPTION

The book is concerned with design of cold-formed steel structures in building based on the Eurocode 3 package, particularly on EN 1993-1-3.

It contains the essentials of theoretical background and design rules for cold-formed steel sections and sheeting, members and connections for building applications.

Elaborated examples and design applications - more than 200 pages - are included in the respective chapters in order to provide a better understanding to the reader.

ABOUT THE AUTHOR

Dan Dubina is professor and head of the Department of Steel Structures and Structural Mechanics at the Politehnica University of Timisoara, Romania. He has published more than 400 scientific papers and 25 books in the field of cold-formed steel structures, steel structures in seismic areas, structural connections, and structural analysis. He is a member of the ECCS Technical Committees TC 7 (Cold Formed Thin Walled Sheet Steel in Building), TC 8 (Stability), TC 10 (Connections), and TC 13 (Seismic Design). He has been awarded with the ECCS European Steel Design Award twice.
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**Viorel Ungureanu** is associate professor at the Politehnica University of Timisoara, Romania. His research is focused on the field of steel structures and especially cold-formed thin-walled structures. He contributed to the translation of EN 1993-1-3 into Romanian and was part of the team which elaborated the Romanian National Annexes for this document. He is a member of the ECCS TC 7 (Cold Formed Thin Walled Sheet Steel in Building).

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