



## Design of Steel Structures , Volume 2 (9th Revised & Enlarged Edition)

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Scientific Publishers, 2013. Softcover. Book Condition: New. Eight edition of this book (July, 2006) is based on Bridge Rules (Adopted in 1941, Revised in 1964 and Reprinted in 1989), and IS: 800-1984 as amended in 1997. Authors have distributed present text in the edition in thirty two chapters [that is, in Four parts (1) Steel Bridges and Influence Lines Diagrams for axial forces for the members of different types of truss-girders, (2) Special Steel Structures (3) Analysis of Structures specially, the method of tension co-efficients for determinate and indeterminate structures, (4) Aluminium structures. In order to emphasize that similar to various other subjects, this subject is also very vast. Therefore, space steel structures and stressed-skin steel structures have been described special features of this new-edition of this book may be mentioned as under (1) Historical development of steel bridges details of some spans of longest spans of various types of steel bridges, (2) Design of Guyed Steel Chimneys (3) Instantaneous Centre of Rotation (ICR) and Plastic Analysis of Pitched slope (i.e., gable structure) and influences of axial forces and shear forces on the plastic moment of resistance of the member cross-sections. Contents: PART I (STEEL BRIDGES) 1...



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