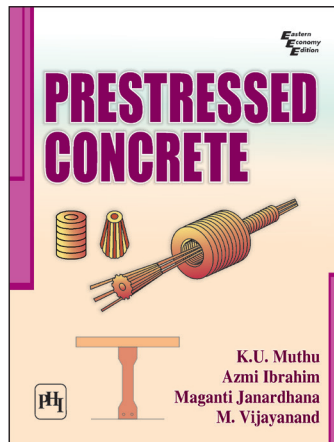


PRESTRESSED CONCRETE

K.U. MUTHU • AZMI IBRAHIM

MAGANTI JANARDHANA • M. VIJAYANAND

New



Eastern
Economy
Edition

THE BOOK

The book begins with a brief introduction, helping the reader to understand the fundamentals of stress concept and prestressed concrete systems. The discussion then follows to explain the computation of different losses and estimation of ultimate flexural and shear strength. Important codal provisions viz. IS1343-2012, Eurocode EN2 and BSEN-1:2004 are followed in this text. For clear understanding of the materials, the text is supported by a good number of figures and tables. Besides covering the important topics on design and analysis of anchorage zone stresses and analysis of continuous beam, the book also discusses composite construction and circular prestressing.

The book is designed as a textbook for the senior level undergraduate and postgraduate students of civil engineering and construction technology.

KEY FEATURES

- Contains several solved numerical example for better understanding of the various aspects of design principles
- Provides summary at the end of each chapter highlighting the important points
- Gives a number of Review Questions and MCQs along with unsolved Numerical Problems wherever required

THE AUTHORS

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