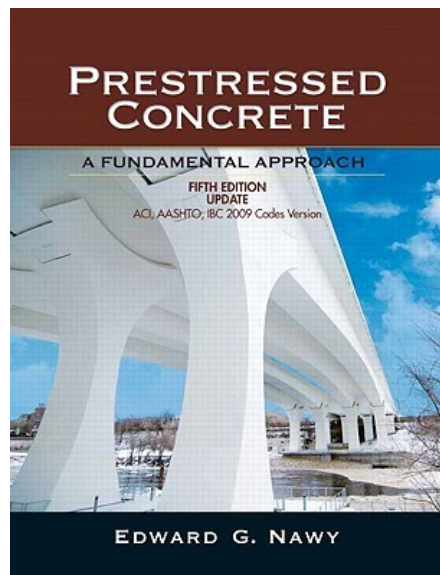




Prestressed Concrete: A Fundamental Approach

Edward G. Nawy

[Download now](#)

[Read Online](#) ➔

Prestressed Concrete: A Fundamental Approach

Edward G. Nawy

Prestressed Concrete: A Fundamental Approach Edward G. Nawy

Completely revised to reflect the new ACI 318-05 Building Code and International Building Code, IBC 2000 and its 2002 modifications, this popular book offers a unique approach to examining the design of prestressed concrete members in a logical, step-by-step trial and adjustment procedure. Integrates handy flow charts to help readers better understand the steps needed for design and analysis. Includes a revised chapter containing the latest ACI and AASHTO Provisions on the design of post-tensioned beam end anchorage blocks using the strut-and-tie approach in conformity with ACI 318-05 Code. Offers a new complete section with two extensive design examples using the strut-and-tie approach for the design of corbels and deep beams. Features an addition to the elastic method of design, with comprehensive design examples on LRFD and Standard AASHTO designs of bridge deck members for flexure, shear and torsion, conforming to the latest AASHTO 2003 specifications. Includes a revised chapter on slender columns, including a simplified load-contour biaxial bending method which is easier to apply in design, using moments rather than loads in the reciprocal approach. A useful construction reference for engineers.

Prestressed Concrete: A Fundamental Approach Details

Date : Published August 1st 2009 by Pearson (first published December 31st 1989)

ISBN : 9780136081500

Author : Edward G. Nawy

Format : Hardcover 976 pages

Genre :

 [Download Prestressed Concrete: A Fundamental Approach ...pdf](#)

 [Read Online Prestressed Concrete: A Fundamental Approach ...pdf](#)

Download and Read Free Online Prestressed Concrete: A Fundamental Approach Edward G. Nawy

From Reader Review Prestressed Concrete: A Fundamental Approach for online ebook

Suhu says

Prestressed Concrete is the solution of all long-spanning beam, headroom problem, columnless building. This book covers the essence of design a prestressed concrete structural members. However, it is advised to have basic understanding of how reinforced concrete works since the author seemed to assume that the reader is already familiar with building and construction science.

Overall, it was a great textbook. Some called it textbook, some called it reference book, yet, it is my bible.

Children, please read under parent's supervision, or you will end up like me, a civil engineer.
