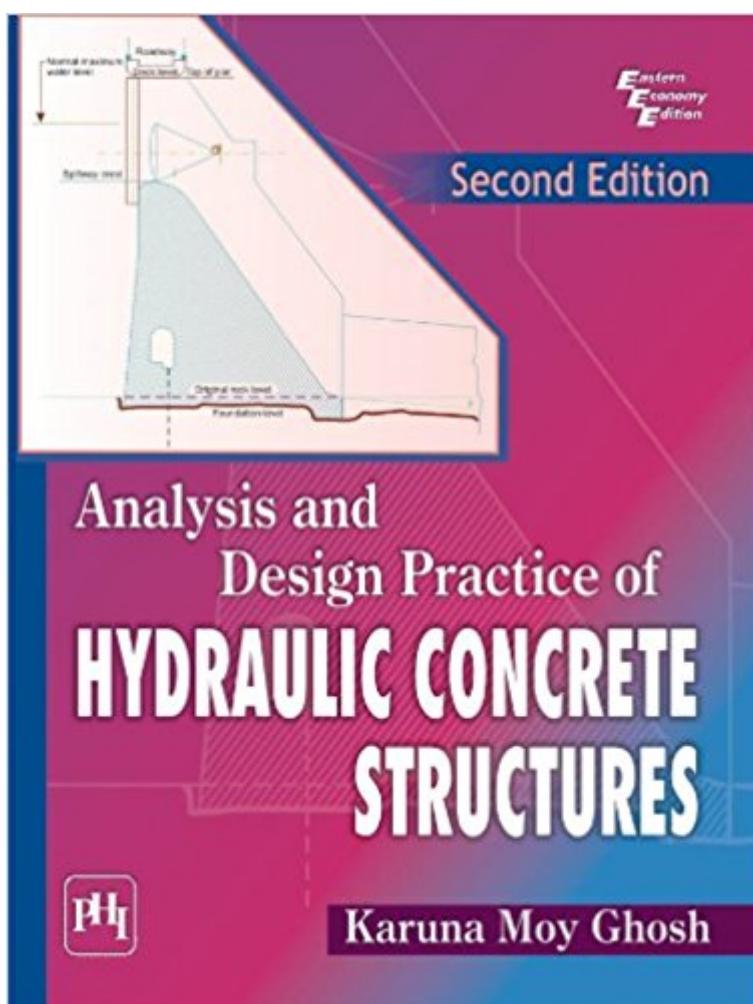


The book was found

# Analysis And Design Practice Of Hydraulic Concrete Structures



## Synopsis

This Second Edition incorporates another type of hydraulic structure, namely spillway. The spillway structure plays a vital role in regulating the designed reservoir water level to meet the fluctuating demand of water supply for the generation of hydroelectricity, irrigation and water supply purposes in controlling the height of reservoir water level downstream of the river. The spillway structure subjected to seismic hydrodynamic pressure in addition to the hydrostatic pressure, has been analysed and designed in full compliance with Eurocodes EC 2: Part 1 1 and Part 3 as water-retaining structure. The other six structures have been analysed and designed with reference to the relevant clauses of codes of practice prescribed in Eurocodes 2 and BS 8007 and BS 8110. The book is designed to serve as a useful practical guide and a valuable reference for senior undergraduate students of civil engineering and postgraduate students specializing in structural design, as well as practising and consulting engineers involved in the design and execution of hydraulic concrete structures.

## Book Information

Paperback: 180 pages

Publisher: PHI Learning; 2nd edition edition (April 16, 2013)

Language: English

ISBN-10: 8120345940

ISBN-13: 978-8120345942

Product Dimensions: 7 x 0.4 x 9.2 inches

Shipping Weight: 8 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,181,271 in Books (See Top 100 in Books) #116 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete #7875 in Books > Science & Math > Technology

## Customer Reviews

KARUNA MOY GHOSH CEng, FIStructE (London), MIE (India) Civil Engineering, formerly Chief Structural Engineer in Kaiser Engineers, Inc., and also Mott MacDonald Group (UK), and W.S. Atkins & Partners (India), served for more than forty years in the field of civil and structural engineering gaining vast experience in teaching, management of design office and execution of various projects both in the UK and overseas. He is the author of three other books on structural engineering, namely Foundation Design in Practice, Practical Design of Reinforced Concrete

Structures, and Analysis and Design Practice of Steel Structures, all published by PHI Learning.

Very good book.

[Download to continue reading...](#)

Analysis and Design Practice of Hydraulic Concrete Structures The Hydraulics Manual: Includes Hydraulic Basics, Hydraulic Systems, Pumps, Hydraulic Actuators, Valves, Circuit Diagrams, Electrical Devices, Troubleshooting and Safety (Mechanics and Hydraulics) An Introduction to Seismic Design Criteria for Concrete Hydraulic Structures Swelling Concrete in Dams and Hydraulic Structures: DSC 2017 Prestressed Concrete Transmission Pole Structures: Recommended Practice for Design and Installation (Asce Manual and Reports on Engineering Practice) Reinforced Concrete Structures: Analysis and Design, Second Edition (P/L Custom Scoring Survey) Design and Analysis of Composite Structures: With Applications to Aerospace Structures Diseno y calculo de estructuras de concreto reforzado/ Design and calculation of reinforced concrete structures: Por Resistencia Maxima Y Servicio/ for Maximum Strength and Service (Spanish Edition) Concrete for Underground Structures: Guidelines for Design and Construction Design of Concrete Structures (Civil Engineering) DESIGN OF REINFORCED CONCRETE STRUCTURES Design of Concrete Structures Practical Design of Reinforced Concrete Structures Finite-Element Design of Concrete Structures, 2nd edition Proportioning Concrete Mixtures and Mixing and Placing Concrete (Classic Reprint) RSMeans Concrete and Masonry Cost Data 2014 (Means Concrete & Masonry Cost Data) ACI 318.2-14: Building Code Requirements for Concrete Thin Shells (ACI 318.2-14) and Commentary on Building Code Requirements for Concrete Thin Shells (ACI 318.2R-14) Concrete, From Archeology to Invention, 1700â€“1769: The Renaissance of Pozzolana and Roman Construction Techniques (Treatise on Concrete) Fracture Mechanics of Concrete: Applications of Fracture Mechanics to Concrete, Rock and Other Quasi-Brittle Materials Black & Decker The Complete Guide to Concrete & Masonry, 4th Edition: Build with Concrete, Brick, Block & Natural Stone (Black & Decker Complete Guide)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)