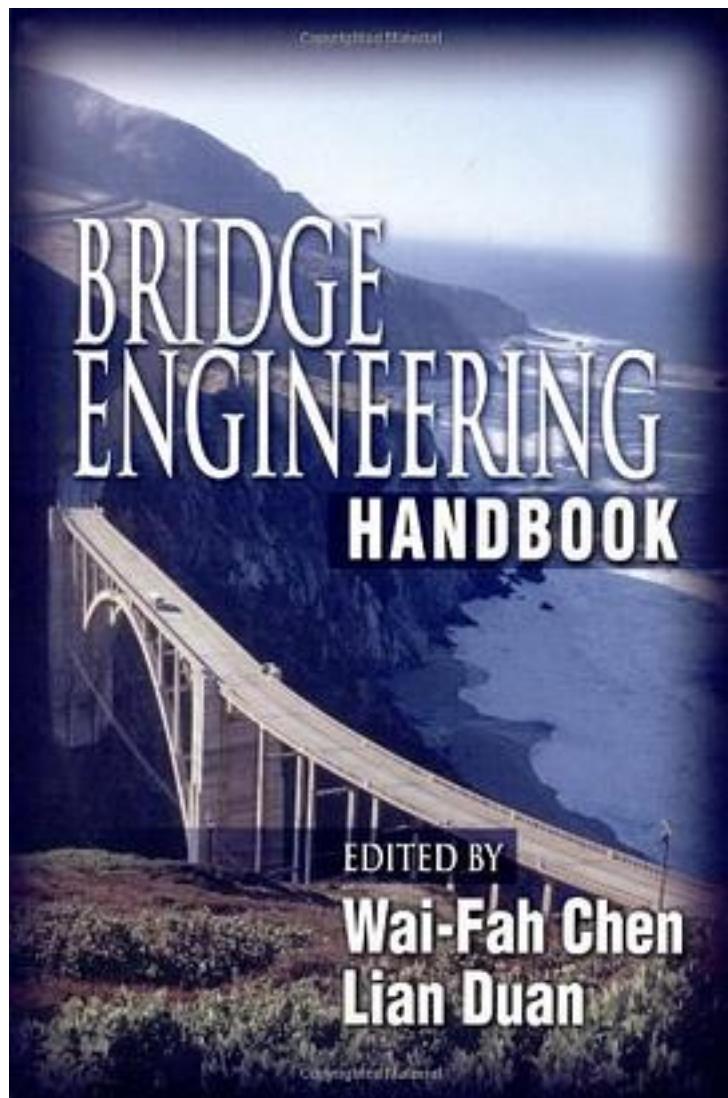


# Bridge Engineering Handbook



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An international team of experts has joined forces to produce the "Bridge Engineering Handbook". They address all facets - the planning, design, inspection, construction, and maintenance of a variety of bridge structures - creating a must-have resource for every bridge engineer. This unique, comprehensive reference provides the means to review standard practices and keep abreast of new developments and state-of-the-art practices. Comprising 67 chapters in seven sections, the authors present: Fundamentals: Provides the basic concepts and theory of bridge engineering; Superstructure Design: Discusses all types of bridges; Substructure Design: Addresses columns, piers, abutments, and foundations; Seismic Design: Presents the latest in seismic bridge design; Construction and Maintenance: Focuses on the practical issues of bridge structures; Special Topics: Offers new and important information and unique solutions; and Worldwide Practice: Summarizes bridge engineering practices around the world. You can discover virtually all you need to know about any type of bridge: Reinforced, Segmental, and Prestressed Concrete Steel beam and plate girder, Steel box girder, Orthotropic deck, Horizontally curved Truss, Arch Suspension, Cable-stayed Timber, and Movable Floating Railroad. Special attention is given to rehabilitation, retrofit, and maintenance, and the "Bridge Engineering Handbook" offers over 1,600 tables, charts, and illustrations in ready-to-use format. An abundance of worked-out examples give readers step-by-step design procedures and the section on Worldwide Practice provides a broad and valuable perspective on the 'big picture' of bridge engineering.

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