

Handbook of Hydraulics

By Ernest Brater, Horace King, James Lindell, C. Wei

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Editorial Review

From the Back Cover
The definitive reference. . .now completely updated to reflect the latest advances in hydraulic engineering Continuing its traditon of excellence as the standard reference on hydraulics for more than 75 years, this seminal work has been thoroughly revised and updated to help practicing engineers solve hydraulic engineering problems well into the next century. Packed with current and dependable data, tables, formulas, and other crucial information that generations of professionals have come to rely on, the Seventh Edition contains many valuable new features, including: An extensive listing of computer software programs--over 150 in all--to help speed computations, analyses, and solutions of modern hydraulic engineering problems. Included is a description of each program's capabilities, availability, and cost. General discussion of the ways in which computer techonology is playing an increasingly important role in solving problems related to unsteady flow in open channels and conduits. . .pipe networks. . .spillways. . .sediment transport. . .shallow surface water. . .water quality. . .reservoir dynamics. . .hydrodynamic transport in rivers. . .coastal hydraulics. . .flow through porous media. . .hydraulic turbine units and draft tubes. . .and much more. Conversion to metric units throughout. . .many updated numerical examples showing applications to real-world problems. . .and a wealth of key analytical background material. This classic handbook is, now more than ever, an indispensible reference for every engineer who wants to save time and effort making accurate hydraulics computations.

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