

Fundamentals of Hydraulic Engineering Systems

Fourth Edition



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recommended reading and references There are further problems as a useful resource for students to tackle and exercises to enable students to assess their understanding The numerical answers to these are at the back of the book and solutions are available to download from the books companion website *Fundamentals of Hydraulic Engineering Systems* Robert J. Houghtalen, A. Osman Akan, Ned H. C. Hwang, 2010 *Fundamentals of Hydraulic Engineering Systems* Fourth Edition is a very useful reference for practicing engineers who want to review basic principles and their applications in hydraulic engineering systems This fundamental treatment of engineering hydraulics balances theory with practical design solutions to common engineering problems The author examines the most common topics in hydraulics including hydrostatics pipe flow pipelines pipe networks pumps open channel flow hydraulic structures water measurement devices and hydraulic similitude and model studies Chapters dedicated to groundwater deterministic hydrology and statistical hydrology make this text ideal for courses designed to cover hydraulics and hydrology in one semester *Hydraulics of Dams and Reservoirs* Fuat Şentürk, 1994

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