1. Record Nr. UNISALENTO991003219039707536 Autore Akan, A. Osman Titolo Open channel hydraulics [e-book] / A. Osman Akan Pubbl/distr/stampa Amsterdam; Boston: Elsevier/BH, 2006 **ISBN** 9780750668576 0750668571 x, 364 p.: ill.; 26 cm Descrizione fisica 627.042 Disciplina Soggetti Channels (Hydraulic engineering) **Hydraulics** Electronic books. Lingua di pubblicazione Inglese **Formato** Risorsa elettronica Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index 1. FUNDAMENTALS OF OPEN CHANNEL FLOW -- 2. ENERGY AND Nota di contenuto MOMENTUM PRINCIPLES -- 3. NORMAL FLOW -- 4. GRADUALLY VARIED FLOW -- 5. DESIGN OF OPEN CHANNELS -- 6. HYDRAULIC STRUCTURES -- 7. BRIDGE HYDRAULICS -- 8. INTRODUCTION TO UNSTEADY OPEN-**CHANNEL FLOW** Sommario/riassunto Open Channel Hydraulics is written for undergraduate and graduate civil engineering students, and practicing engineers. Written in clear and simple language, it introduces and explains all the main topics required for courses on open channel flows, using numerous worked examples to illustrate the key points. With coverage of both introduction to flows, practical guidance to the design of open channels, and more advanced topics such as bridge hydraulics and the problem of scour, Professor Akan's book offers an unparalleled userfriendly study of this important subject Clear and simple style suited for undergraduates and graduates alike Many solved problems and worked examples Practical and accessible guide to key aspects of open

channel flow