

1. Record Nr.	UNINA9910141494903321
Titolo	Numerical methods [[electronic resource] /] / edited by Jean-Michel Tanguy
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, 2010
ISBN	1-118-55787-5 1-299-18709-9 1-118-58830-4 1-118-58825-8
Descrizione fisica	1 online resource (400 p.)
Collana	Environmental hydraulics ; ; v. 3
Altri autori (Persone)	TanguyJean-Michel <1951->
Disciplina	627 627.0151
Soggetti	Environmental hydraulics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Adapted and updated from two volumes, Traite d'hydraulique environnementale 5 et 6, France : Hermes Science/Lavoisier, 2009."
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	pt. 1. General considerations concerning numerical tools -- pt. 2. Discretization methods -- pt. 3. Introduction to data assimilation.
Sommario/riassunto	This series of five volumes proposes an integrated description of physical processes modeling used by scientific disciplines from meteorology to coastal morphodynamics. Volume 1 describes the physical processes and identifies the main measurement devices used to measure the main parameters that are indispensable to implement all these simulation tools. Volume 2 presents the different theories in an integrated approach: mathematical models as well as conceptual models, used by all disciplines to represent these processes. Volume 3 identifies the main numerical methods used in all these scientif