1.

Record Nr.	UNINA9910306634003321
Autore	Newman J. N
Titolo	Marine Hydrodynamics
Pubbl/distr/stampa	Cambridge, : The MIT Press, 2018
ISBN	0-262-53482-7
Descrizione fisica	1 online resource (448)
Disciplina	623.8/12
Soggetti	Mechanical engineering
	Offshore engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Sommario/riassunto

A textbook that offers a unified treatment of the applications of hydrodynamics to marine problems.The applications of hydrodynamics to naval architecture and marine engineering expanded dramatically in the 1960s and 1970s. This classic textbook, originally published in 1977, filled the need for a single volume on the applications of hydrodynamics to marine problems. The book is solidly based on fundamentals, but it also guides the student to an understanding of engineering applications through its consideration of realistic configurations. The book takes a balanced approach between theory and empirics, providing the necessary theoretical background for an intelligent evaluation and application of empirical procedures. It also serves as an introduction to more specialized research methods. It unifies the seemingly diverse problems of marine hydrodynamics by examining them not as separate problems but as related applications of the general field of hydrodynamics. The book evolved from a first-year graduate course in MIT's Department of Ocean Engineering. A knowledge of advanced calculus is assumed. Students will find a previous introductory course in fluid dynamics helpful, but the book presents the necessary fundamentals in a self-contained manner. The 40th anniversary of this pioneering book offers a foreword by John Grue.Contents Model Testing • The Motion of a Viscous Fluid • The Motion of an Ideal Fluid • Lifting Surfaces • Waves and Wave Effects •

2.

Record Nr.	UNICAMPANIAVAN0123880
Autore	Wallach, Nolan R.
Titolo	Geometric Invariant Theory : Over the Real and Complex Numbers / Nolan R. Wallach
Pubbl/distr/stampa	Cham, : Springer, 2017
Titolo uniforme	Geometric Invariant Theory
Descrizione fisica	xiv, 190 p. : ill. ; 24 cm
Soggetti	14-XX - Algebraic geometry [MSC 2020] 14L24 - Geometric invariant theory [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia