1. Record Nr. UNINA9910717266503321

Titolo	NASA : preliminary observations on the management of space telescopes: testimony before the Subcommittee on Space, Committee on Science, Space, and Technology, House of Representatives / / statement of Cristina T. Chaplain
Pubbl/distr/stampa	Preliminary observations on the management of space telescopes.
Descrizione fisica	1 online resource (16 pages) : color illustration
Collana	Testimony ; ; GAO-18-277T
Soggetti	Space telescopes - United States - Management Telescopes spatiaux - Etats-Unis - Gestion
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"For release on delivery... Wednesday, December 6, 2017."
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9911049210003321

Autore	Du Peng
Titolo	Internal Wave Hydrodynamics on Submersibles : Volume 1: Interactions Between Internal Waves and Structures / / by Peng Du, Chao Wang, Sen Zhao, Jun Wen, Luo Xie, Haibao Hu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2026
ISBN	981-9544-79-3
Edizione	[1st ed. 2026.]
Descrizione fisica	1 online resource (196 pages)
Collana	Engineering Series
Disciplina	620.1064
Soggetti	Fluid mechanics Marine engineering Engineering Fluid Dynamics Marine Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Preface -- Chapter 1 Introduction -- Chapter 2 Internal wave theory -- Chapter 3 Numerical methods and validations -- Chapter 4 Interaction between strongly-stratified internal wave and submersible -- Chapter 5 Interaction between continuously-stratified internal wave and submersible -- Chapter 6 Influences of stratified structure and internal waves on propeller -- Chapter 7 Influences of internal waves on rudder -- Chapter 8 Self propulsion experiments of submersible under the action of internal waves -- Chapter 9 Concluding remarks -- Appendix.
Sommario/riassunto	This series of books focuses on the internal wave hydrodynamic effects on submersibles. As the first book in the series, it specifically studies the patterns and mechanisms of interaction between internal waves and submersibles. Internal waves are widely-present in the stratified ocean and are a type of nonlinear, large-amplitude wave phenomenon. Submersibles are highly likely to encounter internal waves during underwater operations, which can severely affect the stability and hydrodynamic load characteristics of the submersibles, and may even lead to instability and loss of control. This book deeply investigates the effects of depth, wave amplitude, and speed on the motion response

and load of submersibles under the action of internal waves, analyzes the impact of internal waves on the efficiency of appendages such as propellers and rudders, and carries out self-propulsion experiments for verification. This book fully reveals the patterns and mechanisms of interaction between internal waves and submersibles, and can be used by researchers and students in the field of marine engineering. The methods used and the conclusions drawn are of great value to the design of underwater vehicles and the industry dealing with the effects of marine environments.