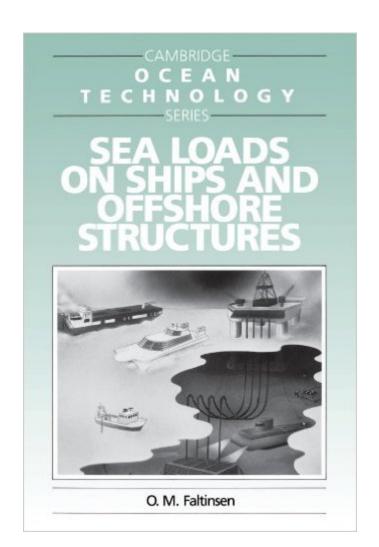
The book was found

# Sea Loads On Ships And Offshore Structures (Cambridge Ocean Technology Series)





## Synopsis

The book introduces the theory of the structural loading on ships and offshore structures caused by wind, waves and currents, and goes on to describe the applications of this theory in terms of real structures. The main topics described are linear-wave induced motions, loads on floating structures, numerical methods for ascertaining wave induced motions and loads, viscous wave loads and damping, stationkeeping and water impact and entry. The applications of the theoretical principles are introduced with extensive use of exercises and examples. They include conventional ships, barges, high speed marine vehicles, semisubmersibles, tension leg platforms, moored or dynamic positioned ships, risers, buoys, fishing nets, jacket structures and gravity platforms. One aim of the book is to provide a physical understanding through simplified mathematical models. In this way one can develop analytical tools to evaluate results from test models, full scale trials or computer simulation, and learn which parameters represent the major contributions and influences on sea loads.

### **Book Information**

Series: Cambridge Ocean Technology Series (Book 1) Paperback: 340 pages Publisher: Cambridge University Press; Reprint edition (September 24, 1993) Language: English ISBN-10: 0521458706 ISBN-13: 978-0521458702 Product Dimensions: 6 x 0.8 x 9 inches Shipping Weight: 1.3 pounds (View shipping rates and policies) Average Customer Review: 5.0 out of 5 stars Â See all reviews (7 customer reviews) Best Sellers Rank: #839,717 in Books (See Top 100 in Books) #71 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Drilling Procedures #114 in Books > Engineering & Transportation > Engineering > Marine Engineering #235 in Books > Engineering & Transportation > Engineering > Mechanical > Hydraulics

### **Customer Reviews**

Excellent reference for those interested in the classical hydrodynamic subjects. This book does not aim on those who have never had contact with this subject before, but it is an excellent reference, written by one of the great authors in the area, for someone who has the basic foundations of potential hydrodynamics. After many years in industry I have joined the ranks of university lecturers. I have found this book the best source for teaching floating structure responses out there!John HalkyardContributing Author, Handbook of Offshore Engineering

A must read book I must say for all Offshore Engineers. I thoroughly enjoyed reading it. The concepts are treated in a lucid way. Overall a great book to own and read.

This book gives all the basics and advanced calculations and type of sea loads on ships and offshore. if you are thinking about buying this book and you want to use is it as material for enriching your knowledge in sea loads on structure. be aware of a little bit advanced maths and fluid notions may be needed for better understanding.

#### Download to continue reading...

Sea Loads on Ships and Offshore Structures (Cambridge Ocean Technology Series) Minimum Design Loads for Buildings and Other Structures, 3rd Printing (Standard ASCE/SEI 7-10) Tax Planning With Offshore Companies & Trusts - The A-Z Guide (Offshore Tax Series Book 3) Sea Shell Coloring Book: An Adult Coloring Book of 40 Zentangle Sea Shell Designs for Ocean, Nautical, Underwater and Seaside Enthusiasts (Ocean Coloring Books) (Volume 5) Offshore Tax Evasion: IRS Offshore Voluntary Disclosure Program The Nature of Florida's Ocean Life : Including Coral Reefs, Gulf Stream, Sargasso Sea, and Sunken Ships Nautical: Ocean Coloring Books in all Departments; Adult Coloring Books Ocean Life in al; Coloring Books for Adults Ocean Animals in al; Coloring ... in al; Coloring Books for Adults Disney in al Springtime by the Seashore Lighthouses, Whales, Waves, Seagulls Colouring Book: Ocean Coloring Books in al; Coloring Books Ocean in al; Coloring Books ... in al; Coloring books Ocean for Kids in al; Creative Oceans Coloring Book: Adult Coloring Book of Stress Relief Sea Animal Patterns and Designs (Ocean Coloring Book, Lost Ocean, Stress Relief Coloring Book, Anti Stress Coloring Book) (Volume 1) British Warship Recognition: The Perkins Identification Albums: Volume II: Armored Ships 1860-1895, Monitors and Aviation Ships 101 Things to Do Outside: Loads of fantastically fun reasons to get up, get out, and get active! Sixgun Cartridges & Loads Anatomy of Orofacial Structures - Enhanced Edition: A Comprehensive Approach, 7e (Anatomy of Orofacial Structures (Brand)) Anatomy of Orofacial Structures, 7e (Anatomy of Orofacial Structures (Brand)) Cambridge International AS and A Level Travel and Tourism (Cambridge International Examinations) Cambridge International AS and A Level Computer Science Coursebook (Cambridge International Examinations) The Cambridge

Companion to Jewish Music (Cambridge Companions to Music) Cambridge IGCSE® Business Studies Coursebook with CD-ROM (Cambridge International IGCSE) The Cambridge Companion to Greek Tragedy (Cambridge Companions to Literature) The Cambridge Companion to the Modern Gothic (Cambridge Companions to Literature)

<u>Dmca</u>