

1. Record Nr.	UNINA9910457988103321
Titolo	Practical design of ships and other floating structures [[electronic resource]] : proceedings of the Eighth International Symposium on Practical Design of Ships and Other Floating Structures, 16-21 September, 2001, Shanghai, China. Vol. 1 // edited by You-Sheng Wu, Wei-Cheng Cui, and Guo-Jun Zhou
Pubbl/distr/stampa	Amsterdam ; ; New York, : Elsevier, 2001
ISBN	1-281-07226-5 9786611072261 0-08-053935-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (721 p.)
Collana	Practical design of ships and other floating structures : proceedings of the Eighth International Symposium on Practical Design of Ships and Other Floating Structures, 16-21 September, 2001, Shanghai, China
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Disciplina	623.8/1
Soggetti	Naval architecture Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Front Cover; Practical Design of Ships and Other Floating Structures; Copyright Page; Preface; CONTENTS; PLENARY LECTURES; Maritime Safety Culture and Development of Ship and Offshore Installations Design Standards in the 21 st Century; Structural Safety of Ships; Shipping Industry in the 21st Century; PART 1: DESIGN SYNTHESIS FOR SHIPS AND FLOATING SYSTEMS; CHAPTER 1. LIFE CYCLE COST AND SHIPPING SYSTEM; A Consideration of Life Cycle Cost of a Ship; The Experiment of River-Sea-Going Ore Barge Fleet and Renovation of Existing Integrated Barge; CHAPTER 2. DESIGN OPTIMISATION Optimization of a Wave Cancellation Multihull Ship Using CFD ToolsA Module-Oriented Optimization Tool; The Fine Optimization of Ship Hull Lines in Resistance Performance by Using CFD Approach; CHAPTER 3. HULL FORM DESIGN; Parametric Hull Form Design - A Step Towards

One Week Ship Design; Mission Based Hydrodynamic Design of a Hydrographic Survey Vessel; Hull Form Design of a Passenger Catamaran for Operation in the Yellow Sea Region; Hull Form Design of Cargo Ship in Shallow and Strong Current Waterways; CHAPTER 4. NOVEL SHIP CONCEPTS - HIGH SPEED VESSELS
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CHAPTER 6. FLOATING PRODUCTION SYSTEMS; Design Recommendations from the FPSO - Fatigue Capacity JIP; Design of FPSOs Based on Maneuvering Stability; Extreme Response and Fatigue Damage of Ship-Shaped FPSO; CHAPTER 7. VERY LARGE FLOATING STRUCTURES (I); An Investigation into Wave Induced Drift Forces and Motions of Very Large Floating Structures; A Study on the Horizontally Dynamic Behavior of a VLFS Supported with Dolphins
Experimental Study on the Hydroelastic Response Characteristics of a Pontoon Type Floating Structure
CHAPTER 8. VERY LARGE FLOATING STRUCTURES (II); Simulation Study on Coastal Ecosystem Around a Very Large Floating Structure in Tokyo Bay; Effects of a Draft on Hydroelastic Responses of a Pontoon Type Very Large Floating Structure; A Study on Deck Wetness and Slamming of Very Large Floating Structures; CHAPTER 9. SAFETY ASSESSMENT; Probabilistic Analysis Tools for Surface Ships Under Seaway and Extreme Dynamic Loads
Comprehensive Fuzzy Approach in Hazard Identification of Formal Safety Assessment (FSA)

Sommario/riassunto

This proceedings contains the papers presented at The 8th International Symposium on Practical Design of Ships and Other Floating Structures held in China in September 2001 - the first PRADS of the 21st Century. The overall aim of PRADS symposia is to advance the design of ships and other floating structures as a professional discipline and science by exchanging knowledge and promoting discussion of relevant topics in the fields of naval architecture and marine and offshore engineering. In line with the aim, in welcoming the new era, this Symposium is intended to increase intern
