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Titolo	Handbook of offshore engineering [e-book] / [edited by] Subrata K. Chakrabarti
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Descrizione fisica	2 v. (xx, 1278 p.) : ill. (some col.), maps ; 25 cm
Altri autori (Persone)	Chakrabarti, Subrata Kumar
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Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Historical Development of Offshore Structures; Novel and Marginal Offshore Structures; Ocean Environment; Loads and Responses; Statistical Design of Offshore Structure; Fixed Structure Design; Floating Structure Design; Mooring, Cables & Anchoring; Drilling & Production Risers & Tendon Systems; Topside Structure; Pipeline Design ; Design for Reliability: Human and Organizational Factors; Physical Modeling of Offshore Structures; Installation & Field Operations; Materials for Offshore Applications; Geophysical and Geotechnical Design
Sommario/riassunto	<P> * Each chapter is written by one or more invited world-renowned experts * Information provided in handy reference tables and design charts * Numerous examples demonstrate how the theory outlined in the book is applied in the design of structures Tremendous strides have been made in the last decades in the advancement of offshore exploration and production of minerals. This book fills the need for a practical reference work for the state-of-the-art in offshore engineering. All the basic background material and its application in offshore engineering is covered. Particular emphasis is placed in the application of the theory to practical problems. It includes the practical aspects of the offshore structures with handy design guides, simple description of the various components of the offshore engineering and

their functions. The primary purpose of the book is to provide the important practical aspects of offshore engineering without going into the nitty-gritty of the actual detailed design. Provides all the important practical aspects of ocean engineering without going into the nitty-gritty' of actual design details Simple to use - with handy design guides, references tables and charts Numerous examples demonstrate how theory is applied in the design of structures
