1. Record Nr. UNISALENTO991002711909707536

Autore	Pytheas : Massiliensis
Titolo	Pytheas von Massalia / collegit Hans Joachim Mette
Pubbl/distr/stampa	Berlin : De Gruyter, 1952
Descrizione fisica	52 p. ; 20 cm
Collana	Kleine Texte für Vorlesungen und Übungen ; 173
Altri autori (Persone)	Mette, Hans Joachimauthor
Disciplina	888
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910366593203321

Autore	Vinnem Jan-Erik
Titolo	Offshore Risk Assessment Vol. 1 : Principles, Modelling and Applications of QRA Studies / / by Jan-Erik Vinnem, Willy Røed
Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2020
ISBN	9781447174448 1447174445
Edizione	[4th ed. 2020.]
Descrizione fisica	1 online resource (XXXVIII, 552 p. 173 illus., 26 illus. in color.)
Collana	Springer Series in Reliability Engineering, , 1614-7839
Disciplina	622.33819
Soggetti	Quality control Reliability Industrial safety Environmental management Ocean engineering Mathematical models Quality Control, Reliability, Safety and Risk Environmental Management Offshore Engineering Mathematical Modeling and Industrial Mathematics
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I -- 1.Introduction -- 2.Risk Picture: Definitions and Characteristics -- 3.Risk Assessment process and Main Elements -- 4. Lessons from Major Accidents -- 5.Lessons from Macondo Accident -- Part II -- 6.The Occurrence of Hydrocarbon Leaks: Process Systems -- 7.Fire Risk Modelling -- 8.Explosion Risk Modelling -- 9.Collision Risk Modelling -- 10.Marine Systems Risk Modelling -- 11.Risk due to Miscellaneous Hazards -- 12.Fatality Risk Assessment -- 13.Helicopter Transportation Fatality Risk Assessment.
Sommario/riassunto	This is the first textbook to address quantified risk assessment (QRA) as specifically applied to offshore installations and operations. As the first part of the two-volume updated and expanded fourth edition, it adds a new focus on the EU Offshore Safety Directive, and discusses the new perspective on risk from the Norwegian Petroleum Safety Authority, followed by new and updated international standards. New safety statistics for the Norwegian sectors are presented, as well as new case studies on international offshore accidents, such as the explosion on FPSO Sao Mateus in 2015, which involved 9 fatalities. Separate chapters analyse the main hazards for offshore structures: fire, explosion, collision, and falling objects, as well as structural and marine hazards. Risk mitigation and control are discussed, as well as how the results of quantitative risk assessment studies should be presented. The fourth edition presents updated hydrocarbon release statistics, together with new methods for modelling the risk from ignited hydrocarbon releases. There have been recent advances in the modelling of collision risk from passing and attending vessels, based on extensive research; these advances are described in detail, in addition to new developments in the safety of Dynamic Positioning vessels. In closing, the book provides updated statistics and lessons learned from accidents involving offshore helicopter transportation of personnel. The book offers a comprehensive reference guide for academics and students of marine/offshore risk assessment and management. It will also be of interest to professionals in the industry, as well as contractors, suppliers, consultants and regulatory authorities. .