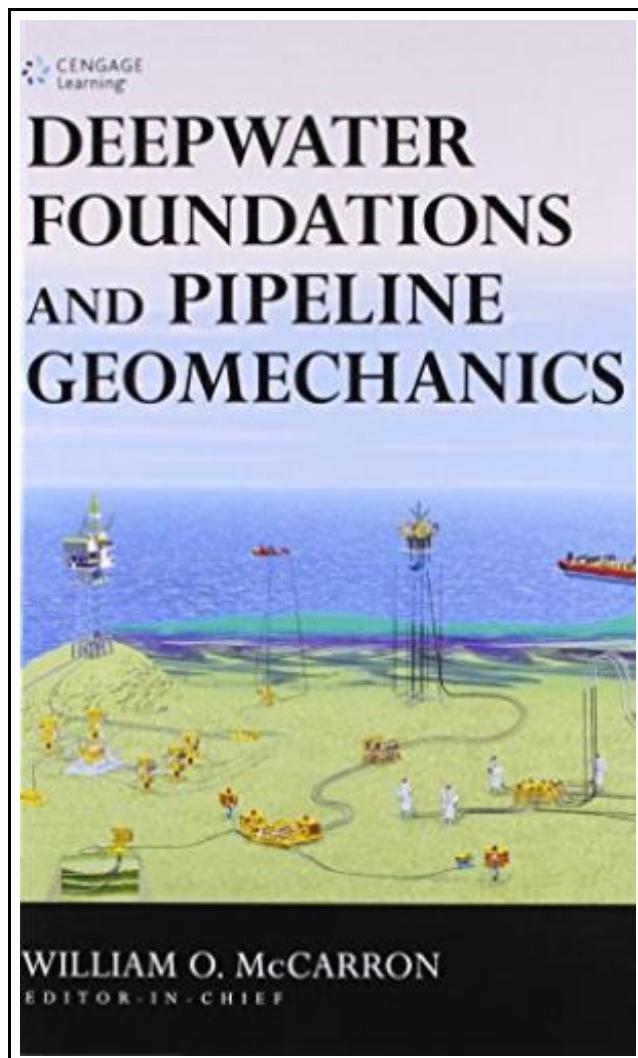


Deepwater Foundations and Pipeline Geomechanics



Filesize: 2.28 MB

Reviews

A whole new eBook with a brand new viewpoint. Yes, it is perform, continue to an interesting and amazing literature. You wont truly feel monotony at whenever you want of the time (that's what catalogs are for concerning should you ask me).

(Margie Jaskolski)

DEEPWATER FOUNDATIONS AND PIPELINE GEOMECHANICS

[DOWNLOAD PDF](#)

J. Ross Publishing/Cengage Learning India Pvt. Ltd, 2014. Hardcover. Book Condition: New. First edition. Practicing engineers in the offshore engineering industry will find in this contributed handbook practical information on current oil field production development practices for foundations and subsea flowlines. The technical challenges associated with deepwater developments have led to significant innovations. The contributors are practicing engineers and academics who have been at the forefront of offshore geotechnic development for several decades. Until the 1980s, the most common design concerns for offshore foundation and pipeline engineering were associated with extreme storm loadings, earthquakes, mudflows, fatigue, and installation activities. Engineers today face additional concerns, including: submarine slope failures, thermal buckling of pipelines, catenary riser interaction with the seafloor, vortex induced vibration of flowlines, shallow water flows encountered during drilling operations, and thermal interaction of pipelines with permafrost. This handbook describes recent advances in geophysical data acquisition and evaluation as they relate to offshore developments, as well as foundation and pipeline design considerations. The presentation is focused on deepwater geotechnics as well as subsea and Arctic pipeline design considerations, but engineers will find much of it applicable to other situations. Tables of Contents:- Chapter 1 - Deepwater Foundations and Pipeline Geomechanics William O. McCarron 1.1 Introduction 1.2 Integrated Geophysical Investigations 1.3 Foundation Concept Selection and Design 1.4 Pipeline Geomechanics 1.5 Foundation Analysis and Centrifuge Model Testing 1.6 Probabilistic Risk Analysis 1.7 References Chapter 2 - Deepwater Integrated Geosciences Studies Alan G. Young and Vernon Kasch 2.1 Introduction 2.1.1 Chapter Overview 2.1.2 Technological Improvements 2.2 Objective of an Integrated Site Investigation 2.3 Spatial Variability and Data Uncertainty 2.4 Planning Study with 3D Seismic Data 2.5 Geophysical Site Survey 2.5.1 Data Acquisition 2.5.2 Deepwater Geophysical Tools 2.5.3 Deepwater Geophysical Survey 2.5.3.1 Single-Beam Echo-Sounder 2.5.3.2 Multi-beam Echo-Sounder 2.5.3.3 Side-Scan Sonar 2.5.3.4 Sub-Bottom Profiler 2.6...

[Read Deepwater Foundations and Pipeline Geomechanics Online](#)[Download PDF Deepwater Foundations and Pipeline Geomechanics](#)

Relevant PDFs



Love My Enemy

Andersen, UK, 2004. Softcover. Book Condition: New. First Edition. Available Now. Book

Description: Zee (short for Zara) lives in a quiet suburb of Belfast, with an apparently idyllic family life. But Zee's father was shot...

[Save Book »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save Book »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Save Book »](#)



Multiple Streams of Internet Income

Wiley. Hardcover. Book Condition: New. Hardcover. 279 pages. Dimensions: 9.3in. x 6.2in. x

1.2in.Praise for MULTIPLE STREAMS OF INTERNET INCOMEIf ever the world needed some help to succeed on the Internet, this is the moment....

[Save Book »](#)



The Whale Tells His Side of the Story Hey God, I've Got Some Guy Named Jonah in My Stomach and I Think I'm Gonna Throw Up

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages.

Dimensions: 9.1in. x 7.2in. x 0.3in.Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we...

[Save Book »](#)



The Real Thing: Stories and Sketches

Harpercollins. Hardcover. Book Condition: New. 0060168536 Never Read-12+ year old
Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or
price written inside front or back cover-publishers mark-Good Copy- I

[Read Document »](#)



Fraud

Random House. Hardcover. Book Condition: New. 0679416064 Never Read-12+ year old
Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or
price written inside front or back cover-publishers mark-Good Copy-

[Read Document »](#)



The Awakening

Penguin Books. Hardcover. Book Condition: New. 0451530101 Never Read-12+ year old
Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or
price written inside front or back cover-publishers mark-Good Copy-

[Read Document »](#)



Under My Skin: My Autobiography to 1949

Harpercollins. Hardcover. Book Condition: New. 0060171502 Never Read-12+ year old
Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or
price written inside front or back cover-publishers mark-Good Copy- I

[Read Document »](#)



The Victim's Fortune: Inside the Epic Battle Over the Debts of the Holocaust

HarperCollins. Hardcover. Book Condition: New. 0066212642 Never Read-12+ year old
Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or
price written inside front or back cover-publishers mark-Good Copy- I

[Read Document »](#)