

Letourneau Jacking Systems

Technology is becoming molecularly precise. Nanotechnology, otherwise known as molecular engineering, will soon create effective machines as small as DNA. This capacity to manipulate matter—to program matter—with atomic precision will utterly change the economic, ecological, and cultural fabric of our lives. This book, which is accessible to a broad audience while providing references to the technical literature, presents a wide range of potential applications of this new material technology. The first chapter introduces the basic concepts of molecular engineering and demonstrates that several mutually reinforcing trends in current research are leading directly into a world of surprisingly powerful molecular machines. Nine original essays on specific applications follow the introductory chapter. The first section presents applications of nanotechnology that interact directly with the molecular systems of the human body. The second presents applications that function, for the most part, outside the body. The final section details the mechanisms of a universal human-machine interface and the operation of an extremely high resolution display system.

A biography of the forty-first president of the United States.

More Than Mettle

Offshore Platform Integration and Floatover Technology

The Offshore Drilling Industry and Rig Construction in the Gulf of Mexico

Marine Week

World Oil

Jackups, semisubmersibles and drillships are the marine vessels used to drill offshore wells and are referred to collectively as mobile offshore drilling units (MODUs). MODUs are supplied through newbuild construction and operate throughout the world in highly competitive regional markets. The Offshore Drilling Industry and Rig Construction Market in the Gulf of Mexico examines the global MODU service and construction industry and describes the economic impacts of rig construction in the United States. The industrial organization and major players in the contract drilling and construction markets are described and categorized. Dayrates in the contract drilling market are evaluated and hypotheses regarding dayrate factors are tested. Models of contractor decision-making are developed, including a net-present value model of newbuilding investment and stacking decisions, and market capitalization models are derived. Jackup construction shipyards and processes are reviewed along with estimates of labor, equipment, and material cost in U.S. construction. Derivation of newbuild and replacement cost functions completes the treatise. The comprehensive and authoritative coverage of The Offshore Drilling Industry and Rig Construction Market in the Gulf of Mexico makes it an ideal reference for engineers, industry professionals, policy analysts, government regulators, academics and other readers wanting to learn more about this important and fascinating industry.

The 16th ICSMGE responds to the needs of the engineering and construction community, promoting dialog and exchange between academia and practice in various aspects of soil mechanics and geotechnical engineering. This is reflected in the central theme of the conference 'Geotechnology in Harmony with the Global Environment'. The proceedings of the conference are of great interest for geo-engineers and researchers in soil mechanics and geotechnical engineering. Volume 1 contains 5 plenary session lectures, the Terzaghi Oration, Heritage Lecture, and 3 papers presented in the major project session. Volumes 2, 3, and 4 contain papers with the following topics: Soil mechanics in general; Infrastructure and mobility; Environmental issues of geotechnical engineering; Enhancing natural disaster reduction systems; Professional practice and education. Volume 5 contains the report of practitioner/academic forum, 20 general reports, a summary of the sessions and workshops held during the conference.

Offshore Geotechnical Engineering

Nanotechnology

Register of Offshore Units, Submersibles & Diving Systems

Federal Register

Anglo American Trade News

Keppel Offshore and Marine was created in 2002 through the integration of three long-established, world-class companies within Keppel Corporation: Keppel FELS, Keppel Shipyard and Keppel Singmarine. The Keppel O&M story offers lessons in practicable, sustainable corporate strategy, and in the management of both adversity and success. It demonstrates the importance of perseverance and the refusal to give up; of managing risk; and of establishing a track record of project delivery ahead of time, within budget and without incident.--From Book jacket.

Deep Challenge blends oil-patch history, eyewitness accounts of disasters, and open access to the official files of Global Marine Inc., the recognized leader in offshore drilling, to tell a true and exciting story.

The Oil Rig Moorings Handbook

Geotechnlogy in Harmony with the Global Environment

Public Works, Construction, and Transport

The Technology of Offshore Drilling, Completion and Production

The Oil and Gas Journal

Design practice in offshore geotechnical engineering has grown out of onshore practice, but the two application areas have tended to diverge over the last thirty years, driven partly by the scale of the foundation and anchoring elements used offshore, and partly by fundamental differences in construction and installation techniques. As a consequence offshore geotechnical engineering has grown as a speciality. The structure of Offshore Geotechnical Engineering follows a pattern that mimics the flow of a typical offshore project. In the early chapters it provides a brief overview of the marine environment, offshore site investigation techniques and interpretation of soil behaviour. It proceeds to cover geotechnical design of piled foundations, shallow foundations and anchoring systems. Three topics are then covered which require a more multi-disciplinary approach: the design of mobile drilling rigs, pipelines and geohazards. This book serves as a framework for undergraduate and postgraduate courses, and will appeal to professional engineers specialising in the offshore industry.

Rowan Companies grew from the dreams of two Texas brothers, Charles and Archibald Rowan, and their \$16,000 oil rig. The two men started out as roughnecks, and founded the company in 1923. The men formed a lifelong partnership based on hard work, loyalty to their workers and cost-conscious business sense. Rowan Companies today builds and operates huge offshore drilling rigs and owns a fleet of helicopters and airplanes that provide services as varied as medical flights and Alaskan sightseeing tours. Relive the struggles and stories in the pages of The Legend of Rowan.

Individually boxed.

Marine Engineering/log

50 Years Offshore

Concrete Industries Yearbook

Moonport

Western Construction

A handbook for mariners & barge engineers serving on semi-submersible oil rigs. Contains detailed information on drilling practice necessary to the understanding of the principles of oil rig moorings.

Vols. for 1946-47 include as sect. 2 of a regular no., World oil atlas.

Oil and Gas Journal

The Legend of Rowan

Undersea Technology

Proceedings [of The] Drilling Conference

Deep Challenge: Our Quest for Energy Beneath the Sea

This book discusses offshore platform integration technology, focusing on the floatover methodology and its applications. It also addresses topics related to safety and cost-effectiveness, as well as ensuring the success of a project through careful planning and established detailed operation procedure/working manuals, which are rarely found in the published literature. Unlike other publications in this area, the book not only includes details of technology development, but also presents real project cases in the discussion to make it more comprehensible. Each topic is illustrated with carefully created sketches to show the complex operation procedures.

The North Sea Field Development Guide

The Keppel Offshore & Marine Story

A History of Apollo Launch Facilities and Operations

Ocean Industry

Proceedings