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National Agricultural Library Catalog - National Agricultural Library (U.S.) 1976

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Includes entries for maps and atlases.
American Book Publishing Record Cumulative, 1950-1977 - R.R. Bowker Company. Department of Bibliography 1978

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Underwater Acoustic Modelling and Simulation - P.C. Etter 2003-12-08
Underwater Acoustic Modeling and Simulation examines the translation of our physical understanding of sound in the sea into mathematical models that can simulate acoustic propagation, noise and reverberation in the ocean. These models are used in a variety of research and operational applications to predict and diagnose the performance of complex s
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'American Book Publishing Record' Cumulative - R. R. Bowker LLC 1978

Underwater Acoustic Modeling and Simulation - Paul C. Etter 2018-04-06
This newest edition adds new material to all chapters, especially in mathematical propagation models and special applications and inverse techniques. It has updated environmental-acoustic data in companion tables and core summary tables with the latest underwater acoustic propagation, noise, reverberation, and sonar performance models. Additionally
Strike-slip Faulting - Kenneth David Mahrer 1978

AAPG Bulletin - American Association of Petroleum Geologists 1976

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Underwater Acoustic Modeling and Simulation, Fifth Edition - Paul C. Etter 2018-03-15
This newest edition adds new material to all chapters, especially in mathematical propagation models and special applications and inverse techniques. It has updated environmental-acoustic data in companion tables and core summary tables with the latest underwater acoustic propagation, noise, reverberation, and sonar performance models. Additionally, the text discusses new applications including underwater acoustic networks and channel models, marine-hydrokinetic energy devices, and simulation of anthropogenic sound sources. It further includes instructive case studies to demonstrate applications in sonar simulation.
Library of Congress Catalogs - Library of Congress 1977

Underwater Acoustic Modelling and Simulation, Third Edition - P.C. Etter 2003-12-08
Underwater Acoustic Modeling and Simulation examines the translation of our physical understanding of sound in the sea into mathematical models that can simulate acoustic propagation, noise and reverberation in the ocean. These models are used in a variety of research and operational applications to predict and diagnose the performance of complex sonar systems operating in the undersea environment. Previous editions of the book have provided invaluable guidance to sonar technologists, acoustical oceanographers and applied mathematicians in the selection and application of underwater acoustic models. Now that simulation is fast becoming an accurate, efficient and economical alternative to field-testing and at-sea training, this new edition will also provide useful guidance to systems engineers and operations analysts interested in simulating sonar performance. Guidelines for selecting and using available propagation, noise and reverberation models are highlighted. Specific examples of each type of model are discussed to illustrate model formulations, assumptions and algorithm efficiency. Instructive case studies demonstrate applications in sonar simulation.
Fundamentals of Geophysical Data Processing - Jon F. Claerbout 1976

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Vols. for 1980- issued in three parts: Series, Authors, and Titles.
Handbook of Petroleum Geoscience - Soumyajit Mukherjee 2022-10-17
HANDBOOK OF PETROLEUM GEOSCIENCE This reference brings together the latest industrial updates and research advances in regional tectonics and geomechanics. Each chapter is based upon an in-depth case study from a particular region, highlighting core concepts and themes as well as regional variations. Key topics discussed in the book are: Drilling solutions from the Kutch offshore basin Geophysical studies from a gas field in Bangladesh Exploring Himalayan terrain in India Tectonics and exploration of the Persian Gulf basin Unconventional gas reservoirs in the Bohemian Massif This book is an invaluable industry resource for professionals and academics working in and studying the fields of petroleum

geoscience and tectonics.
Proceedings of the Ninth International Symposium on Earth Tides, New York City, August 17-22, 1981 - John T. Kuo 1983

Geologist's library - Gérard Sustrac 1984

Gravity and Magnetics in Oil Prospecting - Lewis Lomax Nettleton 1976

Bulletin signalétique - 1981

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Subject Catalog - Library of Congress

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Underwater Acoustic Modeling - P.C. Etter 1995-11-30
Underwater Acoustic Modeling provides the only comprehensive source on how to translate our physical understanding of sound in the sea into mathematical formulas solvable by computers.
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The British Library General Catalogue of Printed Books 1976 to 1982 - British Library 1983

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Bulletin - Australian Society of Exploration Geophysicists - Australian Society of Exploration Geophysicists 1976

Geology at MIT 1865-1965: A History of the First Hundred Years of Geology at Massachusetts Institute of Technology - Robert Rakes Shrock 1982-09-23
This book completes Professor Shrock's full-scale history of MIT's Geology Department. Volume I, Faculty and Supporting Staff, presented biographical sketches of the first fifty-three professors of geology, supplemented by discussions of the founding of the Institute, the development of the geology faculty and curriculum, and the nature and extent of assistance given by support staff. The biographies covered such figures as MIT's founder, W. B. Rogers, "a practical scientist"; economic geologist Waldemar Lindgren; crystallographer Martin Buerger; geochemist T. Sterry Hunt; theorist R. A. Daly; geomorphologist Douglas Johnson, geochronologist P. M. Hurley; and geophysicist Frank Press. Volume II includes discussions of the MIT time capsule, laboratory and field work; facilities for teaching and research; financing of the geological sciences at the Institute; women in geology; geology, mineralogy, geophysics, geochemistry, geochronology, and oceanography at MIT; the Godfrey Lowell Cabot Spectrographic Laboratory; the Green building; the Geophysical Analysis Group (GAG) Project; and research on coal and the origin of petroleum. The names of all geology graduates from 1890 through 1970 appear, together with the titles of their dissertations and brief descriptions of the 175 books written by the Department's professors and graduates. Robert Rakes Shrock, who is Professor Emeritus, taught in MIT's Geology Department for thirtyeight years. He is the author of several text and reference works, including (with Hervey W. Shimer) Index Fossils of North America, which was published in 1944 and is still available from The MIT Press.
Fifth International Conference on Antennas and Propagation (ICAP 87), 30 March-2 April 1987, University of York - 1987

Underwater Acoustic Modeling and Simulation, Fourth Edition - Paul C. Etter 2013-02-21
Underwater Acoustic Modeling and Simulation, Fourth Edition continues to provide the most authoritative overview of currently available propagation, noise, reverberation, and sonar-performance models. This fourth edition of a bestseller discusses the fundamental processes involved in simulating the performance of underwater acoustic systems and emphasizes the importance of applying the proper modeling resources to simulate the behavior of sound in virtual ocean environments. New to the Fourth Edition Extensive new material that addresses recent advances in inverse techniques and marine-mammal protection Problem sets in each chapter Updated and expanded inventories of available models Designed for readers with an understanding of underwater acoustics but who are unfamiliar with the various aspects of modeling, the book includes sufficient mathematical derivations to demonstrate model formulations and provides guidelines for selecting and using the models. Examples of each type of model illustrate model formulations, model assumptions, and algorithm efficiency. Simulation case studies are also included to demonstrate practical applications. Providing a thorough source of information on modeling resources, this book examines the translation of our physical understanding of sound in the sea into mathematical models that simulate acoustic propagation, noise, and reverberation in the ocean. The text shows how these models are used to predict and diagnose the performance of complex sonar systems operating in the undersea environment.