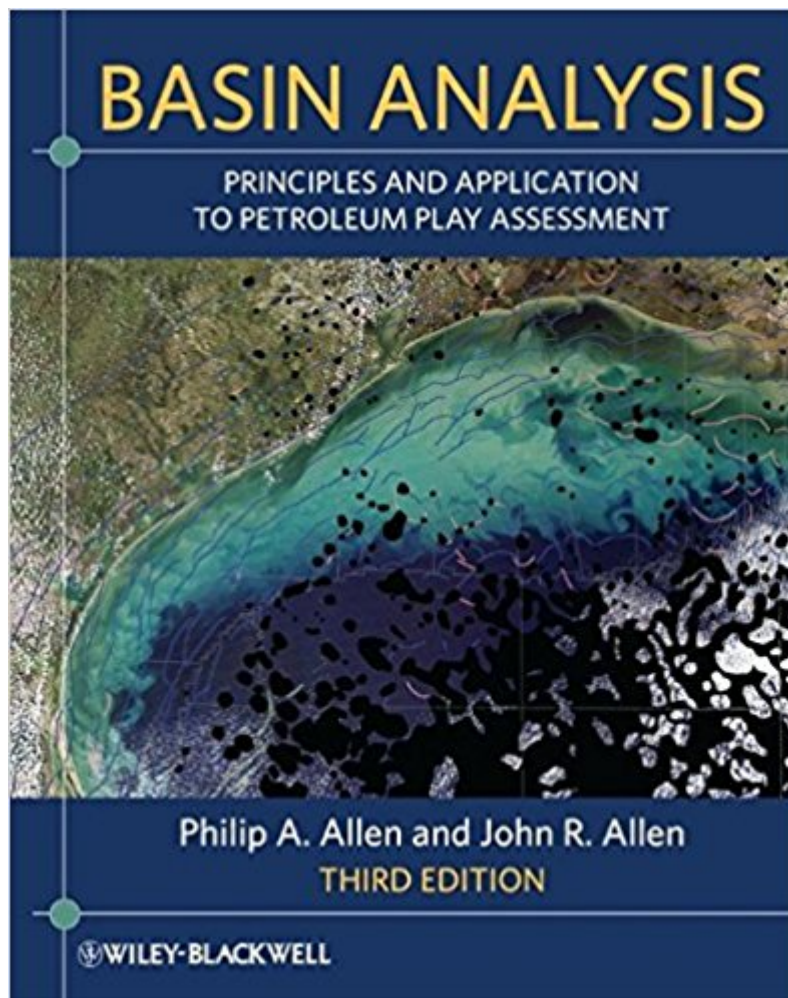




Ebook Directory
the best source of ebook

The book was found

Basin Analysis: Principles And Application To Petroleum Play Assessment



Synopsis

Basin Analysis is an advanced undergraduate and postgraduate text aimed at understanding sedimentary basins as geodynamic entities. The rationale of the book is that knowledge of the basic principles of the thermo-mechanical behaviour of the lithosphere, the dynamics of the mantle, and the functioning of sediment routing systems provides a sound background for studying sedimentary basins, and is a pre-requisite for the exploitation of resources contained in their sedimentary rocks. The third edition incorporates new developments in the burgeoning field of basin analysis while retaining the successful structure and overall philosophy of the first two editions. The text is divided into 4 parts that establish the geodynamical environment for sedimentary basins and the physical state of the lithosphere, followed by a coverage of the mechanics of basin formation, an integrated analysis of the controls on the basin-fill and its burial and thermal history, and concludes with an application of basin analysis principles in petroleum play assessment, including a discussion of unconventional hydrocarbon plays. The text is richly supplemented by Appendices providing mathematical derivations of a wide range of processes affecting the formation of basins and their sedimentary fills. Many of these Appendices include practical exercises that give the reader hands-on experience of quantitative solutions to important basin analysis processes. Now in full colour and a larger format, this third edition is a comprehensive update and expansion of the previous editions, and represents a rigorous yet accessible guide to problem solving in this most integrative of geoscientific disciplines. Additional resources for this book can be found at: www.wiley.com/go/allen/basinanalysis.

Book Information

Paperback: 642 pages

Publisher: Wiley-Blackwell; 3 edition (August 26, 2013)

Language: English

ISBN-10: 0470673761

ISBN-13: 978-0470673768

Product Dimensions: 8.5 x 1.1 x 10.6 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #381,391 in Books (See Top 100 in Books) #11 in Books > Science & Math > Earth Sciences > Geology > Sedimentary #160 in Books > Science & Math > Earth Sciences > Rocks & Minerals #1118 in Books > Textbooks > Science & Mathematics > Earth Sciences

Customer Reviews

Basin Analysis is an advanced undergraduate and postgraduate text aimed at understanding sedimentary basins as geodynamic entities. The rationale of the book is that knowledge of the basic principles of the thermo-mechanical behaviour of the lithosphere, the dynamics of the mantle, and the functioning of sediment routing systems provides a sound background for studying sedimentary basins, and is a pre-requisite for the exploitation of resources contained in their sedimentary rocks. The third edition incorporates new developments in the burgeoning field of basin analysis while retaining the successful structure and overall philosophy of the first two editions. The text is divided into four parts that establish the geodynamical environment for sedimentary basins and the physical state of the lithosphere, followed by a coverage of the mechanics of basin formation, an integrated analysis of the controls on the basin-fill and its burial and thermal history, and concludes with an application of basin analysis principles in petroleum play assessment, including a discussion of unconventional hydrocarbon plays. The text is richly supplemented by appendices, providing mathematical derivations of a wide range of processes affecting the formation of basins and their sedimentary fills. Many of these appendices include practical exercises that give the reader hands-on experience of quantitative solutions to important basin analysis processes. Now in full colour and a larger format, this third edition is a comprehensive update and expansion of the previous editions, and represents a rigorous yet accessible guide to problem solving in this most integrative of geoscientific disciplines. There is a free companion website available for this book at www.wiley.com/go/basinanalysis On the site you will find: Downloadable versions of the illustrations within the book Practical exercises to work through

Philip Allen graduated with a Bachelor's degree in Geology from the University of Wales, Aberystwyth and a PhD from Cambridge University. He held lectureships at Cardiff and Oxford, and professorships at Trinity College Dublin, ETH-Zürich and Imperial College London. He is a process-oriented Earth scientist with particular interests in the interactions and feedbacks between the solid Earth and its atmosphere through the critical interface of the Earth's surface. John Allen has over 30 years of experience in the international oil and gas industry as a petroleum geologist, exploration manager, senior exploration advisor, and business strategist with British Petroleum (BP) and BHP Billiton, as well as several years of experience as a non-executive director. He is currently based in Melbourne, Australia.

The book has excellent color illustrations and full descriptions of things, but the print is darned small.

If you normally buy the print textbook because you study better from them, don't with this one. The small print completely negates the advantage.

All good

Front cover was significantly ripped when delivered otherwise the content of the book is extremely valuable. Illustrations are colorful, clear and descriptive.

[Download to continue reading...](#)

Basin Analysis: Principles and Application to Petroleum Play Assessment Library of Congress
Subject Headings: Principles and Application, 4th Edition (Library of Congress Subject Headings:
Principles & Application (Pape) Fundamentals of Basin and Petroleum Systems Modeling A
Generalized Approach To Primary Hydrocarbon Recovery Of Petroleum Exploration & Production,
Volume 4 (Handbook of Petroleum Exploration and Production) Stratigraphic Reservoir
Characterization for Petroleum Geologists, Geophysicists, and Engineers, Volume 61, Second
Edition (Developments in Petroleum Science) Basin Analysis: Principles and Applications Principles
of Sedimentary Basin Analysis Nursing Assessment: Head-to-Toe Assessment in Pictures (Health
Assessment in Nursing) Genetics: Analysis and Principles: Analysis & Principles Wiley Not-for-Profit
GAAP 2014: Interpretation and Application of Generally Accepted Accounting Principles (Wiley
Not-For-Profit GAAP: Interpretation ... of GenerallyAccepted Accounting Principles) Model of Human
Occupation: Theory and Application (Model of Human Occupation: Theory & Application) Pesticide
Application Log (Logbook, Journal - 96 pages, 5 x 8 inches): Pesticide Application Logbook (Deep
Wine Cover, Small) (Unique Logbook/Record Books) Secure Web Application Deployment using
OWASP Standards: An expert way of Secure Web Application deployment How to Play the
Recorder: A Basic Method for Learning to Play the Recorder and Read Music Through the Use of
Folk, Classical, and Familiar Songs (Handy Guide) (How to Play Series) AAMT Book of Style
Student Workbook: Practical Application and Assessment How to Play Banjo : A Complete Banjo
Course for the Beginner That Is Easy and Fun to Play (Handy Guide) (How to Play Series) Ultimate
Easy Guitar Play-Along -- The Doors: Eight Songs with Full TAB, Play-Along Tracks, and Lesson
Videos (Easy Guitar TAB), Book & DVD (Ultimate Easy Play-Along) Ultimate Bass Play-Along Rush:
Play Along with 6 Great Demonstration Tracks (Authentic Bass TAB), Book & CD (Ultimate
Play-Along) Ultimate Guitar Play-Along Led Zeppelin, Vol 1: Play Along with 8 Great-Sounding
Tracks (Authentic Guitar TAB), Book & 2 CDs (Ultimate Play-Along) Just Play: Book 3 Last Play
Romance Series (A Bachelor Billionaire Companion) (The Last Play Series)

Contact Us

DMCA

Privacy

FAQ & Help