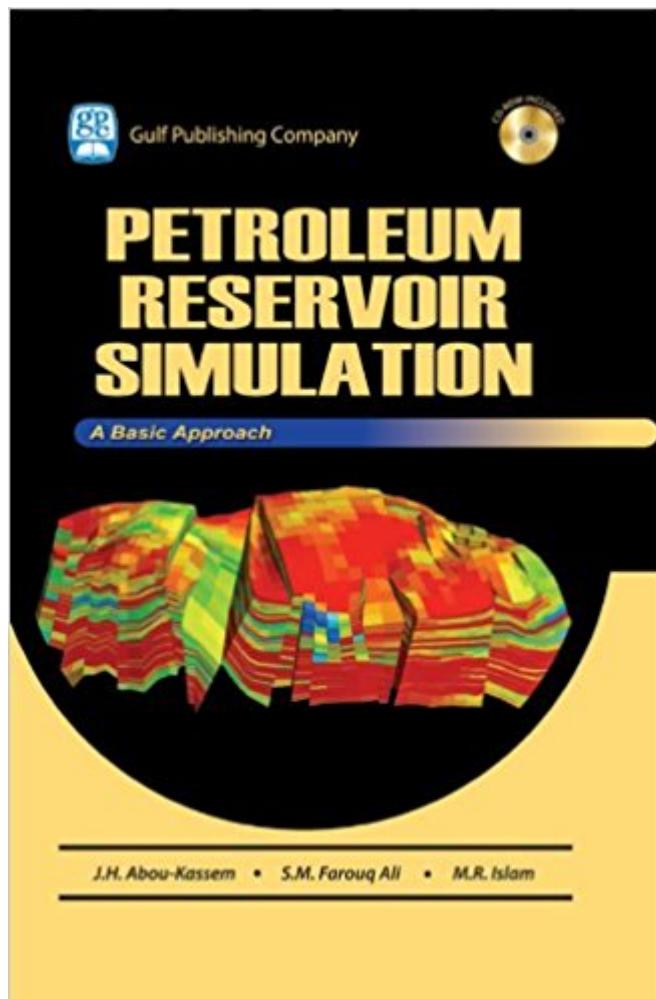


The book was found

# Petroleum Reservoir Simulations



## Synopsis

In this highly anticipated volume, the world-renowned authors take a basic approach to present the principles of petroleum reservoir simulation in an easy-to-use and accessible format. Applicable to any oil and gas recovery method, this book uses a block-centered grid and a point-distributed grid. It treats various boundary conditions as fictitious wells, gives algebraic equations for their flowrates and presents an elaborate treatment of radial grid for single-well simulation to analyze well test results and to create well pseudo-functions necessary in conducting a practical reservoir simulation study.

## Book Information

File Size: 50223 KB

Print Length: 488 pages

Publisher: Gulf Publishing Company (November 25, 2013)

Publication Date: November 25, 2013

Sold by: Digital Services LLC

Language: English

ASIN: B00GFV9MOS

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #2,326,808 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #80 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Hydroelectric #262 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Chemical > Petrochemical #268 in Kindle Store > Kindle eBooks > Nonfiction > Science > Earth Sciences > Prospecting & Mining

## Customer Reviews

This is a very good elemental textbook on reservoir simulation. It contains many exercises and examples along with the theory. A cd with software is provided in the back of the book, it contains a single phase reservoir simulator. The theory is based on an "engineering approach", which avoids the use of PDEs. I strongly recommend to use this book along with Ertenik-AbouKassem-King "Basic Applied Reservoir Simulation" (SPE textbook No 7), which contains the "mathematical

approach" needed to complement the "engineering approach".

This resourceful book introduces the novel engineering approach for petroleum reservoir modeling and operations simulations. The engineering approach used in this book adds engineering meaning to the mathematical differential equations and to the boundary conditions needed for reservoir simulations. This book represents an essential tool for any petroleum engineer or geologist. By writing this book, the authors not only publish a cutting-edge document dealing with petroleum reservoir simulations, but also offer all students, scientists, and engineers a suitable and handy tool to solve various simulation problems in engineering and science. Overall, this book can benefit all practicing engineers as well as students and scientists.

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

Petroleum Reservoir Simulations Advanced Petroleum Reservoir Simulation: Towards Developing Reservoir Emulators (Wiley-Scrivener) Stratigraphic Reservoir Characterization for Petroleum Geologists, Geophysicists, and Engineers, Volume 61, Second Edition (Developments in Petroleum Science) Applied Petroleum Reservoir Engineering (3rd Edition) Fundamentals of Reservoir Engineering, Volume 8 (Developments in Petroleum Science) Petroleum Reservoir Fluid Property Correlations Petroleum Reservoir Engineering: Physical Properties A Generalized Approach To Primary Hydrocarbon Recovery Of Petroleum Exploration & Production, Volume 4 (Handbook of Petroleum Exploration and Production) Conquer Medical Coding 2016: A Critical Thinking Approach with Coding Simulations Introduction to Programming with Greenfoot: Object-Oriented Programming in Java with Games and Simulations (2nd Edition) Clinical Simulations for Nursing Education: Learner Volume Finite Element Simulations with ANSYS Workbench 17 Switch-Mode Power Supplies, Second Edition: SPICE Simulations and Practical Designs (Electronics) CompTIA Network+ Certification All-in-One Exam Guide (Exam N10-006), Premium Sixth Edition with Online Performance-Based Simulations and Video Training (Certification & Career - OMG) Programming for Computations - Python: A Gentle Introduction to Numerical Simulations with Python (Texts in Computational Science and Engineering) PhysioEx 9.1: Laboratory Simulations in Physiology with 9.1 Update Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations Gunship Academy: Tactics and Maneuvers for Attack Helicopter Simulations Dynamics of Glassy, Crystalline and Liquid Ionic Conductors: Experiments, Theories, Simulations (Topics in Applied Physics) Complexity and Planning: Systems, Assemblages and Simulations (New Directions in Planning Theory)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)