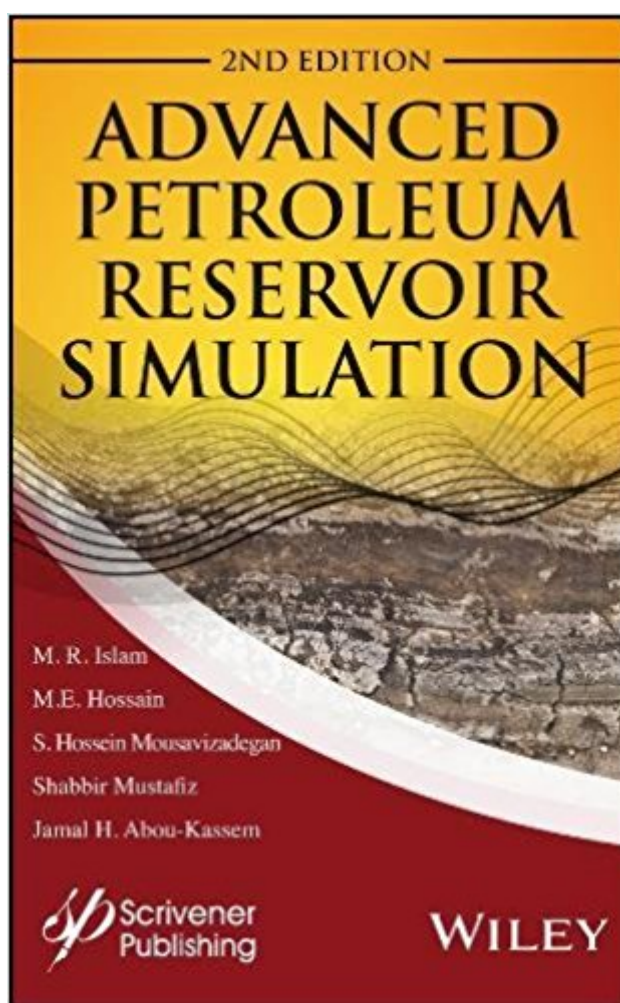




**Ebook Directory**  
the best source of ebook

The book was found

# Advanced Petroleum Reservoir Simulation: Towards Developing Reservoir Emulators (Wiley-Scrivener)



## Synopsis

This second edition of the original volume adds significant new innovations for revolutionizing the processes and methods used in petroleum reservoir simulations. With the advent of shale drilling, hydraulic fracturing, and underbalanced drilling has come a virtual renaissance of scientific methodologies in the oil and gas industry. New ways of thinking are being pioneered, and Dr. Islam and his team have, for years now, been at the forefront of these important changes. This book clarifies the underlying mathematics and physics behind reservoir simulation and makes it easy to have a range of simulation results along with their respective probability. This makes the risk analysis based on knowledge rather than guess work. The book offers by far the strongest tool for engineers and managers to back up reservoir simulation predictions with real science. The book adds transparency and ease to the process of reservoir simulation in way never witnessed before. Finally, No other book provides readers complete access to the 3D, 3-phase reservoir simulation software that is available with this text. A must-have for any reservoir engineer or petroleum engineer working upstream, whether in exploration, drilling, or production, this text is also a valuable textbook for advanced students and graduate students in petroleum or chemical engineering departments.

## Book Information

Series: Wiley-Scrivener

Hardcover: 592 pages

Publisher: Wiley-Scrivener; 2 edition (July 18, 2016)

Language: English

ISBN-10: 1119038510

ISBN-13: 978-1119038511

Product Dimensions: 6.4 x 1.4 x 9.3 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 2.0 out of 5 stars 1 customer review

Best Sellers Rank: #4,739,461 in Books (See Top 100 in Books) #72 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Alternative & Renewable > Hydroelectric #1419 in Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels > Petroleum #5860 in Books > Science & Math > Nature & Ecology > Natural Resources

## Customer Reviews

Low rating was given because of a lot of grammatical errors.

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

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) Fundamentals of Sustainable Drilling Engineering (Wiley-Scrivener) Applied Petroleum Reservoir Engineering (3rd Edition) Petroleum Reservoir Simulations 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) Practical Enhanced Reservoir Engineering: Assisted With Simulation Software Reservoir Engineering: The Fundamentals, Simulation, and Management of Conventional and Unconventional Recoveries Atmospheric and Space Flight Dynamics: Modeling and Simulation with MATLAB® and Simulink® (Modeling and Simulation in Science, Engineering and Technology) Molecular Simulation Studies on Thermophysical Properties: With Application to Working Fluids (Molecular Modeling and Simulation) Bartleby the Scrivener and other Stories: The Lightning-Rod Man, The Bell-Tower Bartleby, the Scrivener: A Story of Wall Street (Piazza Tales) Bartleby, the Scrivener: A Story of Wall Street Writing a Novel with Scrivener Derivatives Analytics with Python: Data Analysis, Models, Simulation, Calibration and Hedging (The Wiley Finance Series) Building Winning Algorithmic Trading Systems, + Website: A Trader's Journey From Data Mining to Monte Carlo Simulation to Live Trading (Wiley Trading) Piano Literature - Book 4: Developing Artist Original Keyboard Classics (The Developing Artist)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)