

1. **Record Nr.** UNINA990003877890403321
Autore Skurbaty, Zelim
Titolo As if peoples mattered : A critical appraisal of peoples and minorities from the international human rights perspective and beyond / Zelim Skurbaty
-
- Pubbl/distr/stampa** Boston : Martinus Nijhoff Publishers, 2000
ISBN 90-411-1342-8
Descrizione fisica xiii,498 p. ; 25 cm
-
- Locazione** DEC
Collocazione D.I.V/D-118
Lingua di pubblicazione Inglese
Formato Materiale a stampa
Livello bibliografico Monografia
2. **Record Nr.** UNINA990000884720403321
Autore Gallagher, Richard H.
Titolo A correlation study of methods of matrix structural analysis : report to the 14th meeting, Structures and Materials Panel Advisory Group for Aeronautical Research and Development, NATO, Paris, France, July 6, 1962 / by Richard H. Gallagher ; with contributions by Ivan Rattinger [and] John S. Archer
-
- Pubbl/distr/stampa** Oxford [etc.] : Pergamon Press, 1964
Descrizione fisica XII, 113 p., [3] p. di tav. ripieg. ; ill. ; 26 cm
Collana AGARDograph ; 69
-
- Disciplina** 629.171
Locazione IINTC
DINPA
Collocazione 03 AS.0,7
A 2
Lingua di pubblicazione Inglese
Formato Materiale a stampa
Livello bibliografico Monografia

3. Record Nr.	UNINA9911004768103321
Autore	Fanchi John R
Titolo	Integrated flow modeling / / John R. Franchi
Pubbl/distr/stampa	Amsterdam [Netherlands] ; ; New York, : Elsevier Science B.V., 2000
ISBN	1-281-05463-1 9786611054632 0-08-053481-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (305 p.)
Collana	Developments in petroleum science ; ; 49
Disciplina	553.28 622.3382015118 622/.3382/015118 21
Soggetti	Hydrocarbon reservoirs - Mathematical models Traps (Petroleum geology)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 273-280) and index.
Nota di contenuto	Cover; Contents; About the Author; Preface; Chapter 1. Overview; 1.1 Program Overview; 1.2 Conventional Black Oil Simulator Equations; 1.3 Extended Black Oil Simulator Equations; 1.4 Program Operation; 1.5 Input Data File- ITEMP.DAT; 1.6 Output Data Files; Exercises; Chapter 2. Reservoir Structure; 2.1 Coordinate Orientation; 2.2 Traditional Mapping; 2.3 Computer Generated Maps; 2.4 Geostatistical Mapping; 2.5 Bulk Volume and Net Volume; Exercises; Chapter 3. Porosity; 3.1 Porosity Defined; 3.2 Net Pore Volume and Saturation; 3.3 Statistics of Porosity Distributions; 3.4 Characteristic Volume ExercisesChapter 4. Permeability; 4.1 Darcy's Law; 4.2 Permeability; 4.3 Directional Dependence of Permeability; 4.4 Permeability Averaging; Exercises; Chapter 5. Critical Sample Size; 5.1 Critical Sample Size for Porosity; 5.2 Permeability Distributions; 5.3 Critical Sample Size for Permeability; 5.4 Measures of Permeability Heterogeneity; Exercises; Chapter 6. Petrophysical Model; 6.1 Compressional and Shear Velocities; 6.2 Estimates of Moduli; 6.3 Moduli from Acoustic Velocities; 6.4 Acoustic Impedance and Reflection Coefficient; 6.5 Geostatistical Correlations; Exercises Chapter 7. Relative Permeability7.1 Effective Permeability and Relative

Permeability; 7.2 Two-Phase Relative Permeability; 7.3 Averaging Relative Permeability Data; 7.4 Two-Phase Relative Permeability Correlations; 7.5 Three-Phase Relative Permeability Correlations; Exercises; Chapter 8. Capillary Pressure; 8.1 Basic Concepts; 8.2 Capillary Pressure; 8.3 Capillary Pressure Measurements; 8.4 Capillary Pressure Correlation Methods; Exercises; Chapter 9. Extended Rock-Fluid Interactions; 9.1 Miscible Conditions; 9.2 Solid Precipitation; 9.3 Water Blocking; 9.4 Mobility Control
9.5 Effective Relative Permeability and Capillary Pressure
9.6 Transmissibility; Exercises; Chapter 10. Fluid Properties; 10.1 Fundamental Fluid Property Concepts; 10.2 Black Oil Model PVT Data; 10.3 Extrapolating Saturated Curves; 10.4 Bubble Point Tracking; 10.5 Extended Fluid Properties Model; Exercises; Chapter 11. Fluid Displacement; 11.1 Mobility; 11.2 Fractional Flow; 11.3 Recovery Efficiency; 11.4 Production Stages; 11.5 Miscible Displacement Models; Exercises; Chapter 12. Formulation of Flow Equations; 12.1 Conservation of Mass; 12.2 Flow Equations for Three-Phase Flow
12.3 Recasting the Flow Equations
12.4 Introduction of the Capillary Pressure Concept; 12.5 Extended Black Oil Simulator Equations; Exercises; Chapter 13. Source/Sink Terms; 13.1 Productivity Index; 13.2 Rate Constraint Representation; 13.3 Pressure Constraint Representation; 13.4 Well Constraints; 13.5 Aquifer Models; Exercises; Chapter 14. Solution of the Extended Flow Equations; 14.1 The Finite Difference Concept; 14.2 Derivative of Accumulation Terms; 14.3 Volume Integration and Discretization; 14.4 Multi-Variable Newton-Raphson IMPES Procedure; Exercises; Chapter 15. IFLO Applications
15.1 Monitoring Frontal Advance

Sommario/riassunto

Integrated Flow Modeling presents the formulation, development and application of an integrated flow simulator (IFLO). Integrated flow models make it possible to work directly with seismically generated data at any time during the life of the reservoir. An integrated flow model combines a traditional flow model with a petrophysical model. The text discusses properties of porous media within the context of multidisciplinary reservoir modeling, and presents the technical details needed to understand and apply the simulator to realistic problems. Exercises throughout the text direct the reader
