

1. Record Nr.	UNINA9910461301503321
Titolo	Coaching children in sport // edited by Ian Stafford
Pubbl/distr/stampa	Abingdon, Oxon : , : Routledge, , 2011
ISBN	1-283-10589-6 1-136-96408-8 9786613105899 0-203-85068-8
Descrizione fisica	1 online resource (321 p.)
Altri autori (Persone)	Staffordlan
Disciplina	796.083
Soggetti	Sports for children - Coaching Electronic books.
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 and index.
Nota di contenuto	pt. 1. On coaching -- pt. 2. On children -- pt. 3. On sport.
Sommario/riassunto	All coaches working with children will know that they differ substantially from adults in their capabilities, capacity for development and in their ability to meet the demands that sport places upon them. Coaching Children in Sport provides an up-to-date, authoritative and accessible guide to core knowledge and coaching skills for anybody working with children in sport. Written by a team of leading international coaching experts, teachers, psychologists and specialists in children's issues in sport and health, the book explains why children should not be treated as mini-adul

2. Record Nr.	UNISA996262839403316
Autore	Abou-Kassem Jamal H (Jamal Hussein)
Titolo	Petroleum reservoir simulation : a basic approach / / Jamal H. Abou-Kassem, S.M. Farouq Ali, M. Rafiq Islam
Pubbl/distr/stampa	Houston, TX : , : Gulf Pub. Co., , [2006] ©2006
ISBN	0-12-799974-4 1-60119-100-6
Descrizione fisica	1 online resource (480 p.)
Altri autori (Persone)	Farouq AliS. M <1936-> (Syed Mohammad) IslamRafiqul <1959->
Disciplina	550
Soggetti	Petroleum - Geology - Simulation methods Petroleum - Geology - Mathematical models Hydrocarbon reservoirs - Simulation methods Hydrocarbon reservoirs - Mathematical models Petroleum engineering - Mathematics
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 (pages 433-435) and indexes.
Nota di contenuto	Front Cover; Petroleum Reservoir Simulation: A Basic Approach; Copyright Page; Dedication; Table of Contents; Preface; Introduction; Nomenclature; Chapter 1. Introduction; 1.1 Background; 1.2 Milestones for the Engineering Approach; 1.3 Importance of the Engineering and Mathematical Approaches; 1.4 Summary; 1.5 Exercises; Chapter 2. Single-Phase Fluid Flow Equations in Multidimensional Domain; 2.1 Introduction; 2.2 Properties of Single-Phase Fluid; 2.3 Properties of Porous Media; 2.4 Reservoir Discretization; 2.5 Basic Engineering Concepts; 2.6 Multidimensional Flow in Cartesian Coordinates 2.7 Multidimensional Flow in Radial-Cylindrical Coordinates2.8 Summary; 2.9 Exercises; Chapter 3. Flow Equations Using CVFD Terminology; 3.1 Introduction; 3.2 Flow Equations Using CVFD Terminology; 3.3 Flow Equations in Radial-Cylindrical Coordinates Using CVFD Terminology; 3.4 Flow Equations Using CVFD Terminology in any Block Ordering Scheme; 3.5 Summary; 3.6 Exercises; Chapter 4. Simulation with a Block-Centered Grid; 4.1 Introduction; 4.2 Reservoir

Discretization; 4.3 Flow Equation for Boundary Gridblocks; 4.4 Treatment of Boundary Conditions; 4.5 Calculation of Transmissibilities 4.6 Symmetry and Its Use in Solving Practical Problems 4.7 Summary; 4.8 Exercises; Chapter 5. Simulation with a Point-Distributed Grid; 5.1 Introduction; 5.2 Reservoir Discretization; 5.3 Flow Equation for Boundary Gridpoints; 5.4 Treatment of Boundary Conditions; 5.5 Calculation of Transmissibilities; 5.6 Symmetry and Its Use in Solving Practical Problems; 5.7 Summary; 5.8 Exercises; Chapter 6. Well Representation in Simulators; 6.1 Introduction; 6.2 Single-Block Wells; 6.3 Multiblock Wells; 6.4 Practical Considerations Dealing with Modeling Well Operating Conditions; 6.5 Summary 6.6 Exercises Chapter 7. Single-Phase Flow Equation for Various Fluids; 7.1 Introduction; 7.2 Pressure Dependence of Fluid and Rock Properties; 7.3 General Single-Phase Flow Equation in Multi Dimensions; 7.4 Summary; 7.5 Exercises; Chapter 8. Linearization of Flow Equations; 8.1 Introduction; 8.2 Nonlinear Terms in Flow Equations; 8.3 Nonlinearity of Flow Equations For Various Fluids; 8.4 Linearization of Nonlinear Terms; 8.5 Linearized Flow Equations in Time; 8.6 Summary; 8.7 Exercises; Chapter 9. Methods of Solution of Linear Equations; 9.1 Introduction; 9.2 Direct Solution Methods 9.3 Iterative Solution Methods 9.4 Summary; 9.5 Exercises; Chapter 10. Introduction to Modeling Multiphase Flow in Petroleum Reservoirs; 10.1 Introduction; 10.2 Reservoir Engineering Concepts in Multiphase Flow; 10.3 Multiphase Flow Models; 10.4 Solution of Multiphase Flow Equations; 10.5 Material Balance Checks; 10.6 Advancing Solution in Time; 10.7 Summary; 10.8 Exercises; Appendix A: User's Manual for Single-Phase Simulator; A.1 Introduction; A.2 Data File Preparation; A.3 Description of Variables Used in Preparing a Data File; A.4 Instructions to Run Simulator A.5 Limitations Imposed on the Compiled Version

## Sommario/riassunto

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 flow rates 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 re