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Nota di contenuto	Preface; CONTENTS; Chapter 1 Introduction; 1.1 Types of Models; 1.2 Data Requirements; Chapter 2 Theoretical Development; 2.1 Flow Equations; 2.2 Types of Simulators; 2.3 Solution Techniques; Chapter 3 PVT Data; Chapter 4 Relative Permeability and Capillary Pressure Data; Chapter 5 Transmissibilities; Chapter 6 Gridding Considerations; Chapter 7 Well Packages; Chapter 8 Field Studies; Chapter 9 Other Types of Models; 9.1 Radial Simulators; 9.2 Dual Porosity Simulators; Chapter 10 Odds and Ends; 10.1 Advantages of Reservoir Simulation; 10.2 Disadvantages of Reservoir Simulation; References Simulation and Reservoir Property BooksAppendix A; Fluid and Formation Correlations; Solutions to Problems; Index
Sommario/riassunto	Reservoir simulation, or modeling, is one of the most powerful techniques currently available to the reservoir engineer. The author, Prof Leonard F Koederitz, (Distinguished Teaching Professor Emeritus at the University of Missouri-Rolla) is a highly notable author and teacher, with many teaching awards. This book has been developed over his twenty years in teaching to undergraduate petroleum engineering students, with the knowledge that they would in all likelihood be model-users, not developers. Most other books on reservoir simulation deal with simulation theory and development. For

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