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Nota di contenuto	Chapter 1 Mass and Energy Balances -- Chapter 2 Chemical Thermodynamics -- Chapter 3 Fluid Mechanics and Momentum Transfer -- Chapter 4 Heat Transfer -- Chapter 5 Mass Transfer -- Chapter 6 Chemical Reaction Engineering and Kinetics -- Chapter 7 Transport Phenomenon.
Sommario/riassunto	This text provides a clear and concise understanding of the principles and applications of chemical engineering using a rigorous, yet easy-to-

follow, presentation. The coverage is broad, and it includes all the relevant concepts such as mass and energy balances, mass transfer, chemical reaction engineering, and many more. Elucidation of the principles is further reinforced by examples and practice problems with detailed solutions. Firmly grounded in the fundamentals, the book maximizes readers' capacity to take on new problems and challenges in the field with confidence and conviction. Providing a ready reference and review of essential principles and their applications in chemical engineering, the book is ideal for undergraduate chemical engineering students, as well as practicing engineers preparing for the engineering license exams (FE and PE) in USA and abroad. Organized as a clear and coherent reference for those needing a quick review of fundamental concepts and applications; Adopts a comprehensive and practical writing style in presenting the essential broad topics of chemical engineering; Reinforces material with a wide spectrum and variety of illustrations as well as problems with solutions.
