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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Characteristics and History of Use -- Crude Assay and Physical Properties -- Chemical Composition -- Classification and Characterization -- Petroleum System and Occurrence -- Exploration for Discovery -- Production for Recovery -- Significant Events and Current Status in Petroleum Refining -- Desalting, Distillation and Hydrotreating -- Isomerization, Reforming, Alkylation and Polymerization -- Cracking, Coking and Visbreaking -- Other Refining Processes -- Lubricant Processes and Products -- Petroleum Products -- Safety and Environment.
Sommario/riassunto	Aimed at students and professionals, this book provides an overview of the science and technology of the upstream/midstream sectors of the

oil and gas industry. Topics include the origin of fossil hydrocarbons and their chemical/physical properties; discovering hydrocarbon reserves; recovering oil, gas and bitumen; and purifying natural gas and process offgas. The chapter on safety and the environment convers safety regulations and environmental laws. It highlights learnings from major accidents. In addition to drawing on the authors' previous books, it includes teaching material from several courses. These include workshops provided for top petroleum companies and a highly rated course taught at the Florida A&M University/Florida State University (USA).