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Nota di contenuto	Front Cover; Contents; Preface; Author; Chapter 1 - Introduction; Chapter 2 - Fuels in General; Chapter 3 - Fuels Classification; Chapter 4 - Fuel-Consuming Energy Systems; Chapter 5 - Stoichiometry and Thermodynamics; Chapter 6 - Chemical Kinetics of Fuel Combustion; Chapter 7 - Exhaust Emissions from the Combustion of Fuels; Chapter 8 - Combustion and Flames; Chapter 9 - Fire and Safety in Relation to Fuel Installations and Handling; Chapter 10 - Petroleum; Chapter 11 - Refining of Petroleum; Chapter 12 - Gasoline; Chapter 13 - Diesel Fuels and Some Other Liquid Fuels Chapter 14 - Solid Fuels Chapter 15 - Natural Gas and Other Gaseous Fuels; Chapter 16 - Alternative Fuels; Glossary; References; Back Cover
Sommario/riassunto	The need for cleaner, sustainable energy continues to drive engineering research, development, and capital projects. Recent advances in combustion science and technology, including sophisticated diagnostic and control equipment, have enabled engineers to improve fuel processes and systems and reduce the damaging effects of fuels on the environment.