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| Nota di contenuto | 1. Research and Innovation to Improve the Efficiency of Modern Diesel Engines -- 2. The Influence of Exhaust Gas Recirculation on Performance and Emission Characteristics of a Diesel Engine Using Waste Plastic Pyrolysis Oil Blends and Conventional Diesel -- 3. Effect of Injection Pressure on Local Temperature and Soot Emission Distribution of Flat-Wall Impinging Diesel Flame under Diesel Engine like-Condition -- 4. A Comparative Evaluation of Biodiesel and Used Cooking Oil as Feedstock for HDRD Application: A Review -- 5. Replacement of Diesel Fuel by DME in Compression Ignition Engines: Case for India -- 6. Molecular Contribution of Fatty Acid Esters in Biodiesel Fueled CI Engines -- 7. Feasibility of Biodiesel Production in Pakistan -- 8. Zero Emission Hydrogen Fuelled Fuel Cell Vehicle and Advanced Strategy on Internal Combustion Engine: A Review -- 9. Performance and Emission Characteristics of Hydrogenation Derived Renewable Diesel as Diesel Engine Fuel -- 10. Characteristics Analysis of Performance as Well as Emission of Elaeocarpus Ganitrus Additive Based Pumpkin and Juliflora Mixed Biodiesel Blend in CI Engine -- 11. Bio-Circular Engine: Simultaneous and Successive Use of BioDiesel as Bio-Lubricant and Bio-Fuel in Diesel Engines-(B100) New Bio-Lubricant for all Engines -- 12. Pressure Fluctuation Characteristics of High-Pressure Common Rail Fuel Injection System. |
| Sommario/riassunto | This book provides an overview of the principles and types of electron microscopes. It also describes the different practical applications of electron microscopes, ranging from particle analysis and materials characterization to industrial failure analysis and process control. Over |

eight chapters divided into two sections, this book gives readers a comprehensive and updated review of the latest advances in electron microscopy.