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| Nota di contenuto | 1. A Brief History of Engine Indicators -- 2. The Measurement Chain: Encoders -- 3. The Measurement Chain: Combustion Pressure Transducers -- 4. The Measurement Chain: Additional and Alternative Transducers -- 5. The Measurement Chain: Measurement Hardware -- 6. The Measurement Chain: Measurement System Software -- 7. Applications -- 8. Abnormal Combustion: Measurement and Evaluation -- 9. Successful Measurements -- 10. Specification and Integration into the Test Environment. |
| Sommario/riassunto | Engine combustion pressure analysis is a fundamental measurement technique applied universally in the research and development of reciprocating combustion engines. As combustion pressure measurement systems have become almost standard equipment in engine test environments, technicians and engineers need to have a solid understanding of this technique and the associated equipment. This book provides practical information on measuring, analyzing, and qualifying combustion data, as well as details on hardware and software requirements and system components. Describing the principles of a successful combustion measurement process, the book will enable technicians and engineers to efficiently generate the required data to complete their development tasks. |

