1. Record Nr. UNISALENTO991002890219707536

Autore	Oswald, Stephan
Titolo	Die schwierige Kunst der Einfachheit : Johann Peter Hebels Kalendergeschichten : Übersetzungsübungen zur deutschen Syntax / Stephan Oswald
Pubbl/distr/stampa	Bologna : CLUEB, 2006
ISBN	9788849127829
Descrizione fisica	173 p. ; 24 cm
Collana	Lexis. Biblioteca di scienze umane
Disciplina	438.6451
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

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Titolo	Natural Gas Engines : For Transportation and Power Generation / / edited by Kalyan Kumar Srinivasan, Avinash Kumar Agarwal, Sundar Rajan Krishnan, Vincenzo Mulone
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-3307-6
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (428 pages)
Collana	Energy, Environment, and Sustainability, , 2522-8366
Disciplina	333.8233
Soggetti	Renewable energy resources Automotive engineering Fossil fuels Energy systems Transportation Renewable and Green Energy Automotive Engineering Fossil Fuels (incl. Carbon Capture) Energy Systems
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cyclic Variations in Dual Fuel Combustion Engines -- Partially Stratifed Combustion of Natural Gas: From Fundamentals to Engine Applications -- HCCI in Dual-Fuel Diesel-Methane Combustion: the combined effect of injection and engine parameters -- Advanced Natural Gas Combustion Concepts -- Natural gas for high efficiency engines and future engine concepts -- A Review of Residential and Commercial Scale Natural Gas Powered Micro-Combined Heat and Power Systems -- Natural Gas Dual Fuel Engines -- Effects of EGR on engines fuelled with natural gas and natural gas/hydrogen blends -- Dual fuel (Natural Gas-Diesel) for light-duty industrial engines: a numerical and experimental investigation -- Emission after treatments for Advanced NG engines -- On Solving Engine Control Challenges of Natural Gas Engines Subject to Varying Fuel Compositions -- Modeling of Direct Gas Injection through a Poppet-type Outwardly opening Injector in Internal Combustion Engines -- Advanced CFD analyses for the design of innovative and dedicated NG engines -- Development of RCCI CNG-diesel concept for light-duty engines: Comprehensive Analysis of the Influence of Design and Calibration Parameters on Performance and Emissions -- Natural Gas Composition Variation: How to Avoid Knock While Maintaining Vehicle Power and Torque Requirements -- Advanced Combustion in Natural Gas Engines for Transportation and Power Generation.
Sommario/riassunto	This book covers the various advanced reciprocating combustion engine technologies that utilize natural gas and alternative fuels for transportation and power generation applications. It is divided into three major sections consisting of both fundamental and applied technologies to identify (but not limited to) clean, high-efficiency opportunities with natural gas fueling that have been developed through experimental protocols, numerical and high-performance computational simulations, and zero-dimensional, multizone combustion simulations. Particular emphasis is placed on statutes to monitor fine particulate emissions from tailpipe of engines operating on natural gas and alternative fuels.