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Titolo	Methanol and the Alternate Fuel Economy [[electronic resource] /] / edited by Avinash Kumar Agarwal, Anirudh Gautam, Nikhil Sharma, Akhilendra Pratap Singh
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Descrizione fisica	1 online resource (231 pages)
Collana	Energy, Environment, and Sustainability, , 2522-8366
Disciplina	662.6692
Soggetti	Renewable energy resources Sustainable development Automotive engineering Transportation Renewable and Green Energy Sustainable Development Automotive Engineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Liquid Sunshine for Indian Railways -- Prospective of methanol economy -- Enabling rural economy in India to partially substitute petroleum products by methanol- technology solutions and policy support -- Petroleum Carcinogenecity: The Indian Challenge -- Methanol as a Locomotive Fuel: Challenges and Opportunities for India -- Reactivity-Controlled Compression Ignition Combustion Engine using Alcohols -- Impact of tri-fuel on compression ignition engine emissions- Blends of waste frying oil – alcohol – diesel -- Exhaust Emissions of an Automotive Diesel Engine Fuelled with Petro- Diesels and B20 Blends -- Exhaust Emissions of DI-CI Engine Fuelled with Neat Biodiesel Fuels -- Energy analysis biodiesel: environmental aspects -- H2 Enriched CNG as Alternative fuel for Internal Combustion Engines -- Review on the use of essential oils in compression ignition engines -- Biogas as a Fuel for Agricultural Applications -- Methanol as an Alternative fuel for Diesel Engine.
Sommario/riassunto	This book discusses the emerging research centred on using methanol-

whose excellent fuel properties, easy production and relative compatibility with existing technology- make it attractive to researchers looking to alternative fuels to meet the rising energy demand. The volume is divided into broadly 2 parts which discuss various aspects of the proposed methanol economy and the technological advances in engine design for the utilisation of this fuel. This book will be of interest to researchers and policy makers interested in using methanol as the principal source of ready and stored energy in societal functioning. .
