

1.	Record Nr.	UNIORUON00104874
	Autore	YAO Jiheng
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2.	Record Nr.	UNINA9910768175703321
	Autore	Boichenko Sergii
	Titolo	Modern Technologies in Energy and Transport // edited by Sergii Boichenko, Artur Zaporozhets, Anna Yakovlieva, Iryna Shkilniuk
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	Altri autori (Persone)	ZaporozhetsArtur YakovlievaAnna ShkilniukIryna
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Nota di contenuto

Decisions for Alternative Energy Sources Use in Modern Transport,-
Econometrics of the Functional Connection of the Price and Reliability
of Hybrid Aircraft Technology -- Implementation Research of
Alternative Fuels and Technologies in Maritime Transport -- Innovative
Technologies for the Maritime Industry: Hydrogen Fuel as a Promising
Direction -- The Improvement of Fuel Efficiency and Environmental
Characteristics of Diesel Engine by Using Biodiesel Fuels -- Absorption
Technologies for Biomethane Production from Biogas to Replace
Natural Gas in Gas Distribution Networks and Use as Motor Fuel.

Sommario/riassunto

The book is composed of 15 chapters in total. All chapters presented by the authors (co-authors) are published in the author's edition and aim to present an issue on how to achieve more sustainable and more environmentally safe development of modern transport and energy sector. The chapters are grouped into 3 parts. The first part "Decisions for alternative energy sources use in modern transport" represents novel solutions in alternative energy sources development and implementation in different spheres of the modern transport sector. The second part "Solutions for reducing negative impact of energy and transport on environment" is devoted to advances in technologies aimed on reducing impact of energy and transport sectors on environment and utilization of waste. The third part of the book "Advance in alternative motor fuels technology" represents recent developments in chemical technology of alternative fuels production and aspects of modern fuels quality control.
