1. Record Nr. UNINA9910983334303321

Autore	Giri Ashutosh K
Titolo	Electric Vehicle Charging Infrastructures and its Challenges / / edited by Ashutosh K. Giri, Madhusudan Singh
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	9789819603619 9819603617
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (318 pages)
Collana	Studies in Infrastructure and Control, , 2730-6461
Altri autori (Persone)	SinghMadhusudan
Disciplina	621.31
Soggetti	Electric power production Vehicles Electric power distribution Electrical Power Engineering Vehicle Engineering Energy Grids and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction Of EV Charging Infrastructures, Opportunities And Challenges -- Allocation Of Charging Infrastructure -- Application Of Power Converters In Ev Charging Infrastructure -- Renewable Energy Based Ev Charging Infrastructures -- Power Control And Load Balancing -- Power Quality Issues in EV Charging infrastructure -- Energy Storage Technology.
Sommario/riassunto	The book presents basic terminologies of charging infrastructures such as types, levels, and suitable power converters applications. Various energy storage technologies, such as lithium-ion batteries charging strategies and battery management system (BMS) and battery swapping, are discussed in the book. In this book, some guidelines by the Ministry of Power and Ministry of Housing (Government of India) are discussed which can help an individual to set up a charging infrastructure at their end. Also, the novel idea and concepts developed by the researchers/academia and practicing engineers working in the domain of the EV charging infrastructures are incorporated. The active and reactive power control strategy along with other parameters

		estimation and control are also included to make this book popular among the readers.

2.	Record Nr.	UNINA9911015870503321
	Autore	Glimm Frieder
	Titolo	Business Model and Relevant Financing Options in the Area of Autonomous Mobility-as-a-Service / / by Frieder Glimm
	Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer Gabler, , 2025
	ISBN	3-658-49011-X
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (157 pages)
	Disciplina	388.049
	Soggetti	Transportation Industries Transportation Economics Sector and Industry Studies
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Introduction -- Definition Of Main Terms And Literature Review For Autonomous Mobility-As-A-Service, The Business Model And Innovative Financing Options -- Definition Of The Research Objectives, Hypotheses And Methodology -- Results And Findings -- Discussion -- Conclusion.
	Sommario/riassunto	The theoretical part of this book defines the basic terminology on the topic of Autonomous Mobility-as-a-Service (AMaaS). The main goal of the work is to develop a viable business model in the area of AMaaS in Germany. As secondary objectives, relevant innovative financing options are analyzed and the potential market for AMaaS in Germany is examined. For this purpose, a cross-sectional survey is carried out to identify determinants influencing willingness to use. The application part of the book focuses on the potential of the practical introduction of the developed business model. The advantages and risks of implementation are worked out and recommendations are derived. Overall, the work shows, how AMaaS can be established as a

substitution for car ownership in Germany. About the author Frieder Glimm holds a Ph.D. from the Department of Economics and Finance at the Bratislava University of Economics and Management (BUEM), as well as a Master of Science in Business Consulting and Digital Management. He currently works as a corporate customer advisor at a bank, bringing previous experience as a public funding specialist and business development manager. His Research areas are mobility, finance, and business model development.