

1. Record Nr.	UNINA9910639997403321
Autore	El-Shahat Adel
Titolo	Wireless Power Transfer for Electric Vehicles
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-6077-7
Descrizione fisica	1 electronic resource (208 p.)
Soggetti	Technology: general issues History of engineering & technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>The objective of this book is to publish the most recent technological advancements, and theoretical and practical research outcomes, alongside high-quality literature reviews on wireless power transfer to charge electric vehicles. More substantial research is proposed due to the fast-growing market for electric vehicles, and recent advances in wireless power transfer techniques have the potential to make this technology available for all consumers by overcoming its drawbacks. For instance, one of the major downsides to EVs is the requirement for an automobile to be idle during charging times. This problem can be solved by implementing dynamic wireless power transfer (WPT) with a higher power transfer efficiency (PTE). So, this book endeavors to create a major forum for investigating recent advances and the envisioned future in wireless power transfer for electric vehicles in terms of modeling, design, performance, operation, control, implementation, storage, electric machines, power electronics converters, optimization, cost, charging techniques, and applications. This book provides valuable contributions to the field of electric vehicles: inductive power transfer concepts; airport inductive charging infrastructures; the design of a wireless charging system for an e-bike with grid connection; control of renewables; social, economic, political, and technical factors for dynamic wireless charging; the influence of posture and coil position on the safety of a WPT; double-coil dynamic shielding</p>

technology for WPT; reduction in cogging torque in a PM brushless DC motor; and optimal dynamic scheduling of EVs in a parking lot.

2. Record Nr.	UNINA9910829799403321
Autore	Montale, Eugenio
Titolo	Satura / Eugenio Montale ; a cura di Riccardo Castellana ; con un saggio di Romano Luperini e uno scritto di Franco Fortini
Pubbl/distr/stampa	Milano, : Mondadori, 2018
ISBN	978-88-04-70065-4
Descrizione fisica	LXIX, 332 p. ; 20 cm
Collana	Lo specchio. I poeti del nostro tempo
Disciplina	851.912
Locazione	FLFBC
Collocazione	851.912 MONT 18 (1)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
