1. Record Nr. UNINA9910842498303321

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Titolo	The Proceedings of 2023 International Conference on Wireless Power Transfer (ICWPT2023) [[electronic resource]] : Volume I / / edited by Chunwei Cai, Xiaohui Qu, Ruikun Mai, Pengcheng Zhang, Wenping Chai, Shuai Wu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9708-73-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (748 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 1158
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Disciplina	621.3815
Soggetti	Electronic circuits Telecommunication Electric power production Control engineering Electronic Circuits and Systems Microwaves, RF Engineering and Optical Communications Electrical Power Engineering Control and Systems Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1.Quadrature Six-coils Wireless Charging with High Misalignment Tolerance and Constant Voltage Output -- Chapter 2. Inductively Coupled Power Transfer System Based Constant Voltage and Constant Current Charging for Rail Transit System -- Chapter 3. Modeling and Analysis of Bidirectional Wireless Power Transfer System with Asymmetric Parameters -- Chapter 4.Design and research on coupling mechanism of inductive power transmission -- Chapter 5. Characteristics of Wireless Power Transmission based on a New Spiral Resonant Coil -- Chapter 6 Efficiency Optimization Method for Wireless

Power Transfer System Between the Rocket and the Ground Based on Energy Compensation -- Chapter 7.Design and Modeling of Helmholtz Coil Based on Winding Method Optimization -- Chapter 8.Applicability analysis of Coupled-mode Theory Model in Capacitive Power Transfer system -- Chapter 9.Optimal Efficiency Control of Multiple Transmitting Array WPT System for Constant Power -- Chapter 10. Optimized Design of the DD Coil for Improved Misalignment Tolerance.

Sommario/riassunto

This book includes original, peer-reviewed research papers from the 2023 International Conference on Wireless Power Transfer (ICWPT2023), held in Weihai, China. The topics covered include but are not limited to: wireless power transfer technology and systems, coupling mechanism and electromagnetic field of wireless power transfer systems, latest developments in wireless power transfer system, and wide applications. The papers share the latest findings in the field of wireless power transfer, making the book a valuable asset for researchers, engineers, university students, etc.