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Nota di contenuto	Quadrature Six-coils Wireless Charging with High Misalignment Tolerance and Constant Voltage Output -- Inductively Coupled Power Transfer System Based Constant Voltage and Constant Current Charging for Rail Transit System -- Modeling and Analysis of Bidirectional Wireless Power Transfer System with Asymmetric Parameters -- Design and research on coupling mechanism of inductive power transmission -- Characteristics of Wireless Power Transmission based on a New Spiral Resonant Coil -- Efficiency Optimization Method for Wireless Power Transfer System Between the Rocket and the Ground Based on Energy Compensation -- Design and Modeling of Helmholtz Coil Based on Winding Method Optimization -- Applicability analysis of Coupled-mode Theory Model in Capacitive Power Transfer system -- Optimal Efficiency Control of Multiple Transmitting Array WPT System for Constant Power -- Optimized Design of the DD Coil for Improved Misalignment Tolerance.
Sommario/riassunto	This book includes original, peer-reviewed research papers from the 2022 International Conference on Wireless Power Transfer (ICWPT2022), held in Chongqing, 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