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Soggetti	Electronic circuits Power electronics Automatic control Mathematical optimization Electronic Circuits and Devices Power Electronics, Electrical Machines and Networks Control and Systems Theory Optimization
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Nota di contenuto	Introduction -- Electro-Magnetic Design of LIM -- Dynamic Modeling of LIMs -- Advanced Design Optimization Techniques of Linear Machines -- Superconducting Linear Machines -- Loss Minimization Control of LIM and Drives -- Model Predictive Control of LIM -- Non-linear Control Techniques for LIMs -- Sensorless Control Techniques for LIMs.
Sommario/riassunto	This book collects the latest theoretical and technological concepts in the design and control of various linear machines and drive systems. Discussing advances in the new linear machine topologies, integrated modeling, multi-objective optimization techniques, and high-performance control strategies, it focuses on emerging applications of linear machines in transportation and energy systems. The book presents both theoretical and practical/experimental results, providing a consistent compilation of fundamental theories, a compendium of current research and development activities as well as new directions to overcome critical limitations.

