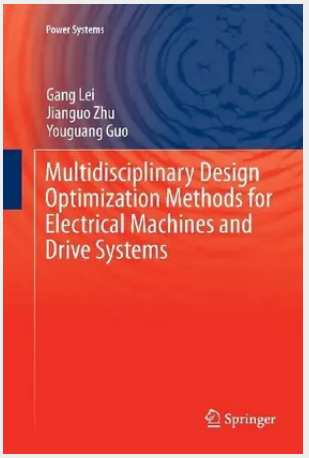
Lei / Zhu / Guo

Multidisciplinary Design Optimization Methods for Electrical Machines and Drive Systems



This book presents various computationally efficient component- andsystem-level design optimization methods for advanced electrical machines anddrive systems. Readers will discover novel design optimization conceptsdeveloped by the authors and other researchers in the last decade, includingapplication-oriented, multi-disciplinary, multi-objective, multi-level, deterministic,and robust design optimization methods. A multi-disciplinary analysis includesvarious aspects of materials, electromagnetics, thermotics, mechanics, powerelectronics, applied mathematics, manufacturing technology, and quality controland management. This book will benefit both researchers and engineers in thefield of motor and drive design and manufacturing, thus enabling the effectivedevelopment of the high-quality production of innovative, high-performancedrive systems for challenging applications, such as green energy systems andelectric vehicles.

93,08 €
86,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783662569962
Medium: Buch
ISBN: 978-3-662-56996-2
Verlag: Springer
Erscheinungstermin: 30.03.2018
Sprache(n): Englisch
Auflage: Softcover Nachdruck of the original 1. Auflage 2016
Serie: Power Systems
Produktform: Kartoniert
Gewicht: 394 g
Seiten: 241
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)