1. Record Nr.   UNINA9910346859603321

   Autore   Montoya Francisco G

   Titolo   Optimization Methods Applied to Power Systems: Volume 1

   Pubbl/distr/stampa MDPI - Multidisciplinary Digital Publishing Institute, 2019

   ISBN   3-03921-131-5

   Descrizione fisica 1 electronic resource (382 p.)

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Sommario/riassunto This book presents an interesting sample of the latest advances in optimization techniques applied to electrical power engineering. It covers a variety of topics from various fields, ranging from classical optimization such as Linear and Nonlinear Programming and Integer and Mixed-Integer Programming to the most modern methods based on bio-inspired metaheuristics. The featured papers invite readers to delve further into emerging optimization techniques and their real application to case studies such as conventional and renewable energy generation, distributed generation, transport and distribution of electrical energy, electrical machines and power electronics, network optimization, intelligent systems, advances in electric mobility, etc.