Record Nr. UNINA9911019656303321 Autore Hadisaid Nouredine Titolo Power systems and restructuring / / Nouredine Hadjsaid, Jean-Claude Sabonnadiere; [translated from the French by Yahia Baghzouz] Pubbl/distr/stampa London, : ISTE Hoboken, N.J., : Wiley, 2009 **ISBN** 9781118558300 1118558308 9781118599921 1118599926 9781118599983 1118599985 9781299187382 1299187382 Descrizione fisica 1 online resource (705 p.) Collana ISTE Altri autori (Persone) SabonnadiereJean-Claude BaghzouzYahia Disciplina 621.319/1 Soggetti Electric power systems Electric networks Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "First published 2007 and 2008 in France by Hermes Science/Lavoisier Note generali in 4 volumes entitled: Lignes et reseaux electriques"--T.p. verso. Includes bibliographical references (p. [665]-669) and index. Nota di bibliografia Nota di contenuto pt. 1. Transmission lines and electric power networks -- pt. 2. Analysis methods of electrical power systems -- pt. 3. Management of electricity networks in a competitive environment -- pt. 4. Exercise solutions. Sommario/riassunto The development of electric power systems has been made up of incremental innovations from the end of the 19th century and throughout the 20th century. The creation of deregulated electricity markets has brought about an emerging paradigm in which the relationships between producers, power system operators and consumers have changed enormously compared to the monopolistic case. The scope of this book is to provide fundamental concepts of the

physics and operation of transmission and distribution lines, which is

the content of Part 1, followed by the models and tools for the description and s