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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