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Altri autori (Persone)	LiYongdong XuLie ChaiJianyun
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Sommario/riassunto	The book focuses on wind power generation systems. The control strategies have been addressed not only on ideal grid conditions but also on non-ideal grid conditions, which are more common in practice, such as kinds of asymmetrical grid conditions and weak grid conditions. This is achieved by providing in-depth study on a number

of major topics such as mathematical models, modeling methods, dynamic characteristics on ideal grid condition and non-ideal grid conditions, advanced control strategies, and novel topologies. The comprehensive and systematic elaboration of wind power systems by a large number of original simulations and experimental results from the authors' research group is one of the major features of the book, which is particularly suited for readers who are interested in learning practical solutions to wind power systems. The book benefits researchers, engineers, graduate students, and senior undergraduate students in fields of electrical engineering, power electronics, wind power generation, etc.