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Autore	Li Fusheng
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Sommario/riassunto	This book is based on the authors' research and microgrid projects since 2009, and is the most up-to-date resource on the development of microgrid technologies. In addition to basic facility and network design concepts, it covers related subjects including power supply programming and energy optimization, which means it can serve as a single volume reference to the complete microgrid system implementation. Provides a systematic introduction to the basic concepts, key technologies, and practical design methods of microgrids Covers the theoretical design and implementation of microgrid facilities, including practical operational issues, monitoring and control. The balance of theoretical and applied content will be of real value to engineers who are specifying and design systems in regions with limited experience of microgrid systems Includes real-life examples and projects to help implement the content effectively