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Autore	Cruz Jose B (Jose Behar), <1932->
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Altri autori (Persone)	TanXiaohuan
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [85]-98) and index.
Nota di contenuto	Restructuring in the electricity industry -- Game theory and strategic bidding -- Adaptation for N-person games -- Sensitivity analysis of uncertainties -- Price strategies in mixed-strategy solutions -- Conclusion.
Sommario/riassunto	The deregulated electricity markets are expected to be perfectly competitive, yet they remain oligopolistic in which the market participants are able to exercise market power to "game" the markets. Game theory, by its nature, is considered as the appropriate framework to study the interactive behaviours of decision makers with conflict of interest. Substantial research has been devoted to study gaming behaviour in the deregulated electricity market using game theory. However, most of the modelling of the markets is static and this type of model leads to non-optimal results for long-term strategic planning due to the inherent dynamic nature of the market. This book formulates and describes the gaming behaviour in the deregulated electricity market from a dynamic point of view, considering long-term interests in a changing environment. It starts with a review of the current situation of deregulation and a brief review of near-term energy issues. The book includes the latest results on bidding dynamic strategies for such markets.