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Note generali	Includes index.
Nota di contenuto	1: Foundations of Random-like Bi-level Decision Making -- 2: Bi-level Decision Making in Random Phenomenon -- 3: Bi-level Decision Making in Ra-Ra Phenomenon -- 4: Bi-level Decision Making in Ra-Fu Phenomenon -- 5: Methodology From an Equilibria Viewpoints -- Appendix: MATLAB Codes -- Index.
Sommario/riassunto	Among the various multi-level formulations of mathematical models in decision making processes, this book focuses on the bi-level model. Being the most frequently used, the bi-level model addresses conflicts which exist in multi-level decision making processes. From the perspective of bi-level structure and uncertainty, this book takes real-life problems as the background, focuses on the so-called random-like

uncertainty, and develops the general framework of random-like bi-level decision making problems. The random-like uncertainty considered in this book includes random phenomenon, random-overlapped random (Ra-Ra) phenomenon and fuzzy-overlapped random (Ra-Fu) phenomenon. Basic theory, models, algorithms and practical applications for different types of random-like bi-level decision making problems are also presented in this book.

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