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Titolo	Applications of Operations Research and Management Science for Military Decision Making // by William P. Fox, Robert Burks
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Nota di contenuto	Chapter 1: Mathematical Modeling and Operations Research for Military Decision Making -- Chapter 2: Statistics, Probability, and Model Fitting -- Chapter 3 Model Fitting with Regression -- Chapter 4: Mathematical Programming (Optimization) -- Chapter 5: Decision Analysis using Multi-attribute Decision Making -- Chapter 6: Game Theory Models -- Chapter 7: Modeling Change with Dynamical Systems Models and Differential Equations -- Chapter 8: Monte Carlo Simulation & Agent Based Models -- Chapter 9 Supply Chain Network Logistics.
Sommario/riassunto	Based on many years of applied research, modeling and educating future decision makers, the authors have selected the critical set of mathematical modeling skills for decision analysis to include in this book. The book focuses on the model formulation and modeling building skills, as well as the technology to support decision analysis. The authors cover many of the main techniques that have been incorporated into their three-course sequence in mathematical modeling for decision making in the Department of Defense Analysis at

the Naval Postgraduate School. The primary objective of this book is illustrative in nature. It begins with an introduction to mathematical modeling and a process for formally thinking about difficult problems, illustrating many scenarios and illustrative examples. The book incorporates the necessary mathematical foundations for solving these problems with military applications and related military processes to reinforce the applied nature of the mathematical modeling process.

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