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Descrizione fisica	1 online resource (192 pages)
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Sommario/riassunto	This book presents a comprehensive overview of the principles and practices of decision-making. It highlights the interface between engineering/technology and the organizational, administrative, and planning abilities of decision-making. The chapters address decision-making using real-world case studies. They also discuss decision-making theory as well as relevant analysis techniques. The book blends computational techniques, dynamic analysis, probabilistic methods, and mathematical optimization techniques to support the analysis of multi-criteria decision-making problems with defined constraints and requirements.