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| Nota di contenuto | Evaluating the Quality of Radiotherapy Treatment Plans for Prostate Cancer -- Benchmarking Using Data Envelopment Analysis: Application to Stores of a Post and Banking Business -- DESDEO: An Open Framework for Interactive Multiobjective Optimization -- Integrating managerial preferences into the qualitative multi-criteria evaluation of team members -- Robust ranking of universities evaluated by hierarchical and interacting criteria -- A multiple criteria approach for cultural adaptive reuse of abandoned buildings in Turin -- Assigning Regions to Sales Representatives at Pfizer Turkey -- Collaborative management of ecosystem services in Natural Parks based on AHP and PROMETHEE -- Using FITradeoff for supporting a decision process of a multicriteria decision problem -- Lean and Green Supplier Selection Problem: A Novel Multi Objective Linear Programming Model for an Electronics Board Manufacturing Company in Turkey. . |

Sommario/riassunto

This book introduces students on Multiple Criteria Decision Aiding and Making courses to practical, real-world cases. Each case study introduces a problem or situation together with a method, and a description and explanation of a computer application. In this sense each chapter is based on four pillars: the problem, the model building, the methods and their implementation. The book presents and elaborates a rich and comprehensive set of practical problems comprising multiple criteria, including numerous approaches for their solution, for decision support or decision aid. It complements traditional textbooks and lecture material by employing case studies to promote a deeper understanding of the investigated concepts and help students apply these methods to other areas.
