

Table of Contents

The First International Summer School on MCDM B. Matarazzo	IX
1. Introduction: MCDM on Its Way to Maturity G. Fandel and J. Spronk	1
PART A: MULTIPLE CRITERIA DECISION METHODS AND SUPPORT	9
2. Basic Concepts for Multicriteria Decision Support E. Jacquet-Lagrèze	11
3. Multiattribute Utility Theory as a Basic Approach Ph. Vincke	27
4. Outranking Methods A. Ostanello	41
5. An Informal Introduction to Multicriteria Evaluation P. Nijkamp and H. Voogd	61
6. Multiple Criteria Mathematical Programming: an Overview and Several Approaches S. Zionts	85
7. Mathematics of the Multiple Objective Programming Problem - a Tutorial H. Isermann	129
8. Decision Concepts for Organisations G. Fandel	153
9. Theories of Risk and MCDM G. Colson	171

	Page
10. Data Structures and Complexity of Algorithms for Discrete MCDM Methods J. Fichetef	197
11. Data Base Approach for Multicriteria Decision Support Systems (MCDSS) M.T. Jelassi, M. Jarke and A. Checroun	227
12. Design of Computer Support for Multicriteria and Multiperson Decisions in Regional Water Resources Planning H. Schaffers	245
PART B: APPLICATIONS	267
13. Financial Planning with Conflicting Objectives J. Spronk	269
14. Interactive Multiple Goal Programming for Bank Portfolio Selection J. Spronk and G. Zambruno	289
15. MCDM Problems in Rabobank Nederland J. Telgen	307
16. On the Applicability of Game-Theoretic and Bargaining Methods to a Wage Bargaining Problem G. Fandel	317
17. Computer Selection and Multicriteria Decision Aid J. Fichetef	337
18. A Methodology for Multiple Criteria Environmental Plan Evaluation R. Janssen, P. Nijkamp and H. Voogd	347
19. An Example of Comparison of Two Decision-Aid Models B. Roy and D. Bouyssou	361
20. Multiple Criteria Analysis in Energy Planning and Policy Assessment M. Grauer	382
LIST OF CONTRIBUTORS	400