

CONTENTS

| | |
|--|------------|
| PREFACE | vii |
| SECTION I. MULTI-ATTRIBUTE UTILITY | |
| EDITORS' INTRODUCTION | 3 |
| G. W. FISCHER / Experimental Applications of Multi-Attribute Utility Models | 7 |
| D. VON WINTERFELDT and G. W. FISCHER / Multi-Attribute Utility Theory: Models and Assessment Procedures | 47 |
| E. JACQUET-LAGRÈZE / How We Can Use the Notion of Semi-Orders to Build Outranking Relations in Multi-Criteria Decision Making | 87 |
| D. VON WINTERFELDT / Multi-Criteria Decision Making: Comments on Jacquet-Lagrèze's Paper | 113 |
| P. HUMPHREYS and A. HUMPHREYS / An Investigation of Subjective Preference Orderings for Multi-Attributed Alternatives | 119 |
| SECTION II. SUBJECTIVE PROBABILITY | |
| EDITORS' INTRODUCTION | 137 |
| A. TVERSKY and D. KAHNEMAN / Judgment under Uncertainty: Heuristics and Biases | 141 |
| G. F. PITZ / A Structural Theory of Uncertain Knowledge | 163 |
| A. H. MURPHY and R. L. WINKLER / Subjective Probability Forecasting: Some Real World Experiments | 177 |
| J. SELVIDGE / A Three-Step Procedure for Assigning Probabilities to Rare Events. | 199 |
| SECTION III. PROBABILITY IN COURTROOM DECISION MAKING | |
| EDITORS' INTRODUCTION | 219 |

| | |
|--|-----|
| D. V. LINDLEY / Probabilities and the Law | 223 |
| W. B. FAIRLEY / Probabilistic Analysis of Identification Evidence | 233 |
| C. R. MARSHALL and J. A. WISE / Juror Decisions and the Determination of Guilt in Capital Punishment Cases: A Bayesian Perspective | 257 |

SECTION IV. SOME ALTERNATIVE VIEWS ON DECISION BEHAVIOR

| | |
|--|-----|
| EDITORS' INTRODUCTION | 273 |
| B. M. S. VAN PRAAG / Utility, Welfare, and Probability: An Unorthodox Economist's View | 279 |
| F. ÖLANDER / Search Behavior in Non-Simultaneous Choice Situations: Satisficing or Maximizing? | 297 |
| R. M. HOGARTH / Decision Time as a Function of Task Complexity | 321 |
| D. L. FORD: Decision Time and Task Complexity: Comments on Hogarth's Paper | 339 |

SECTION V. DYNAMIC DECISION MAKING

| | |
|---|-----|
| EDITORS' INTRODUCTION | 347 |
| A. RAPOPORT / Research Paradigms for Studying Dynamic Decision Behavior | 349 |
| G. D. KLEITER / Dynamic Decision Behavior: Comments on Rapoport's Paper | 371 |

SECTION VI. PROBLEMS OF COLLECTIVE DECISION MAKING

| | |
|--|-----|
| EDITORS' INTRODUCTION | |
| H. MOSKOWITZ / Some Observations on Theories of Collective Decisions | 381 |
| G. MAJONE / The Use of Decision Analysis in the Public Sector | 397 |
| INDEX OF NAMES | 409 |
| INDEX OF SUBJECTS | 413 |