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Altri autori (Persone)	DzhafarovEhtibar N PerryLacey
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Contents; 1. The Impossibility of a Satisfactory Population Ethics Gustaf Arrhenius; 1.1. Introduction; 1.2. The Basic Structure; 1.3. Adequacy Conditions; 1.4. The Impossibility Theorem; 1.4.1. Lemma 1.1; 1.4.2. Lemma 1.2; 1.4.3. Lemma 1.3; 1.4.4. Lemma 1.4; 1.5. Discussion; Acknowledgments; References; 2. Explaining Interference Effects Using Quantum Probability Theory Jerome R. Busemeyer and Jennifer S. Trueblood; 2.1. Introduction; 2.2. What Is an Interference Effect?; 2.3. What Is the Evidence for Interference Effects?; 2.3.1. Perception of ambiguous figures 2.3.2. Categorization - decision making 2.3.3. Disjunction effect in decision making; 2.4. What Are the Explanations for These Effects?; 2.4.1. Markov model; 2.4.2. Quantum model; 2.4.3. Quantum noise model; 2.5. What Next?; References; 3. Defining Goodness and Badness in Terms of Betterness Without Negation Erik Carlson; 3.1. Introduction; 3.2. Assumptions; 3.3. Defining the Monadic Value Predicates; 3.4. Incomparability and Indeterminacy; 3.5. Giving Up Monotonicity; 3.6. Conclusion; Acknowledgments; Appendix: Proofs.; References 4. Optimality in Multisensory Integration Dynamics: Normative and

Descriptive Aspects Hans Colonius and Adele Diederich 4.1. Introduction; 4.1.1. Two basic experimental paradigms; 4.1.2. The race model; 4.2. Time Window of Integration (TWIN) Model: Assumptions and Predictions; 4.2.1. Deriving TWIN predictions for RTP and FAP; 4.3. Towards an Optimal Time Window of Integration; 4.3.1. The basic decision situation; 4.3.2. Deriving an optimal decision rule; 4.3.3. Optimal time window in focused attention paradigm; 4.4. Two Empirical Studies of Time Window Optimality 4.4.1. The effect of prior probability: The van Wanrooij et al. 2010 study 4.4.2. The effect of age: The Diederich et al. 2008 study; 4.5. Summary and Outlook; Acknowledgments; Appendix 1; Appendix 2; References; 5. On the Reverse Problem of Fechnerian Scaling Ehtibar N. Dzhafarov; 5.1. Background; 5.2. Problem; 5.3. General Considerations; 5.4. Special Stimulus Spaces; 5.4.1. Directly linked spaces; 5.4.2. Spaces with metric-in-the-small dissimilarities; 5.4.3. Uniformly discrete spaces; Acknowledgments; References; 6. Bayesian Adaptive Estimation: A Theoretical Review Janne V. Kujala 6.1. Introduction 6.1.1. Psychophysics; 6.1.2. The greedy strategy; 6.1.3. The entropy loss function and mutual information; 6.1.4. Calculating expected information gain; 6.1.5. Nuisance variables and utility weights; 6.1.6. Global strategies; 6.1.7. The globally optimal strategy; 6.1.8. Non-adaptive and batch strategies; 6.2. Examples; 6.2.1. A simplified psychometric model; 6.2.1.1. Success of the greedy strategy; 6.2.1.2. Non-adaptive and batch strategies; 6.2.1.3. Comparison; 6.2.2. Exploration versus exploitation; 6.2.3. Inappropriate utility function; 6.3. Random Cost of Observation 6.3.1. Obtaining the best value for money

Sommario/riassunto

The aim of the book is to present side-by-side representative and cutting-edge samples of work in mathematical psychology and the analytic philosophy with prominent use of mathematical formalisms.

2. Record Nr.	UNINA9910154804303321
Autore	Deane Mary <1975->
Titolo	Critical thinking and analysis // by Mary Deane, Erik Borg
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ISBN	1-283-73389-7 1-4082-3700-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xviii, 120 p.)
Collana	Inside track
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Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Acknowledgements About the authors Preface Introduction Part 1: Reading Chapter 1: Everyday critical thinking Chapter 2: Joining a conversation Chapter 3: Building on scholarship Part 2: Planning Chapter 4: Components of critical thinking Chapter 5: A strategy for analysis Part 3: Writing Chapter 6: Preparing to write Chapter 7: Scholarly writing Part 4: Reflection Chapter 8: Reflective critical thinking Chapter 9: Your career Conclusion References
Sommario/riassunto	This book is designed for students to use independently to enhance their critical thinking skills. It contains advice and examples of students writing to illustrate poor performance and demonstrate how to produce effective critical discourse.