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Autore	Manktelow Ken
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Nota di contenuto	Cover; Thinking and Reasoning; Copyright; Contents; Preface; Chapter 1 : Judging and thinking about probability; Defining probability; Logical possibility; Frequency; Propensity; Degree of belief; Belief revision; Bayes' rule; Judging plain probabilities; Logical possibilities; Frequencies; Taking samples: where our information comes from; Belief updating; Base rates: neglect or respect?; Belief revision by natural frequencies; Probability from the inside and the outside; The planning fallacy; Overconfidence; The conjunction fallacy; Summary Chapter 2 : The study of reasoning: classic researchThe classical syllogism: reasoning with quantities; Validity; Reasoning with syllogisms; Patterns in human performance; Explaining the patterns of performance; Mental logic; Mental models; Probability heuristics; Summary; Chapter 3 : Reasoning with propositions; If: conditionals; Knowing p , knowing q : inferences and truth tables; Research results; The Wason selection task; Reasoning with Or: disjunctives; Research results; Wason's THOG problem; Summary; Chapter 4 : Reasoning and

meaning; Facilitation: the study of content effects
Deontic reasoning: thinking about rules Pragmatic reasoning schemas; Evolutionary approaches to deontic reasoning; Decision-theoretic approaches; Causal reasoning: thinking about how the world works; Causal reasoning about general events; The covariational approach to causal thinking; Prior knowledge and causal models; Causal models theory; Single cases and counterfactual thinking; Summary; Chapter 5 : Explaining reasoning: the classic approaches; Mental logic; Braine and O'Brien's theory of If; Rips' Psychop theory; The theory of mental models; Mental models and conditionals
The selection task Content and context; Illusory inferences; Causal and counterfactual reasoning; Summary; Chapter 6 : Explaining reasoning: the 'new paradigm'; Oaksford and Chater's Bayesian theory; Rational analysis; Matching bias; The deontic selection task; Conditional inference; Evans and Over's suppositional theory; The dual process theory; Dual processes in the selection task; Belief bias in syllogistic reasoning; Heuristic and analytic processes; Dual processes and dual systems; Dual minds; Summary; Chapter 7 : Hypothetical thinking: induction and testing; Induction
Induction and deduction Category-based induction; Extensions and explanations; Category-based induction without categories; Abduction: finding explanations and causes; Induction and deduction revisited; Hypothesis testing; Wason's 2 4 6 task and its descendants; Confirmation bias; Better hypothesis testing; Hypothesis testing in the wild; Hypothetical thinking theory; Summary; Chapter 8 : Decision making: preference and prospects; Subjective expected utility; Principles and problems; Complex decisions; Preference; Different utilities; Competing options; Framing: the effects of description
Prospect theory: a descriptive theory of decision making

Sommario/riassunto

The area of psychological research reviewed in this book is one that is not only increasing in popularity in college curricula, but is also making an ever larger impact on the world outside the classroom. Drawing upon research originally cited in Ken Manktelow's highly successful publication Reasoning and Thinking, this completely rewritten textbook reflects on the revolutionary changes that have occurred in the field in recent years, stemming from the huge expansion in research output, as well as new methods and explanations, and the appearance of numerous books on the subject aim