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Autore	Pratt Scott L.
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Descrizione fisica	1 online resource (273 p.)
Collana	New York Academy of Sciences
Disciplina	160
Soggetti	Logic
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The significance of logic -- The problem of abstraction -- The problem of dualism -- The problem of incommensurability -- The problem of boundaries -- Examples for discussion -- Premises and conclusions -- Exercises -- What is logic? -- The study of logic -- The concepts of truth and inference -- The process of inquiry -- Exercises -- Argument as inquiry -- Exercises -- Communicative action -- Strategic and communicative action -- Exercises -- Lifeworlds -- Exercises -- Validity -- Fallacies -- Exercises -- Theory of the syllogism -- Nominalism, realism, and abduction -- The theory of the syllogism -- Standard form propositions -- Exercises -- Direct inference -- Exercises -- The validity of syllogisms -- Exercises -- Induction and the limits of reason -- Limits of the syllogism -- The principles of induction -- Analogical arguments -- Exercises -- Causal arguments -- Exercises -- Probability -- Exercises -- Principles of order and deduction -- Modes of action -- Principles of order -- Logic and the act of judgment -- Deduction : the logic of assertions -- Graphical proofs of validity -- Exercises -- An overview of quantified logic -- Representing relations -- The meaning of quantifiers -- Exercises -- Rules of quantificational logic -- Exercises -- The validity of syllogisms -- Graphical proofs of validity -- Exercises -- Border agents and the problems of logic.

Sommario/riassunto

An enlightening introduction to the study of logic: its history, philosophical foundations, and formal structures *Logic: Inquiry, Argument, and Order* is the first book of its kind to frame the study of introductory logic in terms of problems connected to wider issues of knowledge and judgment that arise in the context of racial, cultural, and religious diversity. With its accessible style and integration of philosophical inquiry and real-life concerns, this book offers a novel approach to the theory of logic and its relevance to questions of meaning and value that arise in the world around us.
