

1. Record Nr.	UNINA9910438356803321
Autore	Geldsetzer Lutz
Titolo	Logical thinking in the pyramidal schema of concepts : the logical and mathematical elements // Lutz Geldsetzer, Richard L. Schwartz
Pubbl/distr/stampa	Dordrecht ; ; New York, : Springer, c2013
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Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (175 p.)
Altri autori (Persone)	SchwartzRichard L
Disciplina	164
Soggetti	Logic, Symbolic and mathematical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Logical Thinking in the Pyramidal Schema of Concepts: The Logical and Mathematical Elements; Contents; Translator's Introduction; 1 Logic, Empiricism, and Sense Experience; 2 Language, Meaning, Sensory Content, and Logical Form; 3 Intensions, Extensions, and Concepts; 4 The Pyramidal Formalism: Intensions and Extensions; 5 Logical Identity, Sense, and Reference; 6 Logical Connectors; 7 Equivalence and Singular and Particular Propositions; 8 Definitions and Equations; 9 Reflexive Self-Identity; 10 Contradictions and Geldsetzer's Empiricist Program 11 The Dominant Logical Conception of Contradictions12 Geldsetzer's Theory of Contradictions; 13 Examples of Contradictory Concepts; 14 Probability as a Contradictory Concept; 15 Contradictions, Propositions, and Theories,Especially Mathematical; 16 Set-theoretical and other Paradoxes; 17 The Foundations of Logic; Chapter 0: Preliminaries; Chapter 1: On Concepts; Chapter 2: On Logical Connectors (Junctors); Chapter 3: On De fi nitions; Chapter 4: On Propositions; Chapter 5: On Inferences; Chapter 6: On Theories; Chapter 7: On Axioms and Especially on the Real Axioms of Logic Corollaries and Annotations to the ParagraphsName Index; Subject Index
Sommario/riassunto	This new volume on logic follows a recognizable format that deals in turn with the topics of mathematical logic, moving from concepts, via definitions and inferences, to theories and axioms. However, this fresh work offers a key innovation in its 'pyramidal' graph system for the

logical formalization of all these items. The author has developed this new methodology on the basis of original research, traditional logical instruments such as Porphyrian trees, and modern concepts of classification, in which pyramids are the central organizing concept. The pyramidal schema enables both the content of concepts and the relations between the concept positions in the pyramid to be read off from the graph. Logical connectors are analyzed in terms of the direction in which they connect within the pyramid. Additionally, the author shows that logical connectors are of fundamentally different types: only one sort generates propositions with truth values, while the other yields conceptual expressions or complex concepts. On this basis, strong arguments are developed against adopting the non-discriminating connector definitions implicit in Wittgensteinian truth-value tables. Special consideration is given to mathematical connectors so as to illuminate the formation of concepts in the natural sciences. To show what the pyramidal method can contribute to science, a pyramid of the number concepts prevalent in mathematics is constructed. The book also counters the logical dogma of 'false' contradictory propositions and sheds new light on the logical characteristics of probable propositions, as well as on syllogistic and other inferences.

2.	Record Nr.	UNINA9910993893103321
	Autore	Halloran William F
	Titolo	Life and Letters of William Sharp and "Fiona Macleod"
	Pubbl/distr/stampa	Open Book Publishers, 2020
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia