

1. Record Nr.	UNINA9910300138703321
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Titolo	Ahmes' Legacy : Puzzles and the Mathematical Mind / / by Marcel Danesi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-93254-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIII, 164 p. 99 illus.)
Collana	Mathematics in Mind, , 2522-5405
Disciplina	519
Soggetti	Neural networks (Computer science) Neurosciences Psychology Mathematics History Anthropology Mathematical Models of Cognitive Processes and Neural Networks History of Psychology History of Mathematical Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Puzzles and Mathematics -- 2. An Archetype Theory of Puzzles -- 3. Puzzles and Discovery -- 4. Puzzles and Spatial Reasoning -- 5. The Mathematical Mind -- References -- Index.
Sommario/riassunto	This book looks at classic puzzles from the perspective of their structures and what they tell us about the brain. It uses the work on the neuroscience of mathematics from Dehaene, Butterworth, Lakoff, Núñez, and many others as a lens to understand the ways in which puzzles reflect imaginative processes blended with rational ones. The book is not about recreational or puzzle-based mathematics in and of itself but rather about what the classic puzzles tell us about the mathematical imagination and its impact on the discipline. It delves into the history of classic math puzzles, deconstructing their raison d' être and describing their psychological features, so that their nature can be fleshed out in order to help understand the mathematical mind.

This volume is the first monographic treatment of the psychological nature of puzzles in mathematics. With its user-friendly technical level of discussion, it is of interest to both general readers and those who engage in the disciplines of mathematics, psychology, neuroscience, and/or anthropology. It is also ideal as a textbook source for courses in recreational mathematics, or as reference material in introductory college math courses. .

2. Record Nr.	UNINA9910147174803321
Titolo	Acta medica martiniana = : Journal for biomedical sciences, clinical medicine, and nursing / / Jessinii Facultas Medicina Martinensis, Universitatis Comenianae
Pubbl/distr/stampa	Martin, : Jessenius Faculty of Medicine, ©2001-
ISSN	1338-4139
Descrizione fisica	1 online resource
Soggetti	Medicine Nursing Medicina Infermeria Periodical Periodicals. Revistes electròniques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from cover. Refereed/Peer-reviewed