

1. Record Nr.	UNINA9911140082603321
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Titolo	Mathematical reasoning : patterns, problems, conjectures, and proofs / / Raymond S. Nickerson
Pubbl/distr/stampa	New York, : Psychology Press, c2010
ISBN	1-136-94538-5 1-283-10585-3 9786613105851 1-136-94539-3 0-203-84802-0 9780203848029
Edizione	[1st ed.]
Descrizione fisica	1 online resource (597 p.)
Classificazione	SK 110
Disciplina	510.1/9
Soggetti	Mathematical analysis Reasoning Logic, Symbolic and mathematical Problem solving
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	Cover; Mathematical Reasoning: Patterns, problems, conjectures, and proofs; Copyright; Contents; The Author; Preface; 1. What Is Mathematics?; 2. Counting; 3. Numbers; 4. Deduction and Abstraction; 5. Proofs; 6. Informal Reasoning in Mathematics; 7. Representation in Mathematics; 8. Infinity; 9. Infinitesimals; 10. Predilections, Presumptions, and Personalities; 11. Esthetics and the Joys of Mathematics; 12. The Usefulness of Mathematics; 13. Foundations and the "Stuff" of Mathematics; 14. Preschool Development of Numerical and Mathematical Skills; 15. Mathematics in School 16. Mathematical Problem Solving17. Final Thoughts; References; Appendix: Notable (Deceased) Mathematicians, Logicians, Philosophers, and Scientists Mentioned in the Text; Author Index; Subject Index
Sommario/riassunto	"This book explores when and why the rudiments of mathematical capability first appeared among human beings, what its fundamental

concepts are, and how and why it has grown into the richly branching complex of specialties that it is today. It discusses whether the 'truths' of mathematics are discoveries or inventions and what prompts the emergence of concepts that appear to be descriptive of nothing in human experience. Also covered is the role of esthetics in mathematics: What exactly are mathematicians seeing when they describe a mathematical entity as "beautiful"? There is discussion of whether mathematical disability is distinguishable from a general cognitive deficit and whether the potential for mathematical reasoning is best developed through instruction." "This volume is unique in the vast range of psychological questions it covers, as revealed in the work habits and products of numerous mathematicians. It provides fascinating reading for researchers and students with an interest in cognition in general and mathematical cognition in particular. Instructors of mathematics will also find the book's insights illuminating."--BOOK JACKET.
