Record Nr. UNINA9910458221503321 Mathematical knowledge [[electronic resource] /] / edited by Mary Leng, **Titolo** Alexander Paseau and Michael Potter Pubbl/distr/stampa Oxford,: Oxford University Press, 2007 **ISBN** 1-281-15014-2 9786611150143 0-19-152789-0 Descrizione fisica 1 online resource (199 p.) Altri autori (Persone) LengMary PaseauAlexander PotterMichael D 510.1 Disciplina Soggetti Mathematics - Philosophy Philosophy Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "Stems from a conference on Mathematical Knowledge, held in Note generali Cambridge from 30 June to 2 July 2004"--Pref. Includes bibliographical references (p. [175]-183) and index. Nota di bibliografia Nota di contenuto Preface; List of contributors; Contents; Contents; Introduction; What is the problem of mathematical knowledge?; Mathematics, Memory, and Mental Arithmetic; Is there a problem of induction for mathematics?; The cognitive basis of mathematical knowledge; What's there to know?; Mathematical recreation versus mathematical knowledge; Scientific Platonism; On quantifying into predicate position; Bibliography; Index What is the nature of mathematical knowledge? Is it anything like Sommario/riassunto scientific knowledge or is it sui generis? How do we acquire it? Should we believe what mathematicians themselves tell us about it? Are mathematical concepts innate or acquired? Eight new essays offer answers to these and many other questions. -; What is the nature of mathematical knowledge? Is it anything like scientific knowledge or is it sui generis? How do we acquire it? Should we believe what mathematicians themselves tell us about it? Are mathematical concepts innate or acquired? Eight new essays offer answers to these and