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Autore	Guilbert, C. F.
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Altri autori (Persone)	FanLianghuo
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Nota di contenuto	How Chinese Learn Mathematics: Perspectives from Insiders; Focusing on the Chinese Way of Learning Mathematics: An Introduction; Contents; Chapter 1 How Have Chinese Students Performed in Mathematics? A Perspective from Large-Scale International Comparisons; Chapter 2 The Mathematics Curriculum: Toward Globalization or Westernization?; Chapter 3 Thinking Mathematically by Chinese Learners: A Cross-National Comparative Perspective; Chapter 4 An Examination of Coherence in a Chinese Mathematics Classroom; Chapter 5 A Chinese Cultural Model of Learning Chapter 6 Official Curriculum in Mathematics in Ancient China: How Did Candidates Study for the Examination?Chapter 7 The "Two Basics": Mathematics Teaching and Learning in Mainland China; Chapter 8 A Comparative Study on Composite Difficulty between New and Old Chinese Mathematics Textbooks; Chapter 9 Textbook Use within and beyond Chinese Mathematics Classrooms: A Study of 12 Secondary Schools in Kunming and Fuzhou of China; Chapter 10 Thorough Understanding of the Textbook: A Significant Feature of Chinese Teacher Manuals Chapter 11 Effects of Cram Schools on Children's Mathematics LearningChapter 12 Teaching with Variation: A Chinese Way of Promoting Effective Mathematics Learning; Chapter 13 Cracking the

Paradox of Chinese Learners: Looking into the Mathematics Classrooms in Hong Kong and Shanghai; Chapter 14 Identifying a Pattern of Teaching: An Analysis of a Shanghai Teacher's Lessons; Chapter 15 Differences within Communalities: How Is Mathematics Taught in Rural and Urban Regions in Mainland China?; Chapter 16 Teaching Approach: Theoretical or Experimental?
Chapter 17 Capturing the Chinese Way of Teaching: The Learning-Questioning and Learning-Reviewing Instructional ModelChapter 18 The Effects of Different Representations on Mathematics Learning of Chinese Children; Chapter 19 The CHC Learner's Phenomenon: Its Implications on Mathematics Education; Chapter 20 How Do Chinese Learn Mathematics? Some Evidence-Based Insights and Needed Directions; About the Contributors; Name Index; Subject Index

Sommario/riassunto

The book has been written by an international group of very activeresearchers and scholars who have a passion for the study of Chinesemathematics education. It aims to provide readers with a comprehensiveand updated picture of the teaching and learning of mathematicsinvolving Chinese students from various perspectives, including theways in which Chinese students learn mathematics in classrooms,schools and homes, the influence of the cultural and socialenvironment on Chinese students' mathematics learning, and thestrengths and weaknesses of the ways in which Chinese learnmathematics.