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| Nota di contenuto       | Contents; Introducing the Landscape of the Singapore Mathematics Education Journey Editorial Board; References; Part I Singapore Education and Mathematics Teacher Education; Chapter 1 Singapore Education and Mathematics Curriculum WONG Khoon Yoong LEE Ngan Hoe; Chapter 2 Mathematics Teacher Education: Pre-service and In-service Programmes LIM-TEO Suat Khoh; Chapter 3 Learning Communities: Roles of Teachers Network and Zone Activities CHUA Puay Huat; Chapter 4 Lesson Study in Mathematics: Three Cases from Singapore FANG Yanping . Christine Kim-Eng LEE SHARIFAH THALHA Bte Syed Haron<br>Chapter 5 Teacher Change in an Informal Professional Development Programme: The 4-I Model YEAP Ban Har HO Siew Yin Chapter 6 Singapore Master Teachers in Mathematics Juliana Donna NG Chye Huat FOO Kum Fong; Part II Teaching and Learning of Mathematics; Chapter 7 Model Method: A Visual Tool to Support Algebra Word Problem Solving at the Primary Level NG Swee Fong Kerry LEE; Chapter 8 Solving Algebra Word Problems: The Roles of Working Memory and the Model Method Kerry LEE NG Swee Fong; Chapter 9 Understanding of Statistical Graphs among Singapore Secondary Students WU Yingkang WONG |

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### Sommario/riassunto

This comprehensive book is a state-of-the-art review of research and practices of mathematics education in Singapore. It traces the fascinating journey from the original development of the Singapore mathematics curriculum in the 1950's to the present day, and reports on diverse findings about the Singapore experience that are not readily available in print. All of the authors are active mathematics educators or senior mathematics teachers in Singapore, thus adding authenticity and distinctiveness to the stories covered in this book. The issues they so earnestly explore in this book will undoubt

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