

1. Record Nr.	UNINA9910736006103321
Autore	Zhang Shizao
Titolo	The Pedagogy of Secondary-School Mathematics // by Shizao Zhang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819912483 9819912482
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (411 pages)
Altri autori (Persone)	YaoYouben Pan Hailin
Disciplina	510.71251
Soggetti	Mathematics - Study and teaching Educational psychology Mathematics Education Mathematical Teaching Educational Skills Educational Psychology Ensenyament de la matemàtica Educació secundària Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Chapter 1 Logic in Secondary-School Mathematics -- Chapter 2 Thinking in Secondary-School Mathematics -- Chapter 3 Methods in Secondary-School Mathematics -- Chapter 4 Mathematical Abilities in Secondary School -- Chapter 5 Math Learning in Secondary School -- Chapter 6 Curriculum Standards of Secondary-School Mathematics -- Chapter 7 Teaching Modes and Means of Secondary-School Mathematics -- Chapter 8 Teaching Principles and Methods of Secondary-School Mathematics -- Chapter 9 Teaching of Mathematics in Secondary School -- Chapter 10 Research on Teaching of Secondary-school Mathematics -- Chapter 11 Measurements of Secondary-school Mathematics Education -- Chapter 12 Research on and Practice of Secondary-school Mathematics Education -- Appendix.
Sommario/riassunto	Congratulations on the publishing of this book! The Chinese version of this book has received excellent reviews at multiple international book

fairs, and it demonstrates the Chinese characteristics in the process of discipline construction.” — Gang Tian, Yiming Cao, and Lianghuo Fan

This book elucidates the principal aspects and characteristics of secondary school mathematics teaching and learning in China. It combines the cultivation of students' mathematical abilities with the improvement of teaching skills, and explores from both theory and practice to create mathematical pedagogy which has been widely recognized by experts in this field. This book presents a number of mathematics teaching principles and methods, and has been used as an important resource book for mathematics teachers' education.
