

1. Record Nr.	UNINA9910495195103321
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Titolo	Financial Numeracy in Mathematics Education : Research and Practice / / edited by Annie Savard, Alexandre Cavalcante
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-73588-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (115 pages)
Collana	Mathematics Education in the Digital Era, , 2211-8144 ; ; 15
Disciplina	332.024
Soggetti	Mathematics - Study and teaching Social sciences - Mathematics Education Education - Curricula Mathematics Education Mathematics in Business, Economics and Finance Curriculum Studies Ensenyament de la matemàtica Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Section 1: Theoretical perspectives Introduction: Financial Education in the Digital Era (Annie & Alex) -- Chapter 1. Financial Education and Mathematics from an epistemological point of view -- Chapter 2. Financial Education in the Mathematics curricula: Financial knowledge when teaching Mathematics -- Section 2: Research perspectives - a study on Secondary Mathematics teachers' needs -- Chapter 3. Background of the project (including how we collected the data) -- Chapter 4. Building an instrument for research in Financial Education in schools (Quebec and Romania) -- Chapter 5. Using tasks to elicit mathematics teachers' thinking in Financial Education -- Chapter 6. Mathematics Teachers' representations of Financial Education -- Chapter 7. Making sense of mathematics: students questioning financial contexts when learning Mathematics -- Section 3: Financial Education and Mathematics: practice perspectives in K-12 -- Chapter

8. Some situations to implement Financial Education in Mathematics classrooms -- Chapter 9. Training mathematics teachers to incorporate Financial Education -- Chapter 10. Mathematics teachers' needs in Financial Education: Implications for leadership -- Chapter 11. Ethical considerations on doing research on Financial Education in the Digital Era -- Chapter 12. Financial Education as an emerging field in Education: looking to the future.

Sommario/riassunto

This book presents the important role of mathematics in the teaching of financial education. Through a conceptualization of financial numeracy as a social practice, it focuses on the teaching practices, resources, and needs of secondary mathematics teachers (grades 7-12) to incorporate financial concepts in their classes. The editors and authors bring forth a novel perspective regarding mathematics education in the digital era. By focusing on financial numeracy, a key component of skills required in the digital era, they discuss important issues related to the teaching and learning of mathematics and finance. In contrary to most research in the field of financial education coming from scholars in areas such as business, accounting, management and economics, this book introduces the contribution of researchers from the field of education to the debate. The book appeals to an international audience composed of researchers, stakeholders, policymakers, teachers, and teacher educators.
