

1. Record Nr.	UNINA9910484825603321
Titolo	Approaches to Qualitative Research in Mathematics Education : Examples of Methodology and Methods / / edited by Angelika Bikner-Ahsbahs, Christine Knipping, Norma Presmeg
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
ISBN	9789401791816 9401791813
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (587 p.)
Collana	Advances in Mathematics Education, , 1869-4926
Disciplina	510.71
Soggetti	Mathematics - Study and teaching Education - Curricula Science - Study and teaching Mathematics Education Curriculum Studies Science Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Part 1: Grounded theory methodology. Chapter 1: Anne R. Teppo. Grounded Theory Methods. Chapter 2: Maike Vollstedt. To see the wood for the trees: The development of theory from empirical interview data using grounded theory -- Part 2: Approaches to reconstructing argumentation. Chapter 3: Götz Krummheuer. Methods for reconstructing processes of argumentation and Chaptericipation in primary mathematics classroom interaction. Chapter 4: Christine Knipping and David Reid. Reconstructing argumentation structures: A perspective on proving processes in secondary mathematics classroom interactions -- Part 3: Ideal type construction. Chapter 5: Angelika Bikner-Ahsbahs. Empirically grounded building of ideal types. A methodical principle of constructing theory in the interpretive research in mathematics education. Chapter 6: Angelika Bikner-Ahsbahs. How ideal type construction can be achieved: An example -- Part 4: Semiotic research. Chapter 7: Luis Radford and Cristina Sabena. The question of method in a Vygotskian semiotic approach -- Part 5: A theory on

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Sommario/riassunto

This volume documents a range of qualitative research approaches emerged within mathematics education over the last three decades, whilst at the same time revealing their underlying methodologies. Continuing the discussion as begun in the two 2003 ZDM issues dedicated to qualitative empirical methods, this book presents a state of the art overview on qualitative research in mathematics education and beyond. The structure of the book allows the reader to use it as an actual guide for the selection of an appropriate methodology, on a basis of both theoretical depth and practical implications. The methods and examples illustrate how different methodologies come to life when applied to a specific question in a specific context. Many of the methodologies described are also applicable outside mathematics education, but the examples provided are chosen so as to situate the approach in a mathematical context.
