1. Record Nr. UNINA9910255159503321 Autore de Freitas Elizabeth Titolo Alternative Theoretical Frameworks for Mathematics Education Research : Theory Meets Data / / by Elizabeth de Freitas, Margaret Walshaw Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-33961-3 Edizione [1st ed. 2016.] 1 online resource (200 p.) Descrizione fisica 370 Disciplina Soggetti Education—Philosophy Mathematics—Study and teaching Educational Philosophy **Mathematics Education** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Chapter 1: Introduction -- Chapter 2: Pierre Bourdieu -- Chapter 3: Jacques Lacan -- Chapter 4: Michel Foucault -- Chapter 5: Gilles Deleuze -- Chapter 6: Bruno Latour -- Chapter 7: Rosi Braidotti --Chapter 8: Concluding Narratives. Sommario/riassunto This book explicates some of the fundamental philosophical tenets underpinning key theoretical frameworks, and demonstrates how these tenets inform particular kinds of research practice in mathematics education research. We believe that a deep understanding of significant theories from the humanities and social sciences is crucial for doing high-quality research in education. For that reason, this book focuses on six key theoretical sources, unpacking their relevance and application to specific research examples. We situate these key theorists within a larger framework pertaining to the history of thought more generally, and discuss how competing theories of teaching and learning differ in terms of their philosophical assumptions. In so doing, we offer context and motivation for particular research methods, with

and not others might work for them.

the agenda of helping researchers reflect on why particular approaches