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Titolo	Mathematics education : a critical introduction / / Mark Wolfmeyer
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Descrizione fisica	1 online resource (125 pages) : illustrations, tables
Collana	Critical Introductions in Education Series
Disciplina	510.71/073
Soggetti	Mathematics - Study and teaching - United States Education - Social aspects - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1. What is mathematics? From mathematicians to philosophers and anthropologists -- 2. Initial examinations of mathematics education : purpose, problems, and method -- 3. A white institutional space : race and mathematics education -- 4. Social class hierarchies and mathematics education : to reproduce or interrupt? -- 5. Rationalism, masculinity, and the "girl problem" in mathematics education -- 6. Putting it all together : intersectionality, current mathematics education policy, and further avenues for exploration.
Sommario/riassunto	Winner of the AESA 2017 Critics' Choice Book Award Mathematics Education offers both undergraduates and starting-graduate students in education an introduction to the connections that exist between mathematics and a critical orientation to education. This primer shows how concepts like race, class, gender, and language have real effects in the mathematics classroom, and prepares current and future mathematics teachers with a more critical math education that increases accessibility for all students. By refocusing math learning towards the goals of democracy and social and environmental crises, the book also introduces readers to broader contemporary school policy and reform debates and struggles. Mark Wolfmeyer shows future and current teachers how critical mathematics education can be

put into practice with concrete strategies and examples in both formal and informal educational settings. With opportunities for readers to engage in deeper discussion through suggested activities, Mathematics Education's pedagogical features include: Study Questions for Teachers and Students Text Boxes with Examples of Critical Education in Practice Annotated List of Further Readings Glossary
