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Descrizione fisica	1 online resource (344 pages)
Disciplina	510/.71
Soggetti	Mathematics - Study and teaching - Philosophy Mathematics - Philosophy
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	"Studies in mathematics education."
Nota di bibliografia	Includes bibliographical references (p. 297-317) and index.
Nota di contenuto	Part 1 Overview: the philosophy of mathematics education. -- Part 2 The philosophy of mathematics: absolutist philosophies of mathematics - a critique; the nature of the philosophy of mathematics, fallibilism; social constructivism as a philosophy of mathematics, objective knowledge; social constructivism and subjective knowledge of mathematics; the parallels of social constructivism. -- Part 3 Mathematics teaching philosophies: aims and ideologies in mathematics education; utilitarian ideologies of mathematics education; purist ideologies of mathematics education; social change ideology in mathematics education; the aims of curriculum reforms in mathematics - the case of the National Curriculum; hierarchy in mathematics, learning and society; social diversity - gender, race,

culture and mathematics education; problem solving and investigation
- pedagogy and the possibility of change.

Sommario/riassunto

Annotation