Record Nr. UNINA9910156519803321 Autore **Ernest Paul Titolo** The Philosophy of Mathematics Education [[electronic resource] /] / by Paul Ernest, Ole Skovsmose, Jean Paul van Bendegem, Maria Bicudo, Roger Miarka, Ladislav Kvasz, Regina Moeller Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2016 3-319-40569-1 **ISBN** Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (VII, 26 p.) Collana ICME-13 Topical Surveys, , 2366-5947 370 Disciplina Soggetti Mathematics—Study and teaching Philosophy and social sciences Education—Philosophy Mathematics Education Philosophy of Education **Educational Philosophy** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Introduction -- An Overview of the Philosophy of Mathematics Nota di contenuto Education -- Critical Mathematics Education: Concerns, Notions, and Future -- Philosophy of Mathematical Practice: What is it all About? --The Philosophy of Mathematics Education in Brazil -- Summary and Looking Ahead. Sommario/riassunto This survey provides a brief and selective overview of research in the philosophy of mathematics education. It asks what makes up the philosophy of mathematics education, what it means, what questions it asks and answers, and what is its overall importance and use? It provides overviews of critical mathematics education, and the most relevant modern movements in the philosophy of mathematics. A case study is provided of an emerging research tradition in one country. This is the Hermeneutic strand of research in the philosophy of mathematics education in Brazil. This illustrates one orientation

towards research inquiry in the philosophy of mathematics education. It

is part of a broader practice of 'philosophical archaeology': the

uncovering of hidden assumptions and buried ideologies within the concepts and methods of research and practice in mathematics education. An extensive bibliography is also included.