

1. Record Nr.	UNINA9910817774603321
Titolo	Radical constructivism in action : building on the pioneering work of Ernst von Glasersfeld // edited by Leslie P. Steffe and Patrick W. Thompson
Pubbl/distr/stampa	New York, : Falmer, 2000
ISBN	1-135-69945-3 1-135-69946-1 1-280-40627-5 9786610406272 0-203-48751-6 0-203-16904-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (344 p.)
Collana	Studies in mathematics education series ; ; 15
Altri autori (Persone)	SteffeLeslie P ThompsonPatrick W. <1949->
Disciplina	510/.71
Soggetti	Constructivism (Education) Mathematics teachers - Training of Mathematics - Study and teaching Science teachers - Training of
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 index.
Nota di contenuto	Book Cover; Title; Contents; List of Figures; Series Editor's Preface; Preamble Heinz von Foerster; Knowledge, Language, and Communication; Problems of Constructivism; The Topic of Entity as it Relates to Ernst von Glasersfeld's Constructivism; Ernst von Glasersfeld's Philosophy of Language: Roots, Concepts, Perspectives; Construction of the Self, Ethics, and Paideia; Constructivism and Paideia; Radical Constructivism: Notes on Viability, Ethics and Other Educational Issues; Constraints, Paideia and Occasioning: Can Mathematics Teaching be Part of Paideia?; Epistemological Origins of Ethics Perspectives on Issues Concerning the Self, Paideia, Constraints and Viability, and EthicsPractice of Mathematics Education; Students' Constructions: A Necessity for Formalizations in Geometry; Professional

Development in Recovery Education; Constructivism in Social Context; Perspectives on Practice in Mathematics Education; Teacher Education in Mathematics and Science; Science Teacher Preparation: An Attempt at Breaking the Re-Production Cycle of the Traditional Model of Teaching; Constructivism, Mathematics Teacher Education, and Research in Mathematics Teacher Development  
Themes and Issues in Mathematics Teacher Education  
Becoming a Teacher-Researcher in a Constructivist Teaching Experiment; Perspectives on Constructivism in Teacher Education; Reflections and Directions; Radical Constructivism: Reflections and Directions; Notes on Contributors; Index

---

Sommario/riassunto

Over the last twenty-five years Ernst von Glasersfeld has had a tremendous impact on mathematics and science education through his fundamental insights into the nature of knowledge and knowing. *Radical Constructivism in Action* is a new volume of papers honouring his work by building on his model of knowing. The contributions by leading researchers present constructivism in action, tying the authors' actions regarding practical problems of mathematics and science education, philosophy, and sociology to their philosophical constraints, giving meaning to constructivism operationally.

---