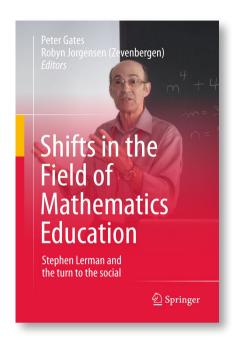


springer.com



2015, X, 259 p. 21 illus., 12 illus. in color.

P. Gates, R. Jorgensen (Eds.)

Shifts in the Field of Mathematics Education

Stephen Lerman and the turn to the social

- ► A collection of essays on Steve Lerman's works written by his peers, colleagues and friends
- ► Provides an overview of significant developments in the field of mathematics education
- ► Illustrates the contribution of a key individual in shaping the field

Professor Stephen Lerman has been a leader in the field of mathematics education for thirty years. His work is extensive, making many significant contributions to a number of key areas of research. Stephen retired from South Bank University in 2012, where he had worked for over 20 years, though he continues to work at Loughborough University. In this book several of his long standing colleagues and collaborators reflect on his contribution to mathematics education, and in so doing illustrate how some of Steve's ideas and interventions have resulted in significant shifts in the domain.



Hardcover

- ▶ 99,99 € | £90.00 | \$129.00
- ► *106,99 € (D) | 109,99 € (A) | CHF 133.50



Available from your library or

springer.com/shop



Printed eBook for just

- ▶ € | \$ 24.99
- ► springer.com/mycopy

Table of Contents

Chapter 1: Mapping the Field and Documenting the Contribution – Peter Gates and Robyn Jorgensen

Chapter 2: The social turn from up close and personal - Peter Winbourne

Chapter 3: Steve Lerman: the man and his work - Gilah Leder

Chapter 4: Issues of equity and social justice in the construction of Steve Lerman – Peter Gates

Chapter 5: Tracing advances in the field of mathematics education – Charalampos Sakonidis

Chapter 6: A speech act in mathematics education - David Wagner

Chapter 7: Steve through the years

Chapter 8: International Research Collaboration: An Australian Perspective – Robyn Jorgensen

Chapter 9: Researching the role of the teacher on creating social just productive classrooms that facilitate mathematics learning – Peter Sullivan

Chapter 10: Turning mathematical knowledge for teaching social – Jill Adler

Chapter 11: Knowledge construction: Individual or social? - Judith Mousley

Chapter 12: Intersubjectivity in mathematics teaching: meaning-making from constructivist and/or sociocultural perspectives? – Barbara Jaworski

Chapter 13: Learning as participatory transformation

- a reflection inspired by Steve Lerman's papers and practice - João Filipe Matos

Chapter 14: The philosophy of mathematics education: Stephen Lerman's contributions - Paul Ernest

Chapter 15: Leman's perspective on information and communication technology – Marcelo Borba and Ricardo Scucuglia

Chapter 16: Troubling Mathematics' "learners" – Brent Davis



Order online at springer.com ► or for the Americas call (toll free) 1-800-SPRINGER ► or email us at: orders-ny@springer.com. ► For outside the Americas call +49 (0) 6221-345-4301 ► or email us at: orders-hd-individuals@springer.com.

The first \in price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with * include VAT for books; the \in (D) includes 7% for Germany, the \in (A) includes 10% for Austria. Prices indicated with ** include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.