Advances in Mathematics Education is a monograph series which continues the tradition of the international journal ZDM – The International Journal on Mathematics Education. The series presents an overall picture of relevant topics for the recent debate on mathematics education by integrating, synthesizing and looking towards the future state of the art. The monographs include invited chapters and commentaries from renowned international experts in which ideas are pushed to new frontiers. The series aims mainly at producing monographs based on important ZDM topics of the past, but is open to proposals from the community on other issues of interest to the field.

The inaugural monograph is based on the two highly acclaimed ZDM special issues on theories of mathematics education (issue 6/2005 and issue 1/2006), which stemmed from the revival of the Theories of Mathematics Education (TME group). This monograph consists of articles with prefaces and commentaries from leading thinkers who have worked on theory building. It is as much summative as forward-looking by highlighting theories from psychology, philosophy and social sciences that continue to influence theory building, as well as providing new developments regarding feminist, complexity and critical theories of mathematics education. New chapters focus on neuroscience research and complexity theory for mathematics education.

This book’s cast of authors include Paul Ernest, Stephen Lerman, Frank Lester, David Tall, John Pegg, Richard Lesh, Gerald Goldin, Luis Moreno Armella, Bharath Sriraman, Lyn English, Angelika Bikner-Ahsbahs, Guenter Toerner, Gabriele Kaiser and Guershon Harel, among others.

► Approx. € 89,95 | £81.00

Managing Editors:
G. Kaiser, University of Hamburg, Germany
B. Sriraman, University of Montana, Missoula, USA

Editorial Board:
J. Kilpatrick, University of Georgia, Athens, USA
H. Forgasz, Monash University, Victoria, Australia
J. Cai, University of Delaware, Newark, USA
M. Amit, Ben-Gurion University of the Negev, Beer Sheva, Israel
U. D’Ambrosio, Sao Paulo, Brazil
ZDM is one of the oldest mathematics education research journals. The papers appearing in the six themed issues per year are strictly by invitation only followed by internal peer review by the issue-editors and external review by invited experts. The journal exists to survey, discuss and extend current research-based and theoretical perspectives as well as to create a forum for critical analyses of issues within mathematics education. The audience is pre-dominantly mathematics education researchers around the world interested in current developments in the field.

6 issues in 2009

Editor-in-Chief: Gabriele Kaiser, University of Hamburg, Germany

Editorial Board: Guershon Harel, San Diego, USA
Frederick Leung, Hong Kong, China
Kristina Reiss, Munich, Germany
Edith Schneider, Klagenfurt, Austria
Yoshinori Shimizu, Tsukuba, Japan
Bharath Sriraman, Missoula, USA
Gloria Ann Stillman, Melbourne, Australia
(Red Review Editor)
Rudolf Strässer, Gießen, Germany

For further information, please visit the journal’s homepage at springer.com

Order Now!

Yes, please send me _____ copies

Theories of Mathematics Education
ISBN 3-540-00741-5 | approx. € 89.95 | £ 81.00

Please bill me

Please charge my credit card:

- Eurocard/Access/Mastercard
- Visa/Barclaycard/Bank/Americard
- AmericanExpress

Number _________ Valid until _________

Available from

Name
Dept.
Institution
Street
City / ZIP-Code
Country
Email
Date ✗ Signature ✗