



Springer

1st
edition

2002, XII, 276 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-1-4020-0668-5

£ 109,99 | CHF 141,50 | 119,99 € |
131,99 € (A) | 128,39 € (D)

Available

Discount group

Science (SC)

Product category

Contributed volume

Series

Mathematics Education Library

Other renditions

Softcover

ISBN 978-1-4020-0669-2

Softcover

ISBN 978-94-017-4277-1

Education : Mathematics Education

FitzSimons, Gail E.

What Counts as Mathematics?

Technologies of Power in Adult and Vocational Education

JÜRGEN MAASS & WOLFGANG SCHLÖGLMANN THEORY AND PRACTICE OF MATHEMATICS EDUCATION FOR ADULTS Our world is dominated by technological developments: The philosopher Heinz Hülsmann wrote that "Atom, Gen and Bit" are the three basic principles now (see Hülsmann, 1985). Each of the so-called new technologies is based upon mathematics: The first computer was built as a part of the Manhattan Project to calculate models of the atomic bomb. The human genome project uses computers very often to find out the structure of the genome. And computers are mathematical machines, materialised mathematics. Social organisations, companies, and not least governments use computers to process information. A precondition for this is to formalise the social or economical structure which "produces" the information. This formalisation is a type of mathematisation, too. The social and economical models of organisations or companies are a part of the process of mathematising the world. Last, but not least, mathematics is a part of everyday life and work. People handle money, buy things, do handywork at home (measure areas to paint, and so on). All together, mathematics is not only the basis for technology, economy, work and everyday life, but a part of our culture. It seems clear that everyone in our society should know more about this.

Order online at springer.com/booksellers**Springer Nature Customer Service Center GmbH**

Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com

ISBN 978-1-4020-0668-5 / BIC: JNU / SPRINGER NATURE: SCO25000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.