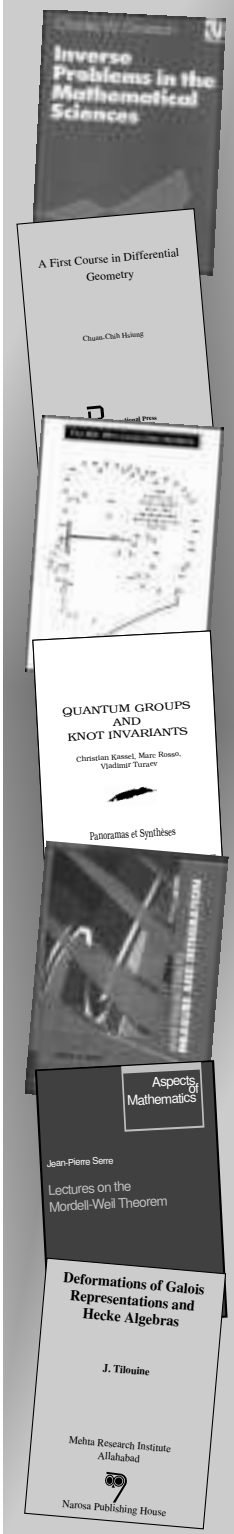
AMERICAN MATHEMATICAL SOCIETY

PUBLICATIONS *of* CONTINUING INTEREST



Bestselling Publications Distributed by the AMS

These publications are among the bestsellers distributed by the AMS. They are published by various academic publishers—International Press (Boston), Narosa Publishing House (New Delhi, India), Société Mathématique de France (Paris), and Vieweg Verlag (Wiesbaden, Germany). The AMS maintains distribution rights to the works within and outside the USA. Details are listed with the ordering information.

Recommended Text

Basic Partial Differential Equations

David Bleecker and **George Csordas**, *University of Hawaii, Honolulu*

A publication of International Press.

Distributed worldwide, except in Japan, by the American Mathematical Society.

International Press; 1996; ISBN 1-57146-036-5; 735 pages; Hardcover; **All AMS members $47**, List $59, Order Code INPR/23CI92

Inverse Problems in the Mathematical Sciences

Charles W. Groetsch, *University of Cincinnati, OH*

A publication of Vieweg Verlag.

The AMS is exclusive distributor in North America, and non-exclusive distributor worldwide except in Germany, Switzerland, Austria, and Japan.

Vieweg Monographs; 1993; ISBN 3-528-06545-1; 152 pages; Hardcover; **All AMS members $27**, List $30, Order Code VW/2CI92

A First Course in Differential Geometry

Chuan C. Hsiung, *Lehigh University, Bethlehem, PA*

A publication of International Press.

Distributed worldwide, except in Japan, by the American Mathematical Society.

International Press; 1997; ISBN 1-57146-046-2; 343 pages; Hardcover; **All AMS members $36**, List $45, Order Code INPR/24CI92

The Man Who Loved Only Numbers

The Story of Paul Erdős and the Search for Mathematical Truth

Paul Hoffman

A publication of Hyperion Press.

No mathematician is more legendary than Paul Erdős (1913–96) ... The Man Who Loved Only Numbers *is [Hoffman's] expanded homage to the man and his discipline ... Hoffman does not analyze the man but lets Erdős and his colleagues speak for themselves, and Erdős the person, and his intellectual interests, emerge ... We follow the trains of thought (and some of the personalities) that evolved from the attempts to comprehend the infinite sets lurking behind calculus. We visit Andrew Wiles' recent solution of the second-most famous theorem in mathematics, Fermat's last one. And we pursue the "Monty Hall" problem ... This book opens doors on a world and characters that are often invisible. It is interesting that Hoffman, Erdős and others in the book remember the mathematical tidbit that first intrigued them and bound them to this world. Possibly a future scientist or mathematician, or future scientific writer, will remember something in this book that way.*

—New York Times Book Review

Distributed worldwide by the American Mathematical Society.

1998; ISBN 0-7868-6362-5; 302 pages; Hardcover; **All AMS members $16**, List $23, Order Code MLONCI92

Quantum Groups and Knot Invariants

Christian Kassel, **Marc Rosso**, and **Vladimir Turaev**, *CNRS, Strasbourg, France*

A publication of Société Mathématique de France.

Distributed by the AMS in the United States, Canada, and Mexico. Orders from other countries should be sent to the SMF, Maison de la SMF, B.P. 67, 13274 Marseille cedex 09, France, or to Institut Henri Poincaré, 11 rue Pierre et Marie Curie, 75231 Paris cedex 05, France. Members of the SMF receive a 30% discount from list.

Panoramas et Synthèses, Number 5; 1997; ISBN 2-85629-055-8; 115 pages; Softcover; **Individual member $22**, List $24, Order Code PASY/5CI92

Supplementary Reading

An Introduction to Measure and Integration

Inder K. Rana, *Indian Institute of Technology, Pawai*

A publication of Narosa Publishing House.

A good addition to the standard texts on the subject ... the book is clearly a labour of love. The exuberance of detail, the wealth of examples and exercises and the evident delight in discussing variations and counter examples all attest to that ... highly recommended to serious and demanding students of mathematics.

—Resonance

Distributed by the AMS exclusively in North America and Europe and non-exclusively elsewhere.

1997; ISBN 81-7319-120-4; 380 pages; Hardcover; **All AMS members $39**, List $49, Order Code IMICI92

Supplementary Reading

Lectures on the Mordell-Weil Theorem

Third Edition

Jean-Pierre Serre, *Collège de France, Paris*

A publication of Vieweg Verlag.

The AMS is exclusive distributor in North America, and non-exclusive distributor worldwide except in Germany, Switzerland, Austria, and Japan.

Vieweg Aspects of Mathematics, Volume 15; 1997; ISBN 3-528-28968-6; 218 pages; Hardcover; **All AMS members $41**, List $45, Order Code VWAM/15CI92

Deformations of Galois Representations and Hecke Algebras

J. Tilouine, *Université de Paris Nord, Villetaneuse, France*

A publication of Narosa Publishing House.

Distributed by the AMS exclusively in North America and Europe and non-exclusively elsewhere.

1996; ISBN 81-7319-106-9; 108 pages; Softcover; **All AMS members $19**, List $24, Order Code DGRCI92

All prices subject to change. Charges for delivery are $3.00 per order. For optional air delivery outside of the continental U. S., please include $6.50 per item. *Prepayment required.* Order from: **American Mathematical Society**, P. O. Box 5904, Boston, MA 02206-5904, USA. For credit card orders, fax 1-401-455-4046 or call toll free 1-800-321-4AMS (4267) in the U. S. and Canada,1-401-455-4000 worldwide. Or place your order through the AMS bookstore at www.ams.org/bookstore/. Residents of Canada, please include 7% GST.

AMS
AMERICAN MATHEMATICAL SOCIETY

For more publications in your subject area visit the AMS Bookstore: www.ams.org/bookstore/