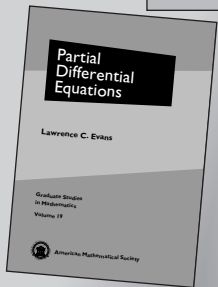


PUBLICATIONS of CONTINUING INTEREST

Textbooks from the AMS

These titles are among our bestselling textbooks for undergraduate or graduate study. They are consistently chosen for course adoption and cover a broad range of important mathematical topics. For more information or to request an exam copy, contact Textbooks, American Mathematical Society, P.O. Box 6248, Providence, RI 02940-6248; phone 1-401-455-4000 or fax 1-401-331-3842. Or visit the AMS Bookstore at www.ams.org/bookstore for a complete list of recommended textbooks.



Partial Differential Equations

Lawrence C. Evans, University of California, Berkeley

This excellent textbook is meant as an introduction to mathematical analysis of partial differential equations. Throughout the book the reader is acquainted with various approaches and techniques to initial and boundary-value problems. [This book is recommended] as the first textbook for anyone who wants to learn the theory of partial differential equations.

—European Mathematical Society Newsletter

Graduate Studies in Mathematics, Volume 19; 1998; ISBN 0-8218-0772-2; 662 pages; Hardcover; All AMS members \$60, List \$75, Order Code GSM/19CT101

Recommended Text

Introduction to Algebraic Curves

Phillip A. Griffiths, Institute for Advanced Study, Princeton, NJ

Very special introductory text on the theory of complex algebraic curves ... Griffiths textbook will certainly maintain its timelessly unique character of being an excellent and thorough guide to the more advanced topics in algebraic curve theory.

—Zentralblatt für Mathematik

Translations of Mathematical Monographs, Volume 76; 1989; ISBN 0-8218-4537-3; 221 pages; Softcover; All AMS members \$32, List \$39, Order Code MMONO/76CT101

Recommended Text

An Introduction to the Mathematical Theory of Waves

Roger Knobel, University of Texas-Pan American, Edinburg

The exposition of the material is very clear. All in all, this book provides a sturdy bridge from a course on ordinary differential equations, and so I would recommend it, without batting an eyelash, to any of my differential equations students who wish to continue their study independently. Further, I feel that it could be very useable as a text for a first course in partial differential equations. Kudos to Roger Knobel on having produced such a well-written and much-needed book!

—MAA Online

Student Mathematical Library, Volume 3; 2000; ISBN 0-8218-2039-7; 196 pages; Softcover; All AMS members \$18, List \$23, Order Code STML/3CT101

Recommended Text

An Invitation to Arithmetic Geometry

Dino Lorenzini, University of Georgia, Athens

Extremely carefully written, masterfully thought out, and skillfully arranged introduction ... to the arithmetic of algebraic curves, on the one hand, and to the algebro-geometric aspects of number theory, on the other hand. Detailed discussions, full proofs, much effort at thorough motivations, a wealth of illustrating examples, numerous related exercises and problems, hints for further reading, and a rich bibliography characterize this text as an excellent guide for beginners in

arithmetic geometry, just as an interesting reference and methodical inspiration for teachers of the subject ... a highly welcome addition to the existing literature.

—Zentralblatt für Mathematik

Graduate Studies in Mathematics, Volume 9; 1996; ISBN 0-8218-0267-4; 397 pages; Hardcover; All AMS members \$47, List \$59, Order Code GSM/9CT101

Recommended Text

Algebra

Third Edition

Saunders Mac Lane, University of Chicago, IL, and Garrett Birkhoff

The book is clearly written, beautifully organized, and has an excellent and wide-ranging supply of exercises ... contains ample material for a full-year course on modern algebra at the undergraduate level.

—Mathematical Reviews

AMS Chelsea Publishing; 1988; ISBN 0-8218-1646-2; 626 pages; Hardcover; All AMS members \$35, List \$39, Order Code CHEL/330.HCT101

Recommended Text

The Mathematics of Soap Films: Explorations with Maple®

John Oprea, Cleveland State University, OH

@Waterloo Maple, Inc., Ontario, Canada.

Student Mathematical Library, Volume 10; 2000; ISBN 0-8218-2118-0; 266 pages; Softcover; All AMS members \$23, List \$29, Order Code STML/10CT101

Independent Study

The Prime Numbers and Their Distribution

Gérald Tenenbaum, Université Henri Poincaré, Nancy I, France, and Michel Mendès France, Université Bordeaux I, France

From reviews of the French edition ...

This is a short introductory book on analytic number theory. The prerequisites are quite modest, but it still contains an impressive amount of information. A multitude of results is included, some of which were proved just recently ... this book is very well written. It is fun to read and at the same time presents most of the fundamental concepts and ideas in analytic number theory.

—Mathematical Reviews

Student Mathematical Library, Volume 6; 2000; ISBN 0-8218-1647-0; 115 pages; Softcover; All AMS members \$14, List \$17, Order Code STML/6CT101

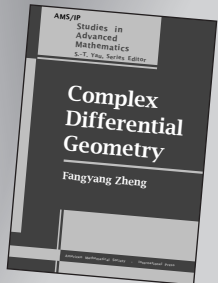
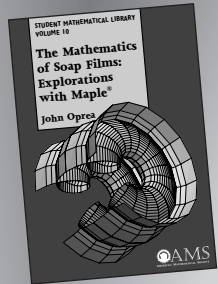
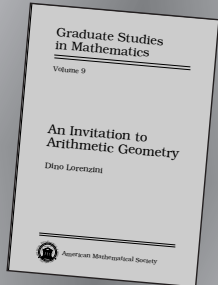
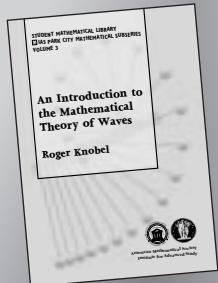
Recommended Text

Complex Differential Geometry

Fangyang Zheng, Ohio State University, Columbus

Titles in this series are copublished with International Press, Cambridge, MA.

AMS/IP Studies in Advanced Mathematics, Volume 18; 2000; ISBN 0-8218-2163-6; 264 pages; Hardcover; All AMS members \$39, List \$49, Order Code AMSIP/18CT101



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 845904, Boston, MA 02284-5904, 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.



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