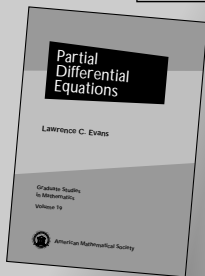


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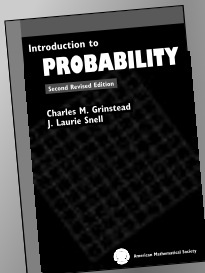
Partial Differential Equations

Lawrence C. Evans, *University of California, Berkeley*
Graduate Studies in Mathematics, Volume 19; 1998; ISBN 0-8218-0772-2;
 662 pages; Hardcover; All AMS members \$60, List \$75, Order Code GSM/19CI93

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—Bruno Nachtergaele, *University of California, Davis*



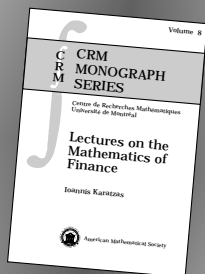
Introduction to Probability Second Revised Edition

Charles M. Grinstead, *Swarthmore College, PA*, and
J. Laurie Snell, *Dartmouth College, Hanover, NH*
 1997; ISBN 0-8218-0749-8; 510 pages; Hardcover; All AMS members \$39, List \$49,
 Order Code IPROBCI93

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The book was ideal for my purposes, which included some introduction to some problems in mathematical physics, some "reinforcement" of what they already learned in real variable, and a good overview of the inequalities that working analysts need to use ... I personally find the book an extremely useful and convenient reference for research purposes.

—Lawrence E. Thomas, *University of Virginia, Charlottesville*



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—Short Book Reviews,
a publication of the International Statistical Institute

Text is clear and rigorous and a joy to look at; both authors are to be congratulated.

—Dr. David B. Cook, *University of Sheffield, UK*

The essentials of modern analysis ... are presented in a rigorous and pedagogical way ... readers ... are guided to a level where they can read the current literature with understanding ... treatment of the subject is as direct as possible.

—Zentralblatt für Mathematik

CRM Monograph Series, Volume 8; 1997; ISBN 0-8218-0909-1; 148 pages;
 Softcover; All AMS members \$31, List \$39, Order Code CRMM/8.SCI93

Analysis

Elliott H. Lieb, *Princeton University, NJ*, and **Michael Loss**,
Georgia Institute of Technology, Atlanta

Lieb and Loss offer a practical presentation of real and functional analysis at the beginning graduate level ... could be used as a two-semester introduction to graduate analysis ... not all of the topics covered are typical. The authors introduce the subject with a thorough presentation ... [an] informative exposition.

—CHOICE

I find the selection of the material covered in the book very attractive and I recommend the book to anybody who wants to learn about classical as well as modern mathematical analysis.

—European Mathematical Society Newsletter

[The text was used as] a supplemental resource ... appropriate because Lieb and Loss's approach to this subject is quite unusual ... When looking at a particularly complicated set of ideas, I suggest [that students], "Have a look at Lieb/Loss. They have a nice way of cutting through all the difficulties and giving you a real picture of what is going on" ... I would certainly recommend this book [as a supplemental text] to colleagues who are teaching graduate real analysis.

—Steven G. Krantz, *Washington University, St. Louis*

Graduate Studies in Mathematics, Volume 14; 1997; ISBN 0-8218-0632-7;
 278 pages; Hardcover; All AMS members \$28, List \$35, Order Code GSM/14CI93

Supplementary Reading

Wavelets, Vibrations and Scalings

Yves Meyer, *University of Paris-Dauphine, France*

CRM Monograph Series, Volume 9; 1997; ISBN 0-8218-0685-8; 133 pages;
 Hardcover; All AMS members \$23, List \$29, Order Code CRMM/9CI93

Recommended Text

Algebra

Third Edition

Saunders Mac Lane and **Garrett Birkhoff**

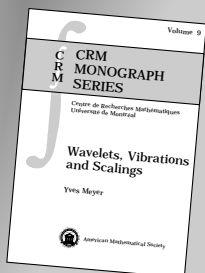
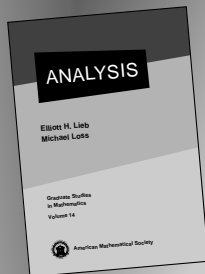
Nearly any ten years there seems to arrive a new edition of this now classical book the review of which (1st edition 1967, Zbl. 153,324; 2nd edition 1979, Zbl. 428.00002) the reviewer hardly can improve. The main advantage of the authors had been the introduction of thoroughly central concepts into algebra.

—Zentralblatt für Mathematik

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;
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