

PUBLICATIONS of CONTINUING INTEREST

Recently Reviewed AMS Publications

Featured below is feedback from the following review journals: *Bulletin of the LMS*, *Zentralblatt für Mathematik*, *Mathematical Reviews*, *Bulletin of the AMS*, and *Metrika*. This input becomes invaluable when making selections for your research and/or teaching needs.

An Introduction to Infinite Ergodic Theory
Jon Aaronson, Tel Aviv University, Israel

Accessible to readers with a firm background in measure-theoretic probability ... carefully organized and well written ... invaluable both as an introduction and as a reference work on its subject, and this definitely is not just because it is the only one at the moment.

—Zentralblatt für Mathematik

be missing on the bookshelf of any working and/or teaching low dimensional topologist.

—Zentralblatt für Mathematik

The exposition is excellent throughout. Proofs are clearly illustrated with beautifully drawn diagrams. The text is liberally supplied with exercises, with solutions at the back of the book ... The first part of the book ... would make a good basis for an undergraduate course, and the whole book is just perfect for a graduate course.

—Bulletin of the London Mathematical Society

Mathematical Surveys and Monographs, Volume 50; 1997; ISBN 0-8218-0494-4; 284 pages; Hardcover; Individual member \$47, List \$79, Institutional member \$63, Order Code SURV/50CI811

Stochastic Analysis

Michael C. Cranston, University of Rochester, NY, and Mark A. Pinsky, Northwestern University, Evanston, IL, Editors

This very rich volume ... is an extremely valuable contribution to the literature on the interplay between stochastics and analysis. The editors have done a marvelous job in collecting a number of papers on subjects which in their entirety constitute the current activities in the field ... This volume has a particularly high standard and appears to be of special significance to current research activity in the ever-increasing field of stochastics and analysis.

—Metrika

Proceedings of Symposia in Pure Mathematics, Volume 57; 1995; ISBN 0-8218-0289-5; 621 pages; Hardcover; Individual member \$77, List \$129, Institutional member \$103, Order Code PSPUM/57CI811

Supplementary Reading

Some Points of Analysis and Their History
Lars Gärding, Lund University, Sweden

This lively book is a guided tour through some of the highlights of twentieth-century analysis ... can be recommended ... to a graduate student seminar ... one can pick up a number of the gems of analysis without having to mine whole seams.

—Bulletin of the American Mathematical Society

Riemannian Geometry

Takashi Sakai, Okayama University, Japan

This book on differential geometry packs into about 350 pages a great variety of topics—from the basics to spectral geometry and the topology of Riemannian manifolds ... A good text for a graduate course in which students are well-prepared and motivated ... should also be a very good reference for a practicing mathematician interested in Riemannian geometry ... touches on a great many subjects in addition to those it covers in detail.

—Mathematical Reviews

The book is well-written and will enable the reader to enter areas which are still in rapid progress. The author succeeds very well in explaining the fundamental concepts of Riemannian geometry and why the topics he deals with deserve the attention of the reader ... The book is a valuable addition to the literature and will be a good reference.

—Zentralblatt für Mathematik

Translations of Mathematical Monographs, Volume 149; 1996; ISBN 0-8218-0284-4; 358 pages; Softcover; All AMS members \$47, List \$59, Order Code MMONO/149CI811

Recommended Text

The Ergodic Theory of Discrete Sample Paths

Paul C. Shields, University of Toledo, OH

A very original book on a topic of current interest written by an experienced author.

—Zentralblatt für Mathematik

This is a well-written book. Being an expert in the field, the author has chosen his own way of organization and presentation of the material. The result is a unique book with many interesting details for the expert and a text for the graduate student which is well thought out ... covers important and useful aspects of probabilistic discrete-sample-paths theory.

—Mathematical Reviews

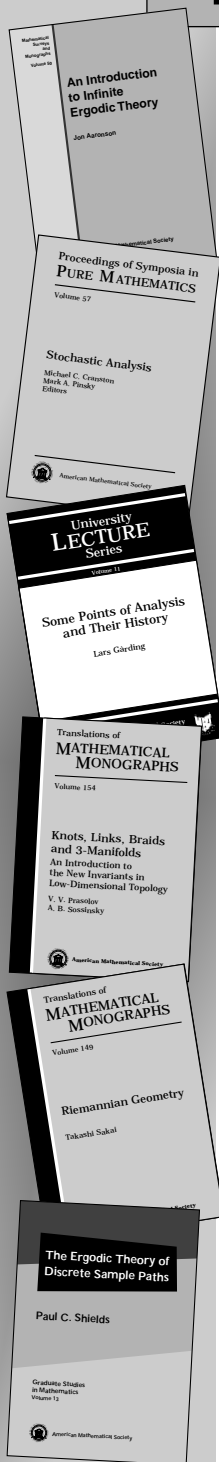
Graduate Studies in Mathematics, Volume 13; 1996; ISBN 0-8218-0477-4; 249 pages; Hardcover; All AMS members \$31, List \$39, Order Code GSM/13CI811

Supplementary Reading

Knots, Links, Braids and 3-Manifolds: An Introduction to the New Invariants in Low-Dimensional Topology

V. V. Prasolov, Moscow, Russia, and A. B. Sossinsky, Institute of Electronics and Mathematics, Moscow, Russia

Provides an excellent introduction both to classical material and recent developments in 3-dimensional topology and knot theory. The presentation is elementary and extremely clear ... should not



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