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-Mathematical Reviews

Graduate Studies in Mathematics, Volume 21; 2000; 372 pages; Hardcover; ISBN 0-8218-2065-6; List \$49: Sale Price \$29: Order code GSM/21DU202

Foliations I

Recommended Text

Alberto Candel, California Institute of Technology, Pasadena, and Lawrence Conlon, Washington University, St. Louis, MO

Overall presentation is first-rate ... diagrams ... are well-crafted and reflect the strongly "graphical" nature of the subject ... A prospective reader who cares to invest the time needed to plough seriously through the book ought to be rewarded with a gratifying mathematical experience ... can also be recommended to more advanced researchers, who would enjoy seeing a compendium of major results.

-Bulletin of the London Mathematical Society

Graduate Studies in Mathematics, Volume 23; 2000; 402 pages; Hardcover; ISBN 0-8218-0809-5; List \$54; Sale Price \$32; Order code GSM/23DU202

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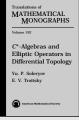
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Liviu I. Nicolaescu, University of Notre Dame, IN

Graduate Studies in Mathematics, Volume 28; 2000; 484 pages; Hardcover; ISBN 0-8218-2145-8; List \$59; Sale Price \$35; Order code GSM/28DU202

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Carl Faith, Professor Emeritus, Rutgers University, New Brunswick, NJ
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work. In all cases, [Faith] cites full references as to the origin and development of the
theorem I know of no other work in print which does this as thoroughly and as
broadly.

—John O'Neill, University of Detroit at Mercy

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C. T. C. Wall, University of Liverpool, England, and A. A. Ranicki (Editor), University of Edinburgh, Scotland

Mathematical Surveys and Monographs, Volume 69; 1999; 302 pages; Hardcover; ISBN 0-8218-0942-3; List \$59; Sale Price \$35; Order code SURV/69DU202

An Introduction to the Analysis of Paths on a Riemannian Manifold

Daniel W. Stroock, Massachusetts Institute of Technology, Cambridge
Mathematical Surveys and Monographs, Volume 74; 2000; 269 pages; Hardcover; ISBN 0-8218-2020-6; List \$40; Sale Price \$28; Order code SURV/74DU202

Arithmeticity in the Theory of Automorphic Forms

Goro Shimura, Princeton University, NJ

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The Classification of the Finite Simple Groups, Number 2

Daniel Gorenstein, Richard Lyons, Rutgers University, New Brunswick, NJ, and Ronald Solomon, Ohio State University, Columbus

A model of clarity and precision ... contains many gems of exposition and new proofs ... makes clear the very questions that could revolutionize the proof.

-Mathematical Reviews

Mathematical Surveys and Monographs, Volume 40; 1996; 218 pages; Hardcover; ISBN 0-8218-0390-5; List \$62; Sale Price \$31; Order code SURV/40.2DU202

The Classification of the Finite Simple Groups, Number 3

Daniel Gorenstein, Richard Lyons, Rutgers University, New Brunswick, NJ, and Ronald Solomon, Ohio State University, Columbus

The volume is written in the careful, clear and thorough style we have come to expect from the authors. Quite apart from its role in the series, it contains a wealth of information about the known simple groups which is essential for use in applications of finite group theory. For this reason, it will surely stand on its own as a standard text on simple groups.

—Bulletin of the London Mathematical Society

Mathematical Surveys and Monographs, Volume 40; 1998; 419 pages; Hardcover; ISBN 0-8218-0391-3; List \$83; Sale Price \$42; Order code SURV/40.3DU202

The Classification of the Finite Simple Groups, Number 4

Part II, Chapters 1-4: Uniqueness Theorems

Daniel Gorenstein, Richard Lyons, *Rutgers University, New Brunswick, NJ*, and **Ronald Solomon**, *Ohio State University, Columbus*

Mathematical Surveys and Monographs, Volume 40; 1999; 341 pages; Hardcover; ISBN 0-8218-1379-X; List \$75; Sale Price \$38; Order code SURV/40.4DU202

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N. V. Krylov, University of Minnesota, Minneapolis

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- Journal of the American Statistical Association

Translations of Mathematical Monographs, Volume 142; 1994; 271 pages; Softcover; ISBN 0-8218-4600-0; List \$51; Sale Price \$31; Order code MMONO/142DU202

Supplementary Reading

Modern Aspects of Linear Algebra

S. K. Godunov, Russian Academy of Sciences, Novosibirsk, Russia

Translations of Mathematical Monographs, Volume 175; 1998; 303 pages; Hardcover; ISBN 0-8218-0888-5; List \$125; Sale Price \$63; Order code MMONO/175DU202

Real Analysis—With an Introduction to Wavelet Theory

Satoru Igari, Tohoku University, Sendai, Japan

The author has done a fine job in presenting the material selected for this book. The presentation of the material is clear and precise; well-chosen examples and exercises help the student to master the subject matter at hand ... highly recommend this text-book to anyone who is interested in learning about the fundamentals of real and functional analysis, distribution and Fourier theory, and their applications to wavelet theory.

—Mathematical Reviews

The book is a nice and compact introduction to Real Analysis. The material has been selected with a good taste and presented in a clear form. Each chapter is supplied with a list of problems, the solutions to which are presented at the end of the book. The bibliography reflects recent developments and contains the titles of the best books in the area.

—Zentralblatt für Mathematik

Translations of Mathematical Monographs, Volume 177; 1998; 256 pages; Softcover; ISBN 0-8218-2104-0; List \$93; Sale Price \$47; Order code MMONO/177.SDU202

Dynamical Systems on Homogeneous Spaces

Alexander N. Starkov, Moscow State University, Russia

This book provides a thorough discussion of many of the main topics in the field.

Theorems are stated precisely, references are provided when proofs are omitted and the historical development of the subject id described, so the book is a very useful reference.

—Bulletin of the London Mathematical Society

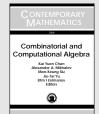
Translations of Mathematical Monographs, Volume 190; 2000; 243 pages; Hardcover; ISBN 0-8218-1389-7; List \$95; Sale Price \$48; Order code MMONO/190DU202

Recommended Text

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Yu. P. Solovyov and E. V. Troitsky, Moscow State University, Russia
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John McCleary, Vassar College, Poughkeepsie, NY, Editor Contemporary Mathematics, Volume 227; 1999; 321 pages; Softcover; ISBN 0-8218-0913-X; List \$72; Sale Price \$36; Order code CONM/227DU202

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Kai Yuen Chan, Alexander A. Mikhalev, Man-Keung Siu, and Jie-Tai Yu, University of Hong Kong, China, and Efim I. Zelmanov, Yale University, New Haven, CT, Editors

Contemporary Mathematics, Volume 264; 2000; 305 pages; Softcover; ISBN 0-8218-1984-4; List \$75; Sale Price \$38; Order code CONM/264DU202