

THE ANNALS of PROBABILITY

AN OFFICIAL JOURNAL OF THE
INSTITUTE OF MATHEMATICAL STATISTICS

Articles

- Stable limits for associated random variables
ANDRÉ ROBERT DABROWSKI AND ADAM JAKUBOWSKI 1
- Large deviations, moderate deviations and LIL for empirical processes LIMING WU 17
- Sharper bounds for Gaussian and empirical processes M. TALAGRAND 28
- On the upper and lower classes for a stationary Gaussian stochastic process
J. M. P. ALBIN 77
- Rates of convergence for empirical processes of stationary mixing sequences BIN YU 94
- A remark on convergence in distribution of U -statistics EVARIST GINÉ AND JOEL ZINN 117
- On the average difference between concomitants and order statistics
PREM K. GOEL AND PETER HALL 126
- The asymptotic distribution of intermediate sums . SÁNDOR CSÖRGÓ AND DAVID M. MASON 145
- Survival asymptotics for Brownian motion in a Poisson field
of decaying traps ERWIN BOLTHAUSEN AND FRANK DEN HOLLANDER 160
- Hitting spheres from the exterior C. BETZ AND H. GZYL 177
- Domination between trees and application to an explosion problem
ROBIN PEMANTLE AND YUVAL PERES 180
- Stationary processes indexed by a homogeneous tree JEAN-PIERRE ARNAUD 195
- Markov chains indexed by trees ITAI BENJAMINI AND YUVAL PERES 219
- Survival of one-dimensional cellular automata under random perturbations
MAURY BRAMSON AND CLAUDIA NEUHAUSER 244
- Algebraic L^2 decay of attractive critical processes on the lattice
JEAN-DOMINIQUE DEUSCHEL 264
- Exponential waiting time for a big gap in a one-dimensional
zero-range process P. A. FERRARI, A. GALVES AND C. LANDIM 284
- Particle systems and reaction-diffusion equations R. DURRETT AND C. NEUHAUSER 289
- Spatial patterns when phases separate in an interacting
particle system A. DE MASI, A. PELLEGRINOTTI, E. PRESUTTI AND M. E. VARES 334
- Asymptotics of exit times for Markov jump processes. I I. ISCOE AND D. McDONALD 372
- Random rotations: Characters and random walks on $SO(N)$ JEFFREY S. ROSENTHAL 398
- A transient random walk on stochastic matrices with Dirichlet
distributions JEAN-FRANÇOIS CHAMAYOU AND GÉRARD LETAC 424
- Dynamics of the McKean-Vlasov equation TERENCE CHAN 431
- A proof of Steutel's conjecture GUNDORPH K. KRISTIANSEN 442
- On a domination of sums of random variables by sums
of conditionally independent ones PAWEŁ HITCZENKO 453
- Integration by parts on Wiener space and the existence
of occupation densities PETER IMKELLER AND DAVID NUALART 469
- Decomposition of Dirichlet processes and its application T. J. LYONS AND T. S. ZHANG 494
- ## Correction
- Supports of certain infinitely divisible probability measures
on locally convex spaces BALRAM S. RAJPUT 525

Vol. 22, No. 1—January 1994

INSTITUTE OF MATHEMATICAL STATISTICS

(Organized September 12, 1935)

The purpose of the Institute is to foster the development and dissemination of the theory and applications of statistics and probability.

OFFICERS AND EDITORS

- President:** Stephen M. Stigler, Department of Statistics, University of Chicago, 5734 University Avenue, Chicago, Illinois 60637-1546
- President-Elect:** David R. Brillinger, Department of Statistics, University of California, Berkeley, California 94720-0001
- Past President:** Lawrence D. Brown, Department of Mathematics, White Hall, Cornell University, Ithaca, New York 14853-7901
- Executive Secretary:** Hari G. Mukerjee, Department of Mathematics and Statistics, Wichita State University, Wichita, Kansas, 67208-0033
- Treasurer:** Jessica Utts, Division of Statistics, University of California, Davis. *Please send correspondence to:* IMS Business Office, 3401 Investment Boulevard #7, Hayward, California 94545
- Program Secretary:** Iain M. Johnstone, Department of Statistics, Sequoia Hall, Stanford University, Stanford, California 94305-4065
- Editor, *The Annals of Statistics*:** Michael Woodroffe, Department of Statistics, Mason Hall, University of Michigan, Ann Arbor, Michigan 48109-1027
- Editor, *The Annals of Probability*:** James W. Pitman, Department of Statistics, University of California, Berkeley, California, 94720-0001
- Editor, *The Annals of Applied Probability*:** Richard L. Tweedie, Department of Statistics, Colorado State University, Fort Collins, Colorado, 80523
- Executive Editor, *Statistical Science*:** Robert E. Kass, Department of Statistics, Carnegie Mellon University, Pittsburgh, Pennsylvania 15213
- Editor, *The IMS Bulletin*:** Susan R. Wilson, Centre for Mathematics and its Applications, Australian National University, Canberra ACT 0200, Australia
- Editor, *IMS Lecture Notes—Monograph Series*:** David Rupert, School of Operations Research & Industrial Engineering, E & TC Building, Cornell University, Ithaca, New York, 14853-7501
- Managing Editor / Statistics:** John R. Collins, Department of Mathematics and Statistics, University of Calgary, 2500 University Drive NW, Calgary, Alberta, Canada T2N 1N4
- Managing Editor / Probability:** Paul J. Smith, Director Statistics Laboratory, Department of Mathematics, University of Maryland, College Park, Maryland, 20742

Journals. The scientific journals of the Institute are *The Annals of Applied Probability*, *The Annals of Probability*, *The Annals of Statistics* and *Statistical Science*. The news organ of the Institute is *The Institute of Mathematical Statistics Bulletin*.

Individual and Organizational Memberships. All individual members pay basic membership dues of \$50. Each regular member must elect to receive at least one scientific journal for an additional amount, as follows: *The Annals of Applied Probability* (\$10), *The Annals of Probability* (\$20), *The Annals of Statistics* (\$20) or *Statistical Science* (\$10). Of the total dues paid, \$24 is allocated to *The IMS Bulletin* and the remaining amount is allocated equally among the scientific journal(s) received. Reduced membership dues are available to full-time students, permanent residents of countries designated by the IMS Council and retired members. Retired members may elect to receive the *Bulletin* only for \$20. Organizational memberships are available to nonprofit organizations at \$425 per year and to for-profit organizations at \$700 per year. Organizational memberships include two multiple-readership copies of all IMS journals in addition to other benefits specified for each category (details available from the IMS Business Office).

Individual and General Subscriptions. Subscriptions are available on a calendar-year basis. Individual subscriptions are for the personal use of the subscriber and must be in the name of, paid directly by, and mailed to an individual. Individual subscriptions for 1994 are available to *The Annals of Applied Probability* (\$70), *The Annals of Probability* (\$80), *The Annals of Statistics* (\$80), *The IMS Bulletin* (\$45) and *Statistical Science* (\$70). General subscriptions are for libraries, institutions and any multiple-readership use. General subscriptions for 1994 are available to *The Annals of Applied Probability* (\$70), *The Annals of Probability* (\$130), *The Annals of Statistics* (\$130), *The IMS Bulletin* (\$50) and *Statistical Science* (\$75). Air mail rates for delivery outside North America are \$80 per title (excluding *The IMS Bulletin*).

Permissions policy. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the Institute of Mathematical Statistics, provided that the base fee of \$5.00 per copy, plus \$0.00 per page is paid directly to the Copyright Clearance Center, 222 Rosewood Drive, Danvers, Massachusetts 01923. For those organizations that have been granted a photocopy license by CCC, a separate system of payment has been arranged. The fee code for users of the Transactional Reporting Service is: 1050-5164/94 \$5.00 + 0.00.

Correspondence. Mail concerning membership, subscriptions, nonreceipt claims, copyright permissions, advertising or back issues should be sent to the IMS Business Office. Mail concerning submissions or editorial content should be sent to the Editor of the appropriate journal. Their addresses are listed above. Mail concerning the production of this journal should be sent to: Patrick Kelly, IMS Production Editor, Department of Statistics, 3000 Steinberg-Dietrich Hall, University of Pennsylvania, Philadelphia, Pennsylvania 19104-6302.

***The Annals of Probability* (ISSN 0091-1798),** Volume 22, Number 1, January 1994. Published quarterly by the Institute of Mathematical Statistics, 3401 Investment Boulevard #7, Hayward, California 94545. Second-class postage paid at Hayward, California and at additional mailing offices. **POSTMASTER:** Send address changes to *The Annals of Probability*, Institute of Mathematical Statistics, 3401 Investment Boulevard #7, Hayward, California 94545-3819-18.

EDITORIAL STAFF

EDITOR

JIM PITMAN

ASSOCIATE EDITORS

DAVID ALDOUS
KENNETH S. ALEXANDER
RODRIGO BAÑUELOS
JEAN BRETAGNOLLE
J. THEODORE COX
AMIR DEMBO
STEVEN N. EVANS

PATRICK J. FITZSIMMONS
TADAHISHA FUNAKI
EVARIST GINÉ
STEVEN P. LALLEY
GREGORY F. LAWLER
MICHEL LEDOUX
TERRY LYONS
MICHAEL B. MARCUS

TERRY R. MCCONNELL
ETIENNE PARDOUX
LAURENT SALOFF-COSTE
ROBERTO S. SCHOMANN
SHINZO WATANABE
RUTH J. WILLIAMS
MARC YOR

BOOK REVIEWS

SANDY ZABELL

EDITORIAL ASSISTANT
MYRNA L. HUTCHERSON

MANAGING EDITOR

PAUL J. SMITH

PRODUCTION EDITOR

PATRICK KELLY

PAST EDITORS

THE ANNALS OF MATHEMATICAL STATISTICS

H. C. CARVER, 1930–1938
S. S. WILKS, 1938–1949
T. W. ANDERSON, 1950–1952
E. L. LEHMANN, 1953–1955
T. E. HARRIS, 1955–1958

WILLIAM KRUSKAL, 1958–1961
J. L. HODGES, JR., 1961–1964
D. L. BURKHOLDER, 1964–1967
Z. W. BIRNBAUM, 1967–1970
INGRAM OLKIN, 1970–1972

THE ANNALS OF PROBABILITY

RONALD PYKE, 1972–1975
PATRICK BILLINGSLEY, 1976–1978
R. M. DUDLEY, 1979–1981
HARRY KESTEN, 1982–1984
THOMAS M. LIGGETT, 1985–1987
PETER NEY, 1988–1990
BURGESS DAVIS, 1991–1993

THE ANNALS OF STATISTICS

INGRAM OLKIN, 1972–1973
I. R. SAVAGE, 1974–1976
RUPERT G. MILLER, JR., 1977–1979
DAVID V. HINKLEY, 1980–1982
MICHAEL D. PERLMAN, 1983–1985
WILLEM R. VAN ZWET, 1986–1988

EDITORIAL POLICY

The main purpose of *The Annals of Probability* and *The Annals of Statistics* is to publish contributions to the theory of probability and statistics and to their applications. The emphasis is on importance and interest; formal novelty and mathematical correctness alone are not sufficient. Also appropriate are authoritative expository papers and surveys of areas in vigorous development. All papers are refereed.

NOTICE

Manuscripts submitted for publication in *The Annals of Probability* should be sent to the Editor at the following address:

Jim Pitman
Department of Statistics
367 Evans Hall
University of California
Berkeley, California 94720

IMS CORPORATE MEMBERS

AT & T BELL LABORATORIES
Murray Hill, New Jersey

GENERAL MOTORS CORPORATION
Research Laboratories
Warren, Michigan

BELL COMMUNICATIONS RESEARCH
Morristown, New Jersey

INTERNATIONAL BUSINESS MACHINES CORP
Thomas J. Watson Research Center
Yorktown Heights, New York

IMS INSTITUTIONAL MEMBERS

ACADEMIA SINICA
Inst of Statistical Science
Taipei, Taiwan

IOWA STATE UNIVERSITY
Dept of Statistics and Statistical Lab
Ames, Iowa

AMERICAN UNIVERSITY
Dept of Mathematics and Statistics
Washington, DC

JOHNS HOPKINS UNIVERSITY
Depts of Biostatistics
and Mathematical Sciences
Baltimore, Maryland

ARIZONA STATE UNIVERSITY
Committee on Statistics
Dept of Mathematics and Dept of
Decision and Information Systems
Tempe, Arizona

KANSAS STATE UNIVERSITY
Dept of Statistics
Manhattan, Kansas

AUSTRALIAN NATIONAL UNIVERSITY
Canberra, ACT, Australia

MARA INSTITUTE OF TECHNOLOGY
Selangor, Malaysia

BOWLING GREEN STATE UNIVERSITY
Dept of Mathematics and Statistics
Bowling Green, Ohio

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Dept of Mathematics
Cambridge, Massachusetts

CALIFORNIA STATE UNIVERSITY
AT FULLERTON
Dept of Mathematics
Fullerton, California

MCGILL UNIVERSITY
Dept of Mathematics and Statistics
Montreal, Quebec, Canada

CASE WESTERN RESERVE UNIVERSITY
Dept of Mathematics and Statistics
Cleveland, Ohio

MIAMI UNIVERSITY LIBRARY
Oxford, Ohio

CHINESE UNIVERSITY OF HONG KONG
Statistical Unit
Shatin, Hong Kong

MICHIGAN STATE UNIVERSITY
Dept of Statistics and Probability
East Lansing, Michigan

CORNELL UNIVERSITY
Dept of Mathematics
Ithaca, New York

NATIONAL SECURITY AGENCY
Fort George G. Meade, Maryland

DALHOUSIE UNIVERSITY
Killam Memorial Library
Halifax, Nova Scotia, Canada

NEW MEXICO STATE UNIVERSITY
Dept of Mathematical Sciences
Las Cruces, New Mexico

FLORIDA STATE UNIVERSITY
Dept of Statistics
Tallahassee, Florida

NORTH CAROLINA STATE UNIVERSITY
Dept of Statistics
Raleigh, North Carolina

GEORGE WASHINGTON UNIVERSITY
Dept of Statistics
Washington, DC

NORTH DAKOTA STATE UNIVERSITY LIBRARY
Fargo, North Dakota

HARVARD UNIVERSITY
Cabot Science Library
Cambridge, Massachusetts

NORTHERN ILLINOIS UNIVERSITY
Div of Statistics
DeKalb, Illinois

HARVARD UNIVERSITY
Dept of Biostatistics
Boston, Massachusetts

OHIO STATE UNIVERSITY
Dept of Statistics
Columbus, Ohio

HARVARD UNIVERSITY
Dept of Statistics
Cambridge, Massachusetts

OREGON STATE UNIVERSITY
Dept of Statistics
Corvallis, Oregon

INDIANA UNIVERSITY
Dept of Mathematics
Bloomington, Indiana

PENNSYLVANIA STATE UNIVERSITY
Dept of Statistics
University Park, Pennsylvania

INSTITUTE FOR DEFENSE ANALYSIS
Cent for Communications Research
La Jolla, California

PRINCETON UNIVERSITY LIBRARY
Princeton, New Jersey

INSTITUTO MEXICANO
DEL PETROLEO
Mexico, DF, Mexico

PURDUE UNIVERSITY LIBRARY
West Lafayette, Indiana

QUEEN'S UNIVERSITY
Dept of Mathematics and Statistics
Kingston, Ontario, Canada

RICE UNIVERSITY LIBRARY
Houston, Texas

THE ROCKEFELLER UNIVERSITY LIBRARY
New York, New York

SCOTT AIR FORCE BASE
Air Weather Service Technical Library
Scott AFB, Illinois

SIMON FRASER UNIVERSITY
Dept of Mathematics and Statistics
Burnaby, British Columbia, Canada

STANFORD UNIVERSITY
Dept of Statistics
Stanford, California

SYRACUSE UNIVERSITY
Dept of Mathematics
Syracuse, New York

TECHNISCHE UNIVERSITÄT
Inst für Math Stochastik
Braunschweig, Germany

TEMPLE UNIVERSITY
Dept of Mathematics
Philadelphia, Pennsylvania

TEXAS TECH UNIVERSITY
Dept of Mathematics
Lubbock, Texas

UNIVERSITY OF ALBERTA
Dept of Statistics
and Applied Probability
Edmonton, Alberta, Canada

UNIVERSITY OF ARIZONA
Dept of Mathematics
Tucson, Arizona

UNIVERSITY OF BATH
Library
Bath, United Kingdom

UNIVERSITY OF BRITISH COLUMBIA
Dept of Statistics
Vancouver, British Columbia, Canada

UNIVERSITY OF CALGARY
Dept of Mathematics and Statistics
Calgary, Alberta, Canada

UNIVERSITY OF CALIFORNIA
Dept of Statistics
Berkeley, California

UNIVERSITY OF CALIFORNIA
Div of Statistics
Davis, California

UNIVERSITY OF CALIFORNIA
Main Library
Irvine, California

UNIVERSITY OF CONNECTICUT
Dept of Statistics
Storrs, Connecticut

UNIVERSITY OF FLORIDA
Dept of Statistics
Gainesville, Florida

UNIVERSITY OF GEORGIA
Dept of Statistics
Athens, Georgia

UNIVERSITY OF ILLINOIS
Dept of Statistics
Champaign, Illinois

UNIVERSITY OF ILLINOIS AT CHICAGO
Dept of Math, Stat and Comp Sci
Chicago, Illinois

UNIVERSITY OF IOWA
Dept of Statistics and Actuarial Sci
Iowa City, Iowa

UNIVERSITY OF MARYLAND
Dept of Mathematics
College Park, Maryland

UNIVERSITY OF MASSACHUSETTS
Dept of Mathematics and Statistics
Amherst, Massachusetts

UNIVERSITY OF MINNESOTA
School of Statistics
Minneapolis, Minnesota

UNIVERSITY OF MISSOURI
Ellis Library
Columbia, Missouri

UNIVERSITY OF MONTREAL
Dept of Mathematics
Montreal, Quebec, Canada

UNIVERSITY OF NEBRASKA
Dept of Mathematics and Statistics
Lincoln, Nebraska

UNIVERSITY OF NEW BRUNSWICK LIBRARY
Fredericton, New Brunswick, Canada

UNIVERSITY OF NEW MEXICO
Dept of Mathematics and Statistics
Albuquerque, New Mexico

UNIVERSITY OF NORTH CAROLINA
Dept of Statistics
Chapel Hill, North Carolina

UNIVERSITY OF OREGON
Dept of Mathematics
Eugene, Oregon

UNIVERSITY OF PENNSYLVANIA
Dept of Statistics
Philadelphia, Pennsylvania

UNIVERSITY OF SOUTH CAROLINA
Dept of Statistics
Columbia, South Carolina

UNIVERSITY OF STOCKHOLM
Inst of Actuarial Math and Math Stat
Stockholm, Sweden

UNIVERSITY OF TEXAS AT AUSTIN
Dept of Mathematics
Austin, Texas

UNIVERSITY OF VICTORIA
Dept of Mathematics
Victoria, British Columbia, Canada

UNIVERSITY OF VIRGINIA
Dept of Mathematics
Charlottesville, Virginia

UNIVERSITY OF WASHINGTON
Dept of Statistics
Seattle, Washington

UNIVERSITY OF WATERLOO
Dept of Statistics and Actuarial Sci
Waterloo, Ontario, Canada

VIRGINIA COMMONWEALTH UNIVERSITY
Dept of Mathematical Sciences
Richmond, Virginia

VIRGINIA POLYTECHNIC INSTITUTE
AND STATE UNIVERSITY
Dept of Statistics
Blacksburg, Virginia

WAKE FOREST UNIVERSITY
Z. Smith Reynolds Library
Winston-Salem, North Carolina

WAYNE STATE UNIVERSITY
Dept of Mathematics
Detroit, Michigan

YORK UNIVERSITY
Dept of Mathematics
Downsview, Ontario, Canada

THE ANNALS OF PROBABILITY

INSTRUCTIONS FOR AUTHORS

Submission of Papers. Papers to be submitted for publication should be sent to the Editor of *The Annals of Probability*. (For current address, see the latest issue of the *Annals*.) **Three copies** should be submitted on paper that will take ink corrections. The manuscript will *not* normally be returned to the author; when expressly requested by the author, one copy of the manuscript will be returned. All manuscripts should be accompanied by a cover letter.

Preparation of Manuscripts. Manuscripts should be typewritten, entirely double-spaced, including references, with wide margins at sides, top and bottom. All copies must be completely legible. When technical reports are submitted, all extraneous sheets and covers must be removed. Typists should check an issue of the *Annals* for style.

Electronic Submissions. If there is an electronic version of your manuscript, please submit a 3 1/4-in. disk in addition to the paper copies. All forms of $\text{T}_{\text{E}}\text{X}$ (e.g., $\text{L}_{\text{A}}\text{T}_{\text{E}}\text{X}$, $\text{A}_{\text{M}}\text{S}_{\text{T}}\text{E}_{\text{X}}$, etc.) are acceptable.

Submission of Reference Papers. Two copies of unpublished or not easily available papers cited in the manuscript should be submitted with the manuscript.

Title. The title should be descriptive and as concise as is feasible, i.e., it should indicate the topic of the paper as clearly as possible, but every word in it should be pertinent.

Abbreviated Title. An abbreviated title to be used as a running head is also required. This should normally not exceed 35 characters.

Affiliation and Addresses. Indicate your present institutional affiliation as you would like it to appear. List the permanent mailing address of each author after the references.

Summary. Each manuscript is required to contain a summary, clearly separated from the rest of the paper, which will be printed immediately after the title. Its main purpose is to inform the reader quickly of the nature and results of the paper; it may also be used as an aid in retrieving information. The length of a summary will clearly depend on the length and difficulty of the paper, but in general it should not exceed 150 words. Formulas should be used as sparingly as possible within the summary. The summary should not make reference to results or formulas in the body of the paper—it should be self-contained.

Footnotes. Footnotes should not be used, except as described under Title Page Footnotes below. Such information should be included within the text.

Title Page Footnotes. Included as a footnote on page 1 should be the headings:

American Mathematical Society 1991 subject classifications. Primary—; secondary—.
Key words and phrases.

The classification numbers representing the primary and secondary subjects of the article may be found with instructions for its use in the *Mathematical Reviews Annual Subject Index-1991*. The key words and phrases should describe the subject matter of the article; generally they should be taken from the body of the paper.

Acknowledgment of support. Grants and contracts should also be included in this footnote.

Identification of Symbols. Manuscripts for publication should be clearly prepared to insure that all symbols are properly identified. Distinguish between “oh” and “zero,” “ell” and “one,” “epsilon” and “element of,” “summation” and “capital sigma,” etc. Indicate also when special type is required (Greek, German, script, boldface, etc.); unless indicated otherwise, formula letters will be set in italics. Acronyms should be introduced sparingly. Any handwritten symbols should be clearly identified.

Figures and Tables. Figures, charts, and diagrams should be prepared in a form suitable for photographic reproduction and should be professionally drawn twice the size they are to be printed. (These need not be submitted until the paper has been accepted for publication.) The printer does not improve upon the quality of the figures submitted. Tables should be typed on separate pages with accompanying footnotes immediately below the table.

Formulas. Fractions *in the text* are preferably written with the solidus or negative exponent; thus, $(a + b)/(c + d)$ is preferred to $\frac{a + b}{c + d}$, and $(2\pi)^{-1}$ or $1/(2\pi)$ to $\frac{1}{2\pi}$. Also, $a^{b(c)}$ and $a_{b(c)}$ are preferred to a^{b^c} and a_{b^c} , respectively. Complicated exponentials should be represented with the symbol exp. A fractional exponent is preferable to a radical sign.

References. References should be typed double-spaced and should follow the style:

Révész, P. (1982). On the increments of Wiener and related processes. *Ann. Probab.* **10** 613–622.

In textual material, the format “... Révész (1982)...” should be used. Multiple references can be distinguished as “... Révész (1982a)...”. Abbreviations for journals should be taken from a current index issue of *Mathematical Reviews*.

Copyright, Page Charges and Offprints. Page charges are \$45 per printed page. Payment of some or all of the estimated page charges associated with articles is strongly encouraged. The editorial review of articles and administration of page charges are completely separate activities. Manuscripts are reviewed and accepted prior to determining whether page charges will be paid.

Corresponding authors receive 25 gratis offprints. Offprints of discussion articles include the main article(s), discussion(s) and rejoinder(s) as a package. Corresponding authors of main articles receive 25 gratis offprints; corresponding discussants receive 10 gratis offprints. Additional offprints may be purchased by using the IMS Offprint Purchase Order Form accompanying the galley.

Copyright transfer, page charges and offprints are the responsibility of the IMS Business Manager.

Galley Proofs. The corresponding author will ordinarily receive galley proofs. Corrected galley proofs should be sent to TechBooks, AOP Redactory, 4012 Williamsburg Court, Fairfax, VA 22032.