

JOURNAL OF APPLIED PROBABILITY

VOLUME 44

NUMBER 1

MARCH 2007



CO-EDITORS-IN-CHIEF **C. C. HEYDE**
S. ASMUSSEN
FOUNDING EDITOR (1964–1989) **J. GANI**

JOURNAL OF APPLIED PROBABILITY

This is an international journal published by the Applied Probability Trust in association with the London Mathematical Society; it contains research papers and notes on applications of probability theory to the biological, physical, social and technological sciences. An annual volume of up to 1200 pages is published in four issues appearing in March, June, September and December.

EDITORIAL BOARD

Co-Editors-in-Chief

C. C. HEYDE (Columbia University and Australian National University)
S. ASMUSSEN (Aarhus Universitet)

Coordinating Editor

N. H. BINGHAM (Imperial College London)

Editors

R. J. ADLER (Technion, Haifa)
T. AVEN (University of Stavanger)
F. BACCELLI (ENS, Paris)
A. J. BADDELEY (University of Western Australia)
P. BRÉMAUD (ENS, Paris, and EPFL, Lausanne)
C. CANNINGS (University of Sheffield)
D. J. DALEY (Australian National University)
P. J. DONNELLY (University of Oxford)
P. EMBRECHTS (ETH, Zürich)
P. W. GLYNN (Stanford University)
O. HÄGGSTRÖM (Chalmers University of Technology)
P. JAGERS (Chalmers University of Technology and Göteborgs Universitet)
S. JANSON (Uppsala Universitet)
G. KERSTING (Johann Wolfgang Goethe-Universität, Frankfurt am Main)
J. F. C. KINGMAN (Isaac Newton Institute, Cambridge)
C. KLÜPPELBERG (Technische Universität München)
A. E. KYPRIANOU (University of Bath)
T. MIKOSCH (Københavns Universitet)
S. I. RESNICK (Cornell University)
L. C. G. ROGERS (University of Cambridge)
M. SCARSINI (Università di Torino)
M. SCHWEIZER (ETH, Zürich)
A. L. STOLYAR (Alcatel-Lucent)
J. L. TEUGELS (Katholieke Universiteit Leuven)
R. VAN DER HOFSTAD (Technische Universiteit Eindhoven)
D. VERE-JONES (Victoria University of Wellington)
R. R. WEBER (University of Cambridge)
W. WHITT (Columbia University)

EDITORIAL OFFICE

Executive Editor

L. J. NASH (University of Sheffield)

Production Editor

D. J. WINTERS (University of Sheffield)

All correspondence relating to the submission of papers should be sent to: The Executive Editor, Applied Probability, School of Mathematics and Statistics, University of Sheffield, Sheffield S3 7RH, UK. Subscription rates and notes for contributors are to be found on the inside back cover.

JOURNAL OF APPLIED PROBABILITY

VOLUME 44

2007



CO-EDITORS-IN-CHIEF **C. C. HEYDE**
S. ASMUSSEN
FOUNDING EDITOR (1964–1989) **J. GANI**

Published by the
Applied Probability Trust
in association with the
London Mathematical Society

© 2007

ISSN 0021–9002

Authorisation to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by the Applied Probability Trust for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the corresponding processing and royalty fees (see <http://www.copyright.com>) are paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923, USA. 0021–9002/07