JOURNAL OF APPLIED PROBABILITY

VOLUME 27 NUMBER 2 JUNE 1990



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 approximately 800 pages is published in four issues appearing in March, June, September and December.

EDITORIAL COMMIT <i>Editor-in-Chief</i>	C. C. HEYDE (Australian National University)
Coordinating Editors	N. H. BINGHAM (Royal Holloway and Bedford New College, London)M. F. NEUTS (University of Arizona)
Executive Editor	MAVIS HITCHCOCK (University of Sheffield)
EDITORS	 R. J. ADLER (Technion, Haifa) A. J. BADDELEY (CWI, Amsterdam) A. D. BARBOUR (University of Zurich) P. BREMAUD (Ecole Polytechnique, Palaiseau) S. CAMBANIS (University of North Carolina) C. CANNINGS (University of Sheffield) E. CINLAR (Princeton University) P. J. DONNELLY (Queen Mary and Westfield College, London) P. EMBRECHTS (ETH, Zurich) E. J. HANNAN (Australian National University)
	A. HORDIJK (University of Leiden)
	S. JANSON (Uppsala University) I. KARATZAS (Columbia University)
	 D. G. KENDALL (University of Cambridge) G. KERSTING (University of Frankfurt) J. F. C. KINGMAN (University of Bristol) C. M. NEWMAN (Courant Institute, New York) K. R. PARTHASARATHY (Indian Statistical Institute, New Delhi)
	S. I. RESNIĆK (Cornell University) R. L. SMITH (University of Surrey) J. L. TEUGELS (Catholic University, Louvain)
	 D. VERE-JONES (University of Wellington) W. VERVAAT (Catholic University, Nijmegen) W. WHITT (AT&T Bell Laboratories, Murray Hill, NJ) P. WHITTLE (University of Cambridge)
TECHNICAL EDITOR	KATHLEEN M. LYLE (University of Sheffield)
ADDRESS FOR CORR	ESPONDENCE
	ing to the submission of papers should be sent to:
	The Executive Editor,
	Applied Probability,
	Department of Probability and Statistics

Department of Probability and Statistics,

The University,

Sheffield S3 7RH, England.

Subscription rates and notes for contributors are to be found on the inside back cover.