

Editor-in-Chief:

J. GANI

Editors:

M. S. BARTLETT
R. BELLMAN
D. R. COX
A. DVORETZKY
P. D. FINCH
J. HAJNAL
J. M. HAMMERSLEY
E. J. HANNAN
S. KARLIN
D. G. KENDALL
M. KIMURA
D. V. LINDLEY
YU. V. LINNIK
P. A. P. MORAN
I. E. MOYAL
YU. V. PROKHOROV
A. RÉNYI
G. E. H. REUTER
L. SCHMETTERER
J. LAURIE SNELL
L. TAKÁCS
G. S. WATSON
P. WHITTLE

Journal of Applied Probability

Volume 5
Number 1
April 1968

Published by the
APPLIED PROBABILITY TRUST
in association with the
LONDON MATHEMATICAL SOCIETY

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 and review papers on applications of Probability Theory to the biological, physical, social and technological sciences. An annual volume of approximately 600 pages will be published in three numbers appearing in April, August and December.

Submission of papers

Submissions to the *Journal* may of three kinds:

- (1) *review papers* of about 40–50 printed pages in length, surveying a field of Applied Probability; these will be paid for on acceptance at the rate of £stg.100 (\$ 240) and may possibly be published later in paperback form;
- (2) *research papers*;
- (3) *short communications* of 2–3 printed pages in the nature of notes or brief accounts of work in progress.

These should be sent to any one of

Editor-in-chief:

J. GANI *Department of Probability and Statistics, The University, Sheffield, S3 7RH, England.*

Editors:

- M. S. BARTLETT *Department of Biomathematics, Pusey Street, Oxford, England.*
R. BELLMAN *Department of Electrical Engineering, University of Southern California, Los Angeles, California 90007, U.S.A.*
D. R. COX *Department of Mathematics, Imperial College of Science and Technology, London S.W.7, England.*
A. DVORETZKY *Department of Mathematics, Hebrew University of Jerusalem, Israel.*
P. D. FINCH *Department of Mathematics, Monash University, P.O. Box 92, Clayton, Victoria, Australia.*
J. HAJNAL *Department of Statistics, London School of Economics, Houghton St., London W.C.2, England*
J. M. HAMMERSLEY *Institute of Statistics, Oxford University, Oxford, England.*
E. J. HANNAN *Department of Statistics, Australian National University, P.O. Box 4, Canberra, Australia.*
S. KARLIN *Department of Mathematics, Stanford University, Stanford, Calif., U.S.A.*
D. G. KENDALL *Statistical Laboratory, Cambridge University, Cambridge, England.*
M. KIMURA *National Institute of Genetics, Yata I, III, Mishima-shi, Shizuoka-ken, Japan.*
D. V. LINDLEY *Department of Statistics, University College, Gower Street, London W.C.1., England.*
YU. V. LINNIK *Matematicheski Institut, Nab. Fontanki 25, Leningrad D-11, U.S.S.R.*
P. A. P. MORAN *Department of Statistics, Australian National University, P.O. Box 4, Canberra, Australia.*
J. E. MOYAL *Argonne National Laboratory, 9700 South Cass Avenue, Argonne, Illinois 60440, U.S.A.*
YU. V. PROKHOROV *Mathematical Institute of the Academy of Sciences of the U.S.S.R., 1-st Academichesky Proezd 28, Moscow, B-333, U.S.S.R.*
A. RÉNYI *Mathematical Institute of the Hungarian Academy of Sciences, Reáltanoda U. 13–15, Budapest V, Hungary.*
G. E. H. REUTER *Department of Mathematics, Imperial College of Science and Technology, London S.W.7, England.*
L. SCHMETTERER *Mathematical Institute of the University of Vienna, Strudlhofgasse 4, Vienna IX, Austria.*
J. LAURIE SNELL *Department of Mathematics and Astronomy, Dartmouth College, Hanover, N.H., U.S.A.*
L. TAKÁCS *Department of Mathematics, Case Western Reserve University, University Circle, Cleveland, Ohio 44106, U.S.A.*
G. S. WATSON *Department of Statistics, Johns Hopkins University, Baltimore 18, Md., U.S.A.*
P. WHITTLE *Statistical Laboratory, Cambridge University, Cambridge, England.*

Editor-in-Chief:

J. GANI

Editors:

M. S. BARTLETT

R. BELLMAN

D. R. COX

A. DVORETZKY

P. D. FINCH

J. HAJNAL

J. M. HAMMERSLEY

E. J. HANNAN

S. KARLIN

D. G. KENDALL

M. KIMURA

D. V. LINDLEY

YU. V. LINNIK

P. A. P. MORAN

I. E. MOYAL

YU. V. PROKHOROV

A. RÉNYI

G. E. H. REUTER

L. SCHMETTERER

J. LAURIE SNELL

L. TAKÁCS

G. S. WATSON

P. WHITTLE

Journal of Applied Probability

Volume 5

1968

Published by the
APPLIED PROBABILITY TRUST
in association with the
LONDON MATHEMATICAL SOCIETY