

*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

J. 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 3

Number 1

June 1966

*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 will contain research and review papers on applications of Probability Theory to the biological, physical, social and technological sciences. A volume of approximately 500 pages will be published annually in two half-yearly numbers appearing in June and December.

## Submission of papers

Submissions to the *Journal* may be 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 (\$280) 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 10, England.*

### Editors:

- M. S. BARTLETT *Department of Statistics, University College, Gower St., London, W.C. 1, 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, 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 of Wales, Aberystwyth, Cardiganshire, Wales.*
- 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 Akademicheskyy 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 Mathematical Statistics, Columbia University, New York 27, N.Y., U.S.A.*
- G. S. WATSON *Department of Statistics, Johns Hopkins University, Baltimore 18, Md., U.S.A.*
- P. WHITTLE *Statistical Laboratory, The University of Manchester, Manchester 13, 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**

**J. 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 3

1966

*Published by the*

**APPLIED PROBABILITY TRUST**

*in association with the*

**LONDON MATHEMATICAL SOCIETY**