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Reduced prices are available to members, associate members and reciprocal members. For further information, write to

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Business Manager,
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PRELIMINARY ANNOUNCEMENT

CONFERENCE

ON

GRAPHICAL METHODS IN STATISTICS

This conference, organised by the Manchester–Sheffield School of Probability and Statistics, will be held at

THE UNIVERSITY OF SHEFFIELD, U.K.

over the period 28–30 March 1977.

The conference aims to cover a range of topics in this important and developing area of statistics, including the utilisation of graphical methods in the analysis of large-scale data and the impact of sophisticated computer graphical facilities on the development of statistical method and on the teaching of statistics. Programme plans are already well advanced and an international group of speakers will present talks on various aspects of the conference theme.

The initial keynote lecture will be delivered by Professor D. R. Cox of Imperial College, London.

For further information on any aspects of the conference including requests for registration material, please communicate with:

The Conference Secretary,
Department of Probability and Statistics,
University of Sheffield,
Sheffield, S3 7RH. Telephone: Sheffield (0742) 78555
U.K. ext. 269.

Publications of the Applied Probability Trust

Methuen's Supplementary Review Series in Applied Probability

General Editor: M. S. Bartlett, M.A., D.Sc., F.R.S. Editor: J. Gani, D.I.C., Ph.D., D.Sc., F.A.A.

The following titles in this series are still available; the papers appeared in the earlier volumes of the *Journal of Applied Probability*.

Volume 2	M. Kimura:	*Diffusion models in population genetics*
Volume 3	E. J. Hannan:	*Group representations and applied probability*
Volume 5	S. Kotz:	*Recent results in information theory*
Volume 6	J. F. C. Kingman:	*On the algebra of queues*

Price per volume: £0.50 (US$1.25; $A.1.00).

Proceedings of the WHO Symposium on Quantitative Epidemiology (Moscow, November 1970): reprinted from *Advances in Applied Probability*, Volume 3.

Price per copy: £0.50 (US$1.25; $A.1.00).

Proceedings of the Conference on Directions for Mathematical Statistics
held at the University of Alberta, Edmonton, Canada, 12–16 August 1974.

This title was issued as a special supplement to *Adv. Appl. Prob.* Volume 7 No. 3.
A limited number of copies are still available at the price of £1.50 (US$3.50; $A.2.40).

Orders for the above should be sent to

Applied Probability, Dept. of Probability and Statistics,
The University, Sheffield S3 7RH, England.

All orders should be accompanied by a remittance, payable to 'Applied Probability'.

Mathematical Spectrum: A magazine of contemporary mathematics

This magazine addresses itself primarily to young mathematicians in schools, colleges of education and universities. Its object is to discuss the entire range of modern mathematical disciplines in an informative but informal manner and to relate discoveries in mathematics to progress in the natural sciences, technology, social studies and business management.

The Editors believe that the process of learning is a dialogue and consequently they wish to promote active participation by readers. Correspondence on any subject relating to mathematics and mathematical education is welcomed. There is also a problem section, and readers are encouraged to submit their solutions, the best of which are published.

For further information and a detailed price list application should be made to

Editor—Mathematical Spectrum (Ref. AP)
Hicks Building, The University,
Sheffield S3 7RH, England.

Advances in Applied Probability

The Editorial Board would like to encourage the submission to the *Advances* of Review Papers summarising and coordinating recent results in any of the fields of Applied Probability.

In addition to these Review Papers, *Advances* is also designed to be a medium of publication for (1) longer research papers in Applied Probability, which may include expository material, (2) expository papers on branches of mathematics of interest to probabilists, (3) papers outlining areas in the biological, physical, social and technological sciences in which probability models can be usefully developed, and finally, (4) papers in Applied Probability presented at conferences which do not publish their proceedings.

In short, the main function of *Advances* is to define areas of recent progress and potential development in Applied Probability. As with the *Journal of Applied Probability*, *Advances* undertakes to publish papers accepted by the Editors within 15 months of their submission.

Volume 8 No. 3 of *Advances* contains the following papers:

Subscription rates (per volume) for *Advances* in 1976 are the same as for the *Journal*, namely:

For libraries and institutions:	US$43.20	£18.00
For individuals belonging to a recognised scientific society:	US$14.40	£ 6.00

10% discount is allowed to subscribers who order current issues of both the *Journal* and *Advances* at the same time direct from the Editorial Office. The prices are as follows:

For libraries and institutions:	US$77.75	£32.40
For individuals:	US$25.90	£10.80

Prices of back issues on application to the Executive Editor.

Cheques made out on U.S., U.K. and Australian banks will be acceptable: they should be made payable to *Applied Probability*, and sent to:

Executive Editor, Applied Probability,
Department of Probability and Statistics,
The University, Sheffield S3 7RH, England.

Subscription rates

Subscriptions (post free) for the 1976 volume of the *Journal* are:
U.S. $43.20, £stg. 18.00, for libraries and institutions;
U.S. $14.40, £stg. 6.00, for individuals belonging to a recognised scientific society.
Members of the London Mathematical Society should apply direct to the Secretary of the Society for copies of the *Journal*.

All enquiries about the *Journal*, as well as other subscriptions and orders for back numbers should be sent to the Executive Editor, Miss M. Hitchcock, Department of Probability and Statistics, The University, Sheffield S3 7RH, England. The price of back numbers varies from volume to volume, and enquiries should be sent to the Executive Editor. Cheques, money orders, etc. should be made out to *Applied Probability*; cheques on U.S., U.K. and Australian banks will be acceptable.

Notes for Contributors

Submission of papers

It is a condition of publication in the *Journal of Applied Probability* that papers shall not previously have appeared elsewhere, and will not be reprinted without the written permission of the Trust. The copyright of all published papers shall be vested in the Trust. It is the general policy of the *Journal* not to accept for publication papers which cannot appear in print within 15 months of their date of submission. Authors will receive 50 reprints of their papers free, and joint authors a proportional share of this number. Additional reprints will be provided at cost.

Manuscripts should be written in English or French; manuscripts in other languages may be accepted by the Editors, but will appear (subject to the author's agreement) in English or French translation in the *Journal*. Authors are requested to comply with the following instructions in submitting their papers:

Authors in Britain, Europe, North and South America should send *three copies* of their submissions to the Applied Probability Office in Sheffield.
Authors in Australasia and the Far East should send *three copies* of their submissions to the Editor-in-Chief, Dr. J. Gani, in Canberra.

The Editor-in-Chief and the Applied Probability Office are in direct contact by Telex, and full details of the papers submitted either in Sheffield or Canberra are available in both centres.

Alternatively, authors may submit papers to any one of the Editors listed on the inside front cover. In this case, *two copies* of the submission should be sent to the Editor concerned, and *one copy*, with a copy of the covering letter, should be sent to the Applied Probability Office in Sheffield.

Journal conventions

It will be of help to the Editors if the following conventions are adopted:

a) The manuscript should be typewritten, using double spacing, on one side of the paper only.

b) Each paper submitted should be accompanied by
(i) a short abstract of approximately 4–10 lines giving a non-mathematical description of the subject matter and results;
(ii) a list of keywords detailing the contents for the purpose of computerised information retrieval.

c) References should be indicated in the text by the name of the author(s) and the date, thus: Feller (1961), and the full references listed at the end of the article in alphabetical order. Journal references should include the title of the article cited, the title of the journal (abbreviated in the style of the *International Journal of Abstracts: Statistical Theory and Method*), the volume, and inclusive page numbers. Book references should give the full title, the publisher, and the place of publication. For example:

Feller, W. (1961) A simple proof of renewal theorems. *Comm. Pure Appl. Math.* **14,** 285–293.
Robinson, E. A. (1959) *An Introduction to Infinitely Many Variates.* Griffin, London.

d) Type faces should be carefully distinguished on the manuscript using the following standard methods of marking:

Italic capitals (*T*, *I*, *R*) and lower case letters (*t*, *i*, *r*) should be underlined once, e.g. T, I, R, t, i, r. Bold-face capitals (**T, I, R**) and lower case letters (**t, i, r**) should have a curly underline, e.g., T, I, R, t, i, r. Greek characters (α, β, θ) and script letters ($\mathcal{J}$, $\mathcal{I}$, $\mathcal{R}$) should be carefully drawn and identified when first used by a marginal note of the form 'α—lower case Greek alpha' or '$\mathcal{R}$—script R'.

e) Indices and subscripts should be clearly distinguished, using the marking $\vee$, $\wedge$ where necessary.

Authors will receive only first proofs for correction; charges will be made for excessive alteration to these.

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