

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. The papers should be approximately 40–50 printed pages in length. On acceptance of a Review Paper for publication in the *Advances*, the author will receive £stg. 100 (U.S. \$240).

In addition to these Review Papers, *Advances* is also designed to be a medium of publication for (1) long 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models can be usefully developed, and finally, (4) papers in Applied Probability presented at conferences which do not publish their proceedings.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.

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Volume 3 No. 1 of *Advances* will contain the following papers:

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| | Part II: Homogeneous Poisson flats and the complementary theorem |
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ANNOUNCEMENT

We have great pleasure in announcing the publication of the proceedings of the Symposium on

FOUNDATIONS OF STATISTICAL INFERENCE

held at the Department of Statistics, University of Waterloo from 31 March 1970 to 9 April 1970. The proceedings contain the following papers which were read at the Symposium and their discussions.

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G. A. Barnard & D. A. Sprott: A Note on Basu's Examples of Anomalous Ancillary Statistics

C. R. Rao: Some Aspects of Statistical Inference in Problems of Sampling from Finite Populations

D. Basu: An Essay on the Logical Foundations of Survey Sampling, Part I

V. P. Godambe & M. E. Thompson: The Specification of Prior Knowledge by Classes of Prior Distributions in Survey Sampling Estimation

R. Royall: Linear Regression Models in Finite Population Sampling Theory

J. Orear & D. Cassel: Applications of Statistical Inference to Physics

G. A. Barnard: Scientific Inferences and Day to Day Decisions

J. A. Hartigan: Similarity and Probability

J. S. Williams: Two Nonstandard Methods of Inference for Single Parameter Distributions

R. J. Buehler: Measuring Information and Uncertainty

E. T. Jaynes: The Well-Posed Problem

A. Plante: Counter-Examples and Likelihood

H. Rubin: Occam's Razor Needs New Blades

J. D. Kalbfleisch: Likelihood Methods of Prediction

J. B. Whitney: The Use of the Structural Model in Combining Data Bearing on the Same Characteristics

C. Villegas: On Haar Priors

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D. V. Lindley: The Estimation of Many Parameters

S. Geisser: The Inferential Use of Predictive Distributions

O. Kempthorne: Probability, Statistics and the Knowledge Business

I. D. J. Bross: Critical Levels, Statistical Language, and Scientific Inference

Publishers: Holt, Rinehart and Winston of Canada Ltd., Toronto.

Date of Publication: January 1971.

Editors:

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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.

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CONTENTS

Volume 8

Number 1

March 1971

Research Papers

STEPHEN D. DURHAM	1	Limit theorems for a general critical branching process
EDWARD W. WEISSNER	17	Multitype branching processes in random environments
A. G. PAKES	32	Branching processes with immigration
E. SENETA	43	On invariant measures for simple branching processes
C. C. HEYDE	52	Some central limit analogues for supercritical Galton-Watson processes
MORTON I. KAMIEN AND NANCY L. SCHWARTZ	60	Expenditure patterns for risky R and D projects
WARD WHITT	74	Weak convergence theorems for priority queues: preemptive-resume discipline
SREEKANTAN S. NAIR	95	A single server tandem queue
ORA ENGELBERG PERCUS AND JEROME K. PERCUS	110	Generating functions for a class of one-dimensional random walks
A. PAPOULIS	118	High density shot noise and Gaussianity
D. J. DALEY	128	The definition of a multi-dimensional generalization of shot noise
SIDNEY I. RESNICK	136	Tail equivalence and its applications
E. J. HANNAN AND P. J. THOMSON	157	Spectral inference over narrow bands
A. J. LAWRENCE	170	Selective interaction of a Poisson and renewal process: the dependency structure of the intervals between responses
S. BLUMENTHAL, J. A. GREENWOOD AND L. HERBACH	184	Superimposed non-stationary renewal processes

Short Communications

I. V. BASAWA	193	Some models based on the interaction of two independent Markovian point processes
R. M. PHATARFORD, T. P. SPEED AND A. M. WALKER	198	A note on random walks
B. W. CONOLLY	202	Some applications of the theory of infinite capacity service systems to a single server system with linearly state dependent service
C. L. MALLOWS AND J. M. C. LARK	208	Corrections to "Linear-intercept distributions do not characterize plane sets"
OBITUARY	210	Sir Edward Collingwood