

JOURNAL OF THE ROYAL STATISTICAL SOCIETY

SERIES B (METHODOLOGICAL)

VOLUME 32 No. 2 1970

CONTENTS

- Estimation of the branch points of a branching diffusion process (with Discussion) A. W. F. EDWARDS
- Application of likelihood methods to models involving large numbers of parameters (with Discussion) J. D. KALBFLEISCH and D. A. SPROTT
- Sampling with random stratum boundaries W. A. FULLER
- On asymptotic relative efficiencies of a class of rank tests J. L. GASTWIRTH
- A short cut in the fitting of autoregressive series W. D. RAY
- An accuracy criterion for Bayesian tolerance intervals R. G. EASTERLING and D. L. WEEKS
- Convergent sequences of bounds for some parameters of a simple sequential test K. W. KEMP
- Some problems of fitting for contingency-type bivariate distributions K. V. MARDIA
- An alternative derivation of a result due to Srivastava and Bancroft B. C. ARNOLD
- On the representation of ignorance in Poisson processes A. M. HASOFER
- Multi-stage interval estimations of the largest mean of k normal populations YUNG LIANG TONG
- A simple problem with strikingly different frequentist and Bayesian solutions M. L. CHAMBERS
- Asymptotic properties of conditional maximum-likelihood estimators E. B. ANDERSEN
- Durbin's new multistage variance estimator K. R. W. BREWER and M. HANIF
- The fitting of non-stationary time series models with time-dependent parameters T. SUBBA RAO

CONTENTS

	PAGE
BOWTELL, A. J. and COHN, P. M. Bounded and invariant elements in 2-firs	1
ORDMAN, E. T. On subgroups of amalgamated free products	13
JOSEPH, A. A second anticommutant theorem for symmetric ternary algebras	25
MARKHAM, T. L. Factorizations of completely positive matrices	53
NORTHCOTT, D. G. Homology, Hilbert functions, and the conservation of number	59
WRIGHT, P. Collapsing $K \times I$ to vertical segments	71
HODGSON, J. P. E. Automorphisms of metastably connected PL -manifolds	75
DUNCAN, J. Compact operators and Banach algebras	79
RIDER, D. Functions which operate on positive definite functions	87
RUSSELL, D. C. Summability methods which include the Riesz typical means. I	99
DIKSHIT, H. P. Absolute total-effective (N, p_n) means	107
BEARDON, A. F. Montel's theorem for subharmonic functions and solutions of partial differential equations	123
BEARDON, A. F. Integral means of subharmonic functions	151
RAJWADE, A. R. The period equation for primes p congruent to 1 (mod 5)	153
COATES, J. An application of the Thue-Siegel-Roth theorem to elliptic functions	157
PIETRO, J. S. Some computations in the modular representation ring of a finite group	163
MARTINS, P. DE A. P. An iterative method to calculate the phases of Coulomb functions	167
MILLAR, R. F. Singularities of two-dimensional exterior solutions of the Helmholtz equation	175
TODD, L. Two-dimensional flow past a flat plate in the presence of boundary walls	189
SCHNUTE, J. T. The scattering of surface waves by two submerged cylinders	201
MILLAR, R. F. On the Rayleigh assumption in scattering by a periodic surface. II	217
GREEN, A. E., NAGHDI, P. M. and WENNER, M. L. Linear theory of Cosserat surface and elastic plates of variable thickness	227

Printed in Great Britain at the University Printing House, Cambridge