

THE ANNALS of MATHEMATICAL STATISTICS

FOUNDED AND EDITED BY H. C. CARVER, 1930-1938

EDITED BY S. S. WILKS, 1938-1949

THE OFFICIAL JOURNAL OF THE INSTITUTE
OF MATHEMATICAL STATISTICS

Contents

	PAGE
William Feller, 1906-1970	iv
The publications of William Feller	ix
Extrapolation and interpolation of stationary Gaussian processes H. DYM AND H. P. MCKEAN	1817
Estimating the empiric distribution function of a parameter sequence RICHARD J. FOX	1845
Behavior of moments of row sums of elementary systems B. M. BROWN AND G. K. EAGLESON	1853
Block designs for mixture experiments	A. K. NIGAM 1861
Some properties of a normal process near a local maximum	GEORG LINDGREN 1870
A complete class theorem for multidimensional one-sided alternatives MORRIS L. EATON	1884
A non-linear characterization of the normal distribution ALBERT KINGMAN AND FRANKLIN A. GRAYBILL	1889
Linear rank statistics under alternatives indexed by a vector parameter ..	R. J. BERAN 1896
Some remarks on the two-armed bandit	J. FABIUS AND W. R. VAN ZWET 1906
The optimum design of a two-factor experiment using prior information ..	R. J. OWEN 1917
A property of Poisson processes and its application to macroscopic equilibrium of particle systems	MARK BROWN 1935
On selection procedures based on ranks: counterexamples concerning least favorable configurations	M. HASEEB RIZVI AND GEORGE G. WOODWORTH 1942
On the coupon collector's waiting time	BENGT ROSÉN 1952
A characteristic property of the multivariate normal density function and some of its applications	G. P. PATIL AND M. T. BOSWELL 1970
Convergence of sums of random variables conditioned on a future change of sign THOMAS M. LIGGETT	1978
The folded cubic association scheme	PETER W. M. JOHN 1983
Exact confidence intervals in regression problems with independent symmetric errors J. A. HARTIGAN	1992
Estimation and testing hypotheses for one, two, or several samples from general multi- variate distributions	MASAO TANAKA 1999
Estimation of the last mean of a monotone sequence ARTHUR COHEN AND HAROLD B. SACKROWITZ	2021
F -square and orthogonal F -squares design: A generalization of Latin square and or- thogonal Latin squares design	A. HEDAYAT AND E. SEIDEN 2035
Global cross sections and the densities of maximal invariants	UWE KOEHN 2045
Designs for regression problems with correlated errors, III JEROME SACKS AND DONALD YLVISAKER	2057

Continued on back cover

Vol. 41, No. 6—December 1970