

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

VOLUME 42

1971

CONTENTS OF VOLUME 42

ARTICLES AND SHORT COMMUNICATIONS

ADAMS, J. E., GRAY, H. L. AND WATKINS, T. A. An asymptotic characterization of bias reduction by jackknifing.....	1606-1612
AHLSWEDE, R. Group codes do not achieve Shannon's channel capacity for general discrete channels.....	224-240
AHUJA, J. C. Distribution of the sum of independent decapitated negative binomial variables.....	383-384
AIGNER, MARTIN. Note on the characterization of certain association schemes.....	363-367
AL-HUSSAINI, A. Independent sequences with the Carefoot-Flett property.....	789-793
ANDĚL, Jiří. Local properties of the autoregressive series.....	67-74
ANDĚL, Jiří. On the multiple autoregressive series.....	755-759
ANDERSON, D. A. AND SRIVASTAVA, J. N. Factorial association schemes with applications to the construction of multidimensional partially balanced designs.....	1167-1181
ANDERSON, MARY R. A characterization of the multivariate normal distribution.....	824-827
ATHREYA, KRISHNA B. AND KARLIN, SAMUEL. On branching processes with random environments, I: Extinction probabilities.....	1499-1520
ATHREYA, KRISHNA B. AND KARLIN, SAMUEL. Branching processes with random environments, II: Limit theorems.....	1843-1858
BANCROFT, T. A. and KENNEDY, W. J. Model building for prediction in regression based upon repeated significance tests.....	1273-1284
BASU, A. K., OWEN, W. L. AND THOMPSON, M. E. On the existence of the optimal stopping rule in the S_n/n problem when the second moment is infinite.....	1936-1942
BAUM, LEONARD E., KATZ, M. AND STRATTON, H. H. Strong laws for ruled sums.....	625-629
BEGGS, WILLIAM J. AND DRAPER, NORMAN R. Errors in the factor levels and experimental design.....	46-58
BEHNEN, KONRAD. Asymptotic optimality and ARE of certain rank-order tests under contiguity.....	325-329
BERAN, R. J. A note on distribution-free statistical inference with upper and lower probabilities.....	1943-1948
BERAN, R. J. On distribution-free statistical inference with upper and lower probabilities.....	157-168
BERMAN, SIMEON M. Asymptotic independence of the numbers of high and low level crossings of stationary Gaussian processes....	927-945
BHATTACHARYA, P. K. Transformations of Gaussian processes to the Brownian motion.....	2008-2017

BHATTACHARYA, R. N. Rates of weak convergence and asymptotic expansions for classical central limit theorems	241-259
BICKEL, P. J. AND WICHURA, M. J. Convergence criteria for multi-parameter stochastic processes and some applications	1656-1670
BLOCK, H. W. Accuracy of convergence of sums of dependent random variables with variances not necessarily finite	2134-2138
BOGDANOFF, DAVID A. AND PIERCE, DONALD A. Note on Bayesian-fiducial intervals for problems of location and scale	833-836
BORWANKER, J., KALLIANPUR, G. AND RAO, B. L. S. PRAKASA. The Bernstein-von Mises theorem for Markov processes	1241-1253
BOYLAN, EDWARD S. Equiconvergence of martingales	552-559
BOZA, LUIS B. Asymptotically optimal tests for finite Markov chains	1992-2007
BROWN, B. M. A note on convergence of moments	777-779
BROWN, B. M. Martingale central limit theorems	59-66
BROWN, L. D. Admissible estimators, recurrent diffusions, and insoluble boundary value problems	855-903
BROWN, L. D. Non-local asymptotic optimality of appropriate likelihood ratio tests	1206-1240
BROWN, MARK. Discrimination of Poisson processes	773-776
BRUCKNER, L. A. Moving averages of homogeneous random fields	2147-2149
BUEHLER, ROBERT J. AND HENDRICKSON, ARLO D. Proper scores for probability forecasters	1916-1921
CHOPRA, D. V. AND SRIVASTAVA, J. N. On the characteristic roots of the information matrix of 2^m balanced factorial designs of resolution V, with applications	722-734
CHOW, Y. S. The L_p -convergence for $n^{-1/p} S_n$, $0 < p < 2^*$	393-394
CHOW, Y. S. AND TEICHER, H. Almost certain summability of independent, identically distributed random variables	401-404
CLEVELAND, WILLIAM S. Projection with the wrong inner product and its application to regression with correlated errors and linear filtering of time series	616-624
COHEN, ARTHUR AND STRAWDERMAN, WILLIAM E. Admissibility of estimators of the mean vector of a multivariate normal distribution with quadratic loss	270-296
COHEN, ARTHUR AND STRAWDERMAN, WILLIAM E. Unbiasedness of tests for homogeneity of variances	355-360
COVER, THOMAS M. AND HELLMAN, MARTIN E. On memory saved by randomization	1075-1078
DANIEL, JAMES W. Asymptotic behavior of high order means	1761-1762
DARST, R. B. On universal measurability and perfect probability	352-354
DAVID, H. T. AND MENSING, RICHARD W. Absorption probabilities for certain two-dimensional random walks	304-314
DEGROOT, MORRIS H., FEDER, PAUL I. AND GOEL, PREM K. Matchmaking	578-593

DEHARDT, J. Generalizations of the Glivenko-Cantelli theorem.	2050-2055
DENARDO, ERIC V. Markov renewal programming with small interest rates.	477-496
DESU, M. M. A characterization of the exponential distribution by order statistics	837-838
DICKEY, JAMES M. The weighted likelihood ratio, linear hypotheses on normal location parameters.	204-223
DOKSUM, KJELL AND THOMPSON, RORY. Power bounds and asymptotic minimax results for one-sample rank tests.	12-34
DRAPER, NORMAN R. AND BEGGS, WILLIAM J. Errors in the factor levels and experimental design.	46-58
DURHAM, S. D. A problem concerning generalized age-dependent branching processes with immigration.	1121-1123
ERICKSON, R. V. Constant coefficient linear differential equations driven by white noise.	820-823
ERICKSON, R. V. On the existence of absolute moments for the extinction time of a Galton-Watson process.	1124-1128
FEDER, PAUL I., DEGROOT, MORRIS H. AND GOEL, PREM K. Matchmaking.	578-593
FEDERER, W. T. AND HEDAYAT, A. On embedding and enumeration of orthogonal Latin squares.	509-516
FEDERER, W. T. AND RAKTOE, B. L. On the number of generators of saturated main effect fractional replicates.	1758-1760
FELDMAN, J. AND SMORODINSKY, M. Bernoulli flows with infinite entropy.	381-382
FERNANDEZ, PEDRO J. A weak convergence theorem for random sums in a normed space.	1737-1741
FINE, TERRENCE. A note on the existence of quantitative probability.	1182-1186
FINKELSTEIN, HELEN. The law of the iterated logarithm for empirical distributions.	607-615
FISHBURN, PETER C. One-way expected utility with finite consequence spaces.	572-577
FISHER, LLOYD AND VAN NESS, JOHN W. The topology of distinguishability.	1262-1272
FOSTER, JAMES H. A limit theorem for a branching process with state-dependent immigration.	1773-1776
FOX, MARTIN. Admissibility of certain location invariant multiple decision procedures.	1553-1561
FRASER, D. A. S. AND PRENTICE, R. L. Randomized models and the dilution and bioassay problems.	141-146
GÄNSSLER, P. AND PFANZAGL, J. Convergence of conditional expectations.	315-324
GERBER, HANS U. The discounted central limit theorem and its Berry-Esséen analogue.	389-392

GETOOR, R. K. Regularity of excessive functions II	2057-2063
GHOSH, J. K. A new proof of the Bahadur representation of quantiles and an application	1957-1961
GHOSH, MALAY. On the Wald-optimality of rank-order tests for paired comparisons	1970-1976
GHOSH, MALAY AND SEN, PRANAB KUMAR. On bounded length sequential confidence intervals based on one-sample rank-order statistics	189-203
GHOSH, MALAY AND SEN, PRANAB KUMAR. On a class of rank order tests for regression with partially informed stochastic predictors	650-661
GILAT, DAVID. On the nonexistence of a three series condition for series of nonindependent random variables	409
GILAT, DAVID. Some conditions under which two random variables are equal almost surely and a simple proof of a theorem of Chung and Fuchs	1647-1655
GOEL, PREM K., DEGROOT, MORRIS H. AND FEDER, PAUL I. Matchmaking	578-593
GOLDMAN, MALCOLM. On the first passage of the integrated Wiener process	2150-2155
GRAY, H. L., ADAMS, J. E. AND WATKINS, T. A. An asymptotic characterization of bias reduction by jackknifing	1606-1612
GRIEGO, RICHARD J., HEATH, DAVID AND RUIZ-MONCAYO, ALBERTO. Almost sure convergence of uniform transport processes to Brownian motion	1129-1131
GUIASU, SILVIU. On the asymptotic distribution of the sequences of random variables with random indices	2018-2028
GUPTA, A. K. Noncentral distribution of Wilks' statistic in MANOVA	1254-1261
HAMPEL, FRANK R. A general qualitative definition of robustness . . .	1887-1896
HANSON, D. L. AND WRIGHT, F. T. A bound on tail probabilities for quadratic forms in independent random variables	1079-1083
HARVILLE, DAVID A. On the distribution of linear combinations of non-central chi-squares	809-811
HEATH, DAVID, GRIEGO, RICHARD J. AND RUIZ-MONCAYO, ALBERTO. Almost sure convergence of uniform transport processes to Brownian motion	1129-1131
HEDAYAT, A. AND FEDERER, W. T. On embedding and enumeration of orthogonal Latin squares	509-516
HELLMAN, MARTIN E. AND COVER, THOMAS M. On memory saved by randomization	1075-1078
HENDRICKSON, ARLO D. AND BUEHLER, ROBERT J. Proper scores for probability forecasters	1916-1921
HOADLEY, BRUCE. Asymptotic properties of maximum likelihood estimators for the independent not identically distributed case . . .	1977-1991

HOEL, DAVID G. A method for the construction of sequential selection procedures.....	630-642
HOLLANDER, MYLES AND RANGLES, RONALD H. T-minimax selection procedures in treatments versus control problems.....	330-341
HOLM, STURE. On non-parametric asymptotically minimax tests.....	497-508
HOLST, LARS. Limit theorems for some occupancy and sequential occupancy problems.....	1671-1680
HOROWITZ, JOSEPH. A note on the arc-sine law and Markov random sets.....	1068-1074
HOU, TIEN-FANG. Approachability in a two-person game.....	735-744
HUFF, BARTHEL, W. Superpositions and the continuity of infinitely divisible distributions.....	410-412
IGLEHART, DONALD L. AND WHITT, WARD. The equivalence of functional central limit theorems for counting processes and associated partial sums.....	1372-1378
IMHOF, J. P. Some joint laws in fluctuation theory.....	1099-1103
ISAACSON, DEAN. Continuous martingales with discontinuous marginal distributions.....	2139-2142
JAECKEL, LOUIS A. Robust estimates of location: Symmetry and asymmetric contamination.....	1020-1034
JAECKEL, LOUIS A. Some flexible estimates of location.....	1540-1552
JAGERS, PETER. Diffusion approximations of branching processes...	2074-2078
JOHNS, M. V., JR. AND VAN RYZIN, J. Convergence rates for empirical Bayes two-action problems I. Discrete case.....	1521-1539
JOHNSON, PRUCE MCK. On the admissible estimators for certain fixed sample binomial problems.....	1579-1587
JOHNSON, N. L. AND SIMONS, GORDON. On the convergence of binomial to Poisson distributions.....	1735-1736
JOSHI, PRAKASH C. Recurrence relations for the mixed moments of order statistics.....	1096-1098
JOSHI, V. M. Admissibility of arbitrary estimates as unbiased estimates of their expectations in a finite population.....	839-841
JOSHI, V. M. Admissibility of the usual confidence sets for a class of bivariate populations.....	662-679
JOSHI, V. M. A note on admissible sampling designs for a finite population.....	1425-1428
JOSHI, V. M. Hyperadmissibility of estimators for finite populations..	680-690
JOURIS, G. M. AND PILLAI, K. C. S. Some distribution problems in the multivariate complex Gaussian case.....	517-525
JUREČKOVÁ, JANA. Nonparametric estimates of regression coefficients.....	1328-1338
KADANE, JOSEPH B. A moment problem for order statistics.....	745-751
KAGEYAMA, S. An improved inequality for balanced incomplete block designs.....	1448-1449

KAILATH, THOMAS. The structure of Radon-Nikodym derivatives with respect to Wiener and related measures.	1054-1067
KAILATH, THOMAS AND ZAKAI, MOSHE. Absolute continuity and Radon-Nikodym derivatives for certain measures relative to Wiener measure.	130-140
KAKUMANU, PRASADARAO. Continuously discounted Markov decision model with countable state and action space.	919-926
KALISH, GEORGE AND MIKULSKI, PIOTR W. The asymptotic behavior of the Smirnov test compared to standard "optimal procedures".	1742-1747
KALLIANPUR, G., BORWANKER, J. AND RAO, B. L. S. PRAKASA. The Bernstein-von Mises theorem for Markov processes.	1241-1253
KAPPENMAN, RUSSELL F. A note on the multivariate t-ratio distribution.	349-351
KARLIN, SAMUEL AND ATHREYA, KRISHNA B. On branching processes with random environments, I: Extinction probabilities.	1499-1520
KARLIN, SAMUEL AND ATHREYA, KRISHNA B. Branching processes with random environments, II: Limit theorems.	1843-1858
KATTI, S. K. AND WARDE, W. D. Infinite divisibility of discrete distributions, II.	1088-1090
KATZ, M., BAUM, LEONARD E. AND STRATTON, H. H. Strong laws for ruled sums.	625-629
KELKER, DOUGLAS. Infinite divisibility and variance mixtures of the normal distribution.	802-808
KENNEDY, DOUGLAS P. A functional central limit theorem for k -dimensional renewal theory.	376-380
KENNEDY, W. J. AND BANCROFT, T. A. Model building for prediction in regression based upon repeated significance tests.	1273-1284
KLEYLE, ROBERT. Upper and lower posterior probabilities for truncated means.	976-990
Koop, J. C. On splitting a systematic sample for variance estimation.	1084-1087
KOUL, HIRA LAL. Asymptotic behavior of a class of confidence regions based on ranks in regression.	466-476
KRAUTH, J. A locally most powerful tied rank test in a Wilcoxon situation.	1949-1955
KRENGEL, ULRICH. On the individual ergodic theorem for subsequences.	1091-1095
KRISHNAJI, N. Note on a characterizing property of the exponential distribution.	361-362
KULLBACK, S. Marginal homogeneity of multidimensional contingency tables.	594-606
KURTZ, THOMAS G. Comparison of semi-Markov and Markov processes.	991-1002

LAMB, CHARLES W. A note on harmonic functions and martingales . . .	2044-2049
LAMB, CHARLES W. On the construction of certain transition functions	439-450
LAND, CHARLES E. Confidence intervals for linear functions of the normal mean and variance	1187-1205
LAWLESS, J. F. A note on certain types of BIBD's balanced for residual effects	1439-1441
LEDYARD, J. O. A pseudo-metric space of probability measures and the existence of measurable utility	794-798
LEE, YOONG-SIN. Distribution of the canonical correlations and asymptotic expansions for distributions of certain independence test statistics	526-537
LEVITAN, MICHAEL L. A generalized Doeblin ratio limit theorem	904-911
LIGGETT, W. S., JR. On the asymptotic optimality of spectral analysis for testing hypotheses about time series	1348-1358
LIPPMAN, STEVEN A. Maximal average-reward policies for semi-Markov decision processes with arbitrary state and action space	1717-1726
LORDEN, G. Procedures for reacting to a change in distribution	1897-1908
MACNEILL, IAN B. Limit processes for co-spectral and quadrature spectral distribution functions	81-96
MADSEN, RICHARD W. A note on some ergodic theorems of A. Paz	405-408
MARSAGLIA, GEORGE. Random variables with independent binary digits	1922-1929
MASON, J. DAVID. Local theorems in strengthened form for lattice random variables	784-788
MATHAI, A. M. AND RATHIE, P. N. The exact distribution of Wilks' criterion	1010-1019
MCELIECE, ROBERT J. AND POSNER, EDWARD C. Hide and seek, data storage, and entropy	1706-1716
MEEDEN, GLEN. Finding best tests approximately for testing hypotheses about a random parameter	1452-1454
MENSING, RICHARD W. AND DAVID, H. T. Absorption probabilities for certain two-dimensional random walks	304-314
MIKULSKI, PIOTR W. AND KALISH, GEORGE. The asymptotic behavior of the Smirnov test compared to standard "optimal procedures"	1742-1747
MILLIKEN, GEORGE A. New criteria for estimability for linear models	1588-1594
MILNE, R. K. Simple proofs of some theorems on point processes	368-372
MOHANTY, S. G. A short proof of Steck's result on two-sample Smirnov statistics	413-414
MOORE, D. S. A chi-square statistic with random cell boundaries	147-156

MYHRE, J. M. AND SAUNDERS, SAM C. Approximate confidence limits for complex systems with exponential component lives	342-348
MURTY, V. N. Optimal designs with a polynomial spline regression with a single multiple knot at the center	952-960
MURTY, V. N. Optimal designs with a Tchebycheffian spline regression function	643-649
MUSTAFAI, CHANDAN K. On a class of bivariate distributions following a certain stochastic structure	1359-1371
NADLER, JACK AND ROBBINS, NAOMI B. Some characteristics of Page's two-sided procedure for detecting a change in a location parameter	538-551
NAGARSENKER, B. N. AND PILLAI, K. C. S. On the distribution of the sphericity test criterion in classical and complex normal populations having unknown covariance matrices	764-767
NEAVE, HENRY R. The exact error in spectrum estimates	961-975
NEMETH, E. A new family of BIBD's	1118-1120
NEUHAUS, GEORG. On weak convergence of stochastic processes with multidimensional time parameter	1285-1295
OBENCHAIN, R. L. Multivariate procedures invariant under linear transformations	1569-1578
OWEN, W. L., BASU, A. K. AND THOMPSON, M. E. On the existence of the optimal stopping rule in the S_n/n problem when the second moment is infinite	1936-1942
PAKES, A. G. The serial correlation coefficients of waiting times in the stationary GI/M/1 queue	1727-1734
PATHAK, P. K. AND RICKERT, NEIL W. Some results on invariant sets for translation parameter family of probability measures—I	1562-1568
PFANZAGL, J. A counterexample to a lemma of L. D. Brown	373-375
PFANZAGL, J. AND GÄNSSLER, P. Convergence of conditional expectations	315-324
PIERCE, DONALD A. AND BOGDANOFF, David A. Note on Bayesian fiducial intervals for problems of location and scale	833-836
PILLAI, K. C. S. AND JOURIS, G. M. Some distribution problems in the multivariate complex Gaussian case	517-525
PILLAI, K. C. S. AND NAGARSENKER, B. N. On the distribution of the sphericity test criterion in classical and complex normal populations having unknown covariance matrices	764-767
PILLAI, R. N. Semi-stable laws as limit distributions	780-783
PLACHKY, DETLEF. On a theorem of G. L. Sievers	1442-1443
PORTNOY, STEPHEN. Formal Bayes estimation with application to a random effects model	1379-1402
PORTNOY, STEPHEN AND STEIN, CHARLES. Inadmissibility of the best invariant test in three or more dimensions	799-801
POSNER, EDWARD C. AND McELIECE, ROBERT J. Hide and seek, data storage, and entropy	1706-1716

POSNER, EDWARD C. AND RODEMICH, EUGENE R. Epsilon entropy and data compression	2079–2125
PRENTICE, R. L. AND FRASER, D. A. S. Randomized models and the dilution and bioassay problems	141–146
QUALLS, CLIFFORD AND WATANABE, HISAO. An asymptotic 0-1 behavior of Gaussian processes	2029–2035
QUESENBERRY, C. P. AND SEHEULT, A. H. On unbiased estimation of density functions	1434–1438
RAKTOE, E. L. AND FEDERER, W. T. On the number of generators of saturated main effect fractional replicates	1758–1760
RANDLES, H. RONALD AND HOLLANDER, MYLES. T-minimax selection procedures in treatments versus control problems	330–341
RAO, B. L. S. PRAKASA, BORWANKER, J. AND KALLIANPUR, G. The Bernstein-von Mises theorem for Markov processes	1241–1253
RATHIE, P. N. AND MATHAI, A. M. The exact distribution of Wilks' criterion	1010–1019
RICKERT, NEIL W. AND PATHAK, P. K. Some results on invariant sets for translation parameter family of probability measures—I	1562–1568
ROBBINS, NAOMI B. AND NADLER, JACK. Some characteristics of Page's two-sided procedure for detecting a change in a location parameter	538–551
ROBERTSON, JAMES B. An algorithm for computing the non-linear predictor	75–80
RODEMICH, EUGENE R. AND POSNER, EDWARD C. Epsilon entropy and data compression	2079–2125
RODRIGUEZ, DENNIS M. Processes obtainable from Brownian motion by means of a random time change	115–129
ROOT, DAVID. A counterexample in renewable theory	1763–1766
ROSENBLATT, MURRAY. Curve estimates	1815–1842
ROSS, SHELDON M. Infinitesimal look-ahead stopping rules	297–303
ROSS, SHELDON M. On the nonexistence of ϵ -optimal randomized stationary policies in average cost Markov decision models	1767–1768
ROTHMAN, EDWARD D. Tests of coordinate independence for a bivariate sample on a torus	1962–1969
RUEGG, ALAN F. A necessary condition on the infinite divisibility of probability distributions	1681–1685
RUIZ-MONCAYO, A. A note on first passages for $S_n/n^{\frac{1}{2}}$	398–400
RUIZ-MONCAYO, ALBERTO, GRIEGO, RICHARD J. AND HEATH, DAVID. Almost sure convergence of uniform transport processes to Brownian motion	1129–1131
SAUNDERS, SAM C. AND MYHRE, J. M. Approximate confidence limits for complex systems with exponential component lives	342–348
SCHACH, SIEGFRIED. Weak convergence results for a class of multivariate Markov processes	451–465
SCHWARZ, GIDEON. A sequential Student test	1003–1009

SCOTT, ALASTAIR. Large-sample posterior distributions for finite populations.....	1113-1117
SEELY, JUSTUS. Quadratic subspaces and completeness.....	710-721
SEELY, JUSTUS AND ZYSKIND, GEORGE. Linear spaces and minimum variance unbiased estimation.....	691-703
SEHEULT, A. H. AND QUESENBERRY, C. P. On unbiased estimation of density functions.....	1434-1438
SEN, PRANAB KUMAR. A Hájek-Rényi type inequality for stochastic vectors with applications to simultaneous confidence regions... .	1132-1134
SEN, PRANAB KUMAR. A note on weak convergence of empirical processes for sequences of ϕ -mixing random variables.....	2131-2133
SEN, PRANAB KUMAR. Asymptotic efficiency of a class of aligned rank order tests for multiresponse experiments in some incomplete block designs.....	1104-1112
SEN, PRANAB KUMAR AND GHOSH, MALAY. On a class of rank order tests for regression with partially informed stochastic predictors.....	650-661
SEN, PRANAB KUMAR AND GHOSH, MALAY. On bounded length sequential confidence intervals based on one-sample rank-order statistics.....	189-203
SERFOZO, RICHARD F. Random time transformations of semi-Markov processes.....	176-188
SHAH, K. R. Use of truncated estimator of variance ratio in recovery of inter-block information.....	816-819
SHANE, HAROLD D. On an inequality for order statistics.....	1748-1751
SHEPP, L. A. First passage time for a particular Gaussian process.....	946-951
SHIH, C. T. Construction of Markov processes from hitting distributions II.....	97-114
ŠIDÁK, ZBYNĚK. On probabilities of rectangles in multivariate Student distributions: their dependence on correlations.....	169-175
SIMONS, GORDON. Identifying probability limits.....	1429-1433
SIMONS, GORDON AND JOHNSON, N. L. On the convergence of binomial to Poisson distributions.....	1735-1736
SIMS, CHRISTOPHER A. Distributed lag estimation when the parameter space is explicitly infinite-dimensional.....	1622-1636
SINGER, BURTON. Some asymptotic results in a model of population growth, II. Positive recurrent chains.....	1296-1315
SIOTANI, MINORU. An asymptotic expansion of the non-null distribution of Hotelling's generalized T_0^2 -statistic.....	560-571
SMORODINSKY, M. AND FELDMAN, J. Bernoulli flows with infinite entropy.....	381-382
SOBEL, MATTHEW J. Noncooperative stochastic games.....	1930-1935
SRIVASTAVA, J. N. AND ANDERSON, D. A. Factorial association schemes with applications to the construction of multidimensional partially balanced designs.....	1167-1181

SRIVASTAVA, J. N. AND CHOPRA, D. V. On the characteristic roots of the information matrix of 2^m balanced factorial designs of resolution V, with applications.	722-734
SRIVASTAVA, M. S. On fixed-width confidence bounds for regression parameters.	1403-1411
STAUDTE, ROBERT G., JR. A characterization of invariant loss functions.	1322-1327
STECK, G. P. Rectangle probabilities for uniform order statistics and the probability that the empirical distribution function lies between two distribution functions.	1-11
STEFANSKY, WILHELMINE. Rejecting outliers by maximum normed residual.	35-45
STEIN, CHARLES AND PORTNOY, STEPHEN. Inadmissibility of the best invariant test in three or more dimensions.	799-801
STEUTEL, F. W. On the zeros of infinitely divisible densities.	812-815
STRATTON, H. H., BAUM, LEONARD E. AND KATZ, M. Strong laws for ruled sums.	625-629
STRAWDERMAN, WILLIAM E. Proper Bayes minimax estimators of the multivariate normal mean.	385-388
STRAWDERMAN, WILLIAM E. AND COHEN, ARTHUR. Admissibility of estimators of the mean vector of a multivariate normal distribution with quadratic loss.	270-296
STRAWDERMAN, WILLIAM E. AND COHEN, ARTHUR. Unbiasedness of tests for homogeneity of variances.	355-360
STROUD, T. W. F. On obtaining large-sample tests for asymptotically normal estimators.	1412-1424
STUDDEN, W. J. Elfving's theorem and optimal designs for quadratic loss.	1613-1621
STUDDEN, W. J. Optimal designs for multivariate polynomial extrapolation.	828-832
SUDDERTH, WILLIAM D. A "Fatou Equation" for randomly stopped variables.	2143-2146
SUDDERTH, WILLIAM D. A gambling theorem and optimal stopping theory.	1697-1705
SUDDERTH, WILLIAM D. On measurable gambling problems.	260-269
SUGIURA, NARIAKI. Note on some formulas for weighted sums of zonal polynomials.	768-772
SURYANARAYANA, K. V. Partially balanced weighing designs with two association classes.	1316-1321
TÁKACS, LAJOS. On the comparison of two empirical distribution functions.	1157-1166
TAMURA, RYOJI. On a c -sample test based on trimmed samples.	1455-1460
TEICHER, HENRY. Completion of a dominated ergodic theorem.	2156-2158
TEICHER, H. AND CHOW, Y. S. Almost certain summability of independent, identically distributed random variables.	401-404

THOMPSON, M. E., BASU, A. K. AND OWEN, W. L. On the existence of the optimal stopping rule in the S_n/n problem when the second moment is infinite	1936-1942
THOMPSON, RORY AND DOKSUM, KJELL. Power bounds and asymptotic minimax results for one-sample tests	12-34
TOMKINS, R. JAMES. An iterated logarithm theorem for some weighted averages of independent random variables	760-763
TORGENSEN, ERIK N. A counterexample on translation invariant estimators	1450-1451
TROSKIE, C. G. The distribution of some test criteria in multivariate analysis	1752-1757
VAN NESS, JOHN W. AND FISHER, LLOYD. The topology of distinguishability	1262-1272
VAN RYZIN, J. AND JOHNS, M. V., JR. Convergence rates for empirical Bayes two-action problems I. Discrete case	1521-1539
WAHBA, GRACE. A polynomial algorithm for density estimation	1870-1886
WAHBA, GRACE. On the regression design problem of Sacks and Ylvisaker	1035-1053
WARDE, W. D. AND KATTI, S. K. Infinite divisibility of discrete distributions, II	1088-1090
WATANABE, HISAO AND QUALLS, CLIFFORD. An asymptotic 0-1 behavior of Gaussian processes	2029-2035
WATERMAN, MICHAEL S. A note on the reparametrization of an exponential family	752-754
WATKINS, T. A., ADAMS, J. E. AND GRAY, H. L. An asymptotic characterization of bias reduction by jackknifing	1606-1612
WEGMAN, EDWARD J. A note on the estimation of the mode	1909-1915
WEISBERG, HERBERT. The distribution of linear combinations of order statistics from the uniform distribution	704-709
WELSCH, ROY E. A weak convergence theorem for order statistics from strong-mixing processes	1637-1646
WHITT, WARD AND IGLEHART, DONALD L. The equivalence of functional central limit theorems for counting processes and associated partial sums	1372-1378
WICHURA, M. J. A note on the weak convergence of stochastic processes	1769-1772
WICHURA, M. J. AND BICKEL, P. J. Convergence criteria for multiparameter stochastic processes and some applications	1656-1670
WIJSMAN, R. A. Exponentially bounded stopping time of sequential probability ratio tests for composite hypotheses	1859-1869
WOLFE, STEPHEN JAMES. Inequalities for modes of L distributions	2126-2130
WOLFE, STEPHEN JAMES. On moments of infinitely divisible distribution functions	2036-2043
WOLFE, STEPHEN JAMES. On the continuity properties of L functions	2064-2073

WOLFE, STEPHEN JAMES. On the unimodality of L functions	912-918
WRIGHT, F. T. AND HANSON, D. L. A bound on tail probabilities for quadratic forms in independent random variables	1079-1083
YALAVIGI, C. C. A series of tournamental designs	395-397
YANG, Y. S. Invariant measures on some Markov processes	1686-1696
YARBROUGH, CHARLES. Sequential discrimination with likelihood ratios	1339-1347
YU, C. S. Pitman efficiencies of Kolmogorov-Smirnov tests	1595-1605
ZAKAI, MOSHE AND KAILATH, THOMAS. Absolute continuity and Radon-Nikodym derivatives for certain measures relative to Wiener measure	130-140
ZIDEK, JAMES V. Inadmissibility of a class of estimators of a normal quantile	1444-1447
ZYSKIND, GEORGE AND SEELY, JUSTUS. Linear spaces and minimum variance unbiased estimation	691-703

CORRECTION NOTES

BERK, ROBERT H. Corrections to "Strong consistency of certain sequential estimators"	1135-1137
BROWN, MARK. Correction to "A property of Poisson processes and its application to macroscopic equilibrium of particle systems"	1777
CLARK, J. M. C. Correction to "The representation of functionals of Brownian motion"	1778
CUPPENS, R. AND LUKACS, E. Correction to "On the domains of definition of analytic functions"	415
DE WAAL, D. J. Correction to "Distributions connected with a multivariate beta statistic"	2165-2166
FIENBERG, STEPHEN E. Correction to "An iterative procedure for estimation in contingency tables"	1778
JOSHI, V. M. Correction to "Admissibility of invariant confidence procedures for a location parameter"	1462
LUKACS, E. AND CUPPENS, R. Correction to "On the domains of definition of analytic functions"	415
PERLMAN, MICHAEL D. Correction to "One-sided problems in multivariate analysis"	1777
ROBINSON, J. Correction to "On relationship algebras of incomplete block designs"	842

BOOK REVIEWS

BROCKWELL, PETER. Review of "Introduction to Stochastic Processes in Biostatistics" by Chin Long Chiang	1140-1141
HARTLEY, H. O. Review of "Statistical Computations on a Digital Computer" by William J. Hemmerle	1468
KRICKEBERG, K. Review of "Derivation and Martingales" by C. A. Hayes and C. Y. Pauc	1779

MARSHALL, ALBERT W. Review of "Total Positivity" by Samuel Karlin	1779-1781
MASANI, P. Review of "Stationary Random Processes" by Yu A. Rozanov	1463-1467
PRUITT, WILLIAM E. Review of "Introduction to Mathematical Probability Theory" by Martin Eisen	2159-2162
SAVAGE, I. RICHARD. Review of "Order Statistics" by H. A. David	1138
TÁKACS, LAJOS. Review of "The Single Server Queue" by J. W. Cohen	2163-2166
WATSON, G. S. Review of "The Advanced Theory of Statistics 3," 2nd ed. by M. G. Kendall and A. Stuart	1138-1140

MISCELLANEOUS

Acknowledgment of Priority	1461
Auditor's Report	427-430
News and Notices 422-437, 847-854, 1154-1155, 1493-1496, 1800-1813, 2203-2211	
Report of the President for 1970	424-425
Report of the Treasurer for 1970	426-427
Report of the Executive Secretary for 1970	425-426
Report of the Program Secretary for 1970	426
Report of the Editor for 1970	431
Report of the Managing Editor for 1970	431-432
Minutes of the Final Meeting, 1970 Council	432-434
Minutes of the 1970 Business Meeting, Laramie	434-435
Minutes of the Opening Meeting, 1971 Council	435-437
Doctoral Dissertations in Statistics, 1970	1803-1811
Publications Received 438, 854, 1156, 1497-1498, 1814, 2212-2213	

INDEX OF ABSTRACTS FOR 1971

- ADAMS, J. E., GRAY, H. L. AND WATKINS, T. A., 1143
- AGNEW, R. A. AND EMMERICH, R. M., 1796
- AHUJA, J. C., 845-846, 846
- AHUJA, J. C. AND ENNEKING, E. A., 2189
- ANBAR, D., 1795
- ANDERSON, D. AND LEWIS, T., 1148
- ANDERSON, P. O., 1470-1471
- ANDREWS, D. F., GNADADESKIN, R. AND WARNER, J. L., 1782
- AROIAN, L. A., GORGE, X. G., AND ROBISON, D. E., 2167
- ATHREYA, K. B. AND KURTZ, T. G., 2186
- ATWOOD, C. L., 2197, 2199
- BAGCHI, T. P. AND TEMPLETON, J. G. C., 1475
- BALKEMA, A. A. AND DE HAAN, L., 2175
- BASAWA, I. V., 2191-2192, 2192, 2200
- BELL, C. B. AND KUROTSCSKA, V., 1147
- BHAPKAR, V. P., 1797
- BHARGAREA, R. P. AND SHAH, K. R., 1477
- BHATTACHARYA, P. K., 1471
- BHOJ, D. S., 1791
- BIRNBAUM, Z. W. AND VINCZE, I., 1145
- BOGDANOFF, D. A. AND PIERCE, D. A., 1151
- BOWMAN, K. O. AND SHENTON, L. R., 1492
- BOZA, L. B., 2174-2175
- BRATCHER, T. L., 1791
- BRUCKNER, L. A., 1143
- BULGREN, W. G. AND HEWETT, J. E., 1485
- CACOULLOS, T. AND CHARALAMBIDES, CH., 2188
- CAMPBELL, J. W. AND TSOKOS, C. P., 1789
- CASSEL, C. M. AND SÄRNDAL, C. E., 1796
- CHANDA, K. C., 1480, 2173
- CHANG, T. C. AND KRISHNAIAH, P. R., 1148
- CHANG, T. C., KRISHNAIAH, P. R. AND WAIKAR, V. B., 1489-1490
- CHARALAMBIDES, CH. AND CACOULLOS, T., 2188
- CHATTOPADHYAY, A. K., AND PILLAI, K. C. S., 1149-1150
- CHEW, M. C., JR., RAO, A. AND ZERHOUNI, M. C., 1475-1476
- CHOPRA, D. V. AND SRIVASTAVA, J. N., 1490
- CHU, J. T., 2168
- CLICKNER, R. P. AND SETHURAMAN, J., 1478
- COHEN, P. L., 2186
- COLE, J. W. L., 2180
- COTE, R., HADER, R. J. AND MANSON, A., 2190
- CROW, L. H. AND SHIMI, I. N., 2177
- DALAL, S. R. AND DUDEWICZ, E. J., 1486
- DALAL, S. R. AND MUDHOLKAR, G. S., 2185
- DAVENPORT, J. S. AND WEBSTER, J. T., 1481
- DAVIS, H. T., 1145
- DAVIS, R. C., 1146
- DE HAAN, L. AND BALKEMA, A. A., 2175
- DE HAAN, L. AND HORDIJK, A., 421
- DEO, C. M., 2176
- DICKEY, J. M., 1478-1479
- DISKIND, M. AND SCHEUREN, F., 1491
- DENNY, J. L., 1469
- DUBEY, S. D., 2172

- DUBMAN, M. R., 1787
 DUDEWICZ, E. J. AND DALAL, S. R., 1486
 DUNCAN, D. B. AND HORN, S. D., 1470
 DUNCAN, G. T., 2176-2177
 DURAN, B. S., 1783
 DUTTA, K. AND SEN, P. K., 1474
 DWYER, P. S. AND KUROTCHKA, V., 1483
 DYKSTRA, R., THOMPSON, W. A. AND HEWETT, J. E., 1481
 EMMERICH, R. M. AND AGNEW, R. A., 1796
 ENIS, P. AND GEISSER, S., 2179
 ENNEKING, E. A. AND AHUJA, J. C., 2189
 FEDER, P. I., 1797
 FEDERER, W. T. AND HEDAYAT, A., 1791
 FEDERER, W. T., HEDAYAT, A. AND SEIDEN, E., 1799
 FIENBERG, S. E., HOLLAND, P. W. AND SUTHERLAND, M., 2196
 FLORA, J. AND HOLLANDER, M., 2168
 FLUSSER, P., 1483-1483, 1485
 FOSTER, J. AND WILLIAMSON, J. A., 1143
 FOX, M., 1480
 FU, J. C., 843
 FUJIKOSHI, Y., 2192-2193, 2193, 2193
 GASTWIRTH, J. L., 416-417
 GASTWIRTH, J. L. AND SMITH, T. J., 1489
 GEISSER, S. AND ENIS, P., 2179
 GEISSER, S. AND LEE, J. C., 1478
 GELLER, N. L., 2181
 GEMAN, D., 1794-1795
 GHOSH, J. K. AND SUBRAMANYAM, K., 1153
 GNADADESIKAN, R., WARNER, J. L. AND ANDREWS, D. F., 1782
 GOEL, A. L., 1476
 GOLDBERG, M. A., 1145
 GOODMAN, I. R. AND KOTZ, S., 1475
 GORE', A. P., 1486-1487, 1490-1491
 GORGE, X. G., ROBISON, D. E. AND AROIAN, L. A., 2167
 GRAY, H. L., WATKINS, T. A. AND ADAMS, J. E., 1143
 GULATI, B. R., 416, 843-844, 2199
 GULATI, B. R. AND KOUNIAS, E. G., 1790
 GULATI, C. M., 1150-1151
 GUPTA, A. K., 1143-1144, 1474-1475
 GUTTMAN, I., 2191
 GUTTMAN, I. AND PEREYRA, V., 1151-1152
 HALL, W. J. AND MUDHOLKAR, G. S., 2181
 HADER, R. J., MANSON, A. R. AND COTE, R., 2190
 HAN, C.-P. AND LAUER, G. N. II, 2167
 HEDAYAT, A. AND FEDERER, W. T., 1791
 HEDAYAT, A., SEIDEN, E. AND FEDERER, W. T., 1799
 HETTMANSPERGER, T. P. AND TRYON, P. V., 1150
 HEWETT, J. E. AND BULGREN, W. G., 1485
 HEWETT, J. E., DYKSTRA, R. AND THOMPSON, W. A., 1481
 HEWETT, J. E. AND TSUTAKAWA, R. K., 2170-2171
 HINKLEMAN, K. AND SENNETTI, J. T., 2178
 HINKLEY, S. W., AND TSOKOS, C. P., 1479-1480
 HOKE, A., 2183
 HOLLAND, P. W., 1783
 HOLLAND, P. W., SUTHERLAND, M. AND FIENBERG, S. E., 2196
 HOLLANDER, M. AND FLORA, J., 2168
 HOLLANDER, M. AND KORWAR, R. M., 2169-2170, 2189
 HORDIJK, A. AND DE HAAN, L., 421
 HORN, S. D. AND DUNCAN, D. B., 1470

- HOYT, J. P., 1149
 HWANG, D.-S., 1485
 IGLEHART, D. L., 1148
 JACOBS, D. R., JR. AND SCHACH, S., 1150
 JAQUETTE, S. C., 1793
 JANARDIN, K. G., 1151
 JOHN, PETER, W. M., 1482
 JOHNSON, R. A., 2184
 JONES, D. H. AND SETHURAMAN, J., 2182
 JOSHI, S. W., 1472
 JUOLA, R. C., 1142
 KALE, B. K. AND MOUNT, K. S., 1790
 KEILSON, J. AND STYAN, G. P. H., 2172
 KELLEHER, G. J. AND WALSH, J. E., 1142
 KHAN, R. A., 845
 KIEFER, J., 1796-1797
 KIMELDORF, G. AND SAMPSON, A., 2173-2174
 KLOTZ, J. H. AND MORRIS, S. G., 1482
 KORWAR, R. M. AND HOLLANDER, M., 2169-2170, 2189
 KOTZ, S. AND GOODMAN, I. R., 1475
 KOUL, H. L., 1152
 KOUL, H. L. AND STAUDTE, R. G., JR. 2172-2173
 KOUNIAS, E. G. AND GULATI, B. R., 1790
 KOVNER, J. L., PATEL, D. C. AND PATIL, S. A., 2174
 KRISHNAIAH, P. R. AND CHANG, T. C., 1148
 KRISHNAIAH, P. R., SCHUURMANN, F. J. AND WAIKAR, V. B., 2201-2202
 KRISHNAIAH, P. R. AND WAIKAR, V. B., 1148, 1784
 KRISHNAIAH, P. R., WAIKAR, V. B. AND CHANG, T. C., 1489-1490
 KRISHNAN, M. 1471
 KUKUK, C. R. AND WEGMAN, E. J., 1491
 KUMAR, A., 1482
 KUROTCHKA, V. G., 2194, 2194
 KUROTCHKA, V. AND BELL, C. B., 1147
 KUROTCHKA, V. AND DWYER, P. S., 1483
 KURTZ, T. G. AND ATHREYA, K. B., 2186
 LAL SAXENA, K. M. AND RIZVI, M. H., 1784
 LASKA, E., MEISNER, M. AND SIEGEL, C., 1798
 LAUER, G. N. II AND HAN, C.-P., 2167
 LAWRENCE, A. J., 1782-1783
 LAYARD, M. W. J., 2177
 LECHNER, J. A., 2171-2172
 LEE, J. C. AND GEISSER, S., 1478
 LEPAGE, Y., 1488
 LEHMAN, E. H., 1788-1789
 LEVENBACH, H., 1786
 LEWIS, T. AND ANDERSON, D., 1148
 LIEBERMAN, G. J., AND ROSS, S. M., 1147
 LIND, B. AND ROUSSAS, G. G., 2198, 2198-2199
 LITTELL, R. C. AND RAO, P. V., 2178
 LORBER, H. W., 1142-1143
 MAKOWSKI, G. G., 2180-2181
 MALLOWS, C. L., 1783
 MANSON, A. R., COTE, R. AND HADER, R. J., 2190
 MANSON, A. R., NELSON, L. A., AND PAKU, G. A., 2190
 MARTIN, R. D. AND SCHWARTZ, S. C., 2176
 McCLAVE, J. T., 2174
 McDONALD, G. C., 1152
 McDONALD, L. L. AND MILLIKEN, G. A., 1784-1785
 MEISNER, M., SIEGEL, C. AND LASKA, E., 1798
 MELNICK, E. L., 1785, 2195-2196
 MILLER, M. F., 420
 MILLIKEN, G. A., 2183-2184

- MILLIKEN, G. A. AND McDONALD, L. L., 1784-1785
- MILTON, J. S. AND TSOKOS, C., 1473
- MITRA, S. K., 1487
- MIZUKI, M., 2178
- MORRIS, S. G. AND KLOTZ, J. H., 1482
- MOUNT, K. S. AND KALE, B. K., 1790
- MUDHOLKAR, G. S. AND DALAL, S. R., 2185
- MUDHOLKAR, G. S. AND HALL, W. J., 2181
- NARULA, S. C. AND RAMBERG, J. S., 1786, 1789-1790
- NATH, G. B., 419
- NELSON, L. A., PAKU, G. A. AND MANSON, A. R., 2190
- NICHOLS, W. G. AND TSOKOS, C. P., 1476
- NORMAN, J. E., JR., 1786, 1789
- OBENCHAIN, R. L., 2171
- ODEH, R. E., 1147
- O'NEILL, R. T. AND ROHATGI, V. K., 1488, 1488-1489
- OODAIRA, H., 1484
- OWEN, W. B., 1785
- PADGETT, W. J. AND TSOKOS, C. P., 417, 418, 418, 418, 418-419, 1473, 1473
- PAGANO, M., 844, 845
- PANDEY, B. N. AND SINGH, J., 1792
- PAGNO, M. AND PARZEN, E., 2169
- PAKU, G. A., MANSON, A. R. AND NELSON, L. A., 2190
- PAPAIOANNOU, T., 2179
- PARK, C. J., 846
- PARZEN, E. AND PAGANO, M., 2169
- PATEL, D. C., KOVNER, J. L. AND PATIL, S. A., 2174
- PATIL, S. A., KOVNER, J. L. AND PATEL, D. C., 2174
- PEREYA, V. AND GUTTMAN, I., 1151-1152
- PERLMAN, M. C., 2198
- PHADIA, E. G., 1477-1478, 2187
- PHILIPPOU, A. N. AND ROUSSAS, G. G., 2197-2198
- PIERCE, D. A. AND BOGDANOFF, D. A., 1151
- PILLAI, K. C. S. AND CHATTPADHYAY, A. K., 1149-1150
- PINSKY, M., 2170
- PRASAD, M. S. AND RAO, B. L. S. P., 1797-1798
- PURI, P. S., 419, 419-420, 420
- QUINE, M. P., 1792
- RAGHAVACHARI, M., 2192
- RAKTOE, B. L. AND SRIVASTAVA, J. N., 1788
- RAMBERG, J. S. AND NARULA, S. C., 1786, 1789-1790
- RAO, A., ZERHOUNI, M. C. AND CHEW, M. C., JR., 1475-1476
- RAO, B. L. S. P., 420, 420-421, 421, 844, 844-845
- RAO, B. L. S. P. AND PRASAD, M. S., 1797-1798
- RAO, B. L. S. P. AND VAN RYZIN, J., 843
- RAO, C. R., 1477, 2171
- RAO, P. S. R. S., 2182
- RAO, P. V. AND LITTEL, R. C., 2178
- RAGHAVACHARI, M., 1487
- RASTOGI, S. C. AND ROHATGI, V. K., 1149, 1152, 2199-2200
- READ, R. R., 1146
- RESNICK, S. I., 417
- RIZVI, M. H. AND LAL SAXENA, K. M., 1784
- RIZVI, M. H. AND SOLOMON, H., 1144
- ROBISON, D. E., AROIAN, L. A. AND GORGE, X. G., 2167
- ROHATGI, V. K., 2193-2194
- ROHATGI, V. K. AND O'NEILL, R. T., 1488, 1488-1489
- ROHATGI, V. K. AND RASTOGI, S. C., 1149, 1152, 2199-2200
- ROSS, S. M. AND LIEBERMAN, G. G., 1147

- ROUSSAS, G. G. AND LIND, B., 2198, 2198-2199
- ROUSSAS, G. G. AND PHILIPPOU, A. N., 2197-2198
- RUYMGAART, F. H., 1492
- SALEH, A. K. ND. E. AND SCOTT, C., 1474
- SAMPSON, A. AND KIMELDORF, G., 2173-2174
- SANSING, R. C., 2184
- SARNDAL, C. E., AND CASSEL, C. M., 1796
- SCHACH, S. AND JACOBS, D. R., JR., 1150
- SCHAFFER, R. E., 1793
- SCHUREN, F. AND DISKIND, M., 1491
- SCHOLZ, F.-W., 2196-2197
- SCHUCANY, W. R., 1146
- SCHUURMANN, F. J., WAIKAR, V. B. AND KRISHNAIAH, P. R., 2201-2202
- SCHWARTZ, R. E., 1785
- SCHWARTZ, S. C. AND MARTIN, R. D., 2176
- SCLOVE, S. L., 1472, 2175
- SCOTT, C. AND SALEH, A. K. ND. E., 1474
- SEIDEN, E., FEDERER, W. T. AND HEDAYAT, A., 1799
- SEN, P. K., 1469-1470, 2180
- SEN, P. K. AND DUTTA, K. 1474
- SENNETTI, J. T. AND HINKLEMAN, K., 2178
- SERFLING, R. J., 1794
- SERFOZO, R. F., 1479
- SETHURAMAN, J. AND CLICKNER, R. P., 1478
- SHAH, K. R. AND BHARGAREA, R. P., 1477
- SCHANBHAG, D. N. AND BASAWA, I. V., 2200
- SHARPE, M. J., 1144
- SHENTON, L. R. AND BOWMAN, K. O., 1492
- SHIMI, I. N. AND CROW, L. H., 2177
- SIEGEL, C., LASKA, E. AND MEISNER, M., 1798
- SIEVERS, S., 1795
- SINGH, J. AND PANDEY, B. N., 1792
- SINGH, R., 1472
- SINGH, R. P. AND TRACY, D. S., 1798
- SINHA, S. K., 1788
- SIOTANI, M., 1786-1787
- SMITH, T. J. AND GASTWIRTH, J. L., 1489
- SOLOMEON, H. AND RIZVI, M. H., 1144
- SRIVASTAVA, J. N., 2187
- SRIVASTAVA, J. N. AND CHOPRA, D. V., 1490
- SRIVASTAVA, J. N. AND RAKTOE, B. L., 1788
- SRIVASTAVA, J. N. AND ZAATAR, M. K., 1484, 2188
- SRIVASTAVA, R. C. AND WANG, Y. H., 1479
- STAUDTE, R. G., JR. AND KOUL, H. L., 2172-2173
- STEPHENS, M. A., 2182-2183
- STIGLER, S. M., 1481
- STROUD, T. W. F., 1149
- STYAN, G. P. H. AND KEILSON, J., 2172
- SUBRAHMANIAM, K. AND SUBRAHMANIAM, K. (Mrs.), 417
- SUBRAHMANIAM, K. (Mrs.) AND SUBRAHMANIAM, K., 417
- SUBRAMANYAM, K. AND GHOSH, J. K., 1153
- SUTHERLAND, M., FIENBERG, S. E. AND HOLLAND, P. W., 2196
- SzÁsz, D., 2197
- TAYLOR, R. L., 1470, 2170-2171
- TEMPLETON, J. G. C. AND BAGCHI, T. P., 1475
- THOMAS, D. L., 2173
- THOMPSON, W. A., HEWETT, J., AND DYKSTRA, R., 1481
- THYREGOD, P., 1482-1483
- TIKU, M. L., 1793-1794

- TOMKINS, R. J., 1142, 2167
TRACY, D. S. AND SINGH, R. P., 1798
TRYON, P. V. AND HETTMNASPERGER,
T. P., 1150
TSOKOS, C. P. AND CAMPBELL, J. W.,
1789
TSOKOS, C. P. AND HINKLEY, S. W.,
1479-1480
TSOKOS, C. P. AND NICHOLS, W. G.,
1476
TSOKOS, C. AND MILTON, J. S., 1473
TSOKOS, C. P. AND PADGETT, W. J.,
1473, 1473
TSUTAKAWA, R. K. AND HEWETT,
J. E., 2171
TUCKER, W., 1483, 2185
URY, H. K., 2200-2201, 2201, 2201
URY, H. K. AND WIGGINS, A. D., 1489
VAN DER MEULEN, E. C., 1146-1147
VAN RYZIN, J. AND RAO, B. L. S. P.,
843
VINCZE, I. AND BIRNBAUM, Z. W., 1145
WAGNER, T. J., 1144
WAHBA, G., 416
WAIKAR, V. B., 2168-2169
WAIKAR, V. B., CHANG, T. C. AND
KRISHNAIAH, P. R., 1489-1490
WAIKAR, V. B. AND KRISHNAIAH,
P. R., 1148, 1784
WAIKAR, V. B., KRISHNAIAH, P. R.
AND SCHUURMANN, F. J., 2201-2202
WALSH, J. E. AND KELLEHER, G. J.,
1142
WARNER, J. L., ANDREWS, D. F. AND
GNANADESIKAN, R., 1782
WASAN, M. T., 1799
WATKINS, T. A., ADAMS, J. E. AND
GRAY, H. L., 1143
WEBSTER, J. T. AND DAVENPORT,
J. M., 1481
WEGMAN, E. J. AND KUKUK, C. R.,
1491
WEINRICH, M. C., 2195, 2195
WELSCH, R. E., 2186-2187
WENDEL, J. G., 2191
WIGGINS, A. D. AND URY, H. K., 1489
WILLIAMSON, J. A. AND FOSTER, J.,
1143
YANG, M. C. K., 1469
YANG, Y. H. AND SRIVASTAVA, R. C.,
1479
ZAATAR, M. K. AND SRIVASTAVA,
J. N., 1484, 2188
ZERHOUNI, M. C., CHEW, M. C. JR.
AND RAO, A., 1475-1476