

Selected Proceedings of the  
Sheffield Symposium on Applied Probability

edited by  
I. V. Basawa & R. L. Taylor

Proceedings of the Symposium on Applied Probability, Sheffield, August 1989. The purpose of the Sheffield Symposium on Applied Probability was to focus attention on some of the prominent directions in applied probability. This volume contains several major papers covering models in epidemiology, genetics, random fields, branching processes, random walks, directed polymers and evolution time-scales. The reader will find a broad array of interesting problems discussed in the eighteen technical articles included in this volume.

Contents

Some aspects of the Sheffield Symposium *by I. V. Basawa & R. L. Taylor*; Some remarks on recent developments in applied probability *by J. Gani*; The promotion and development of applied probability: A note on the contributions of Joe Gani *by C. C. Heyde*; Applications of random walks on finite graphs *by D. Aldous*; Analysis of infections disease data from a sample of households *by N. G. Becker*; On directed polymers in a random environment *by E. Bolthausen*; A look at perturbation approximations for epidemics *by H. E. Daniels*; A central limit theorem for evolving random fields *by P. E. Greenwood & M. Ossiander*; The two-locus ancestral graph *by R. C. Griffiths*; When did Joe's great...grandfather live? Or: On the time scale of evolution *by P. Jagers, O. Nerman, & Z. Taib*; Point processes and inference for rainfall fields *by M. J. Phelan*; A construction for processes with history-dependent transition intensities *by P. Whittle*; Accumulation points of a particular normalized random walk *by A. Adler*; Uniform convergence of martingales in the one-dimensional branching random walk *by J. D. Biggins*; An urn model and the coalescent in neutral infinite-alleles genetic processes *by D. Branson*; The genealogy of patterns of ESS's *by C. Cannings & G. T. Vickers*; Extinction probabilities of branching processes in random environments *by D. R. Grey & L. Zhunwei*; Measure-valued processes: Techniques and applications *by K. J. Hochberg*; Saddlepoint approximations in the case of intractable cumulant generating functions *by J. E. Kolassa*; U-statistics and double stable integrals *by J. Mijneer*; Gene conversion and the infinite-sites model *by S. A. Sawyer*

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# The Annals of Statistics

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No. 2

## Articles

- Renormalizing upper and lower bounds for integrated risk  
in the white noise model . . . . . MARK G. LOW
- Optimal rates of convergence for nonparametric statistical  
inverse problems . . . . . JA-YONG KOO
- Adaptively local one-dimensional subproblems with application  
to a deconvolution problem . . . . . JIANQING FAN
- Asymptotic properties of self-consistent estimators based  
on doubly censored data . . . . . M. G. GU AND C.-H. ZHANG
- Estimation up to a change-point . . . . . DEAN P. FOSTER AND EDWARD I. GEORGE
- Comparison of EWMA, CUSUM and Shirayev-Roberts procedures  
for detecting a shift in the mean . . . . . M. S. SRIVASTAVA AND YANHONG WU
- The maximum likelihood method for testing changes in the parameters  
of normal observations . . . . . LAJOS HORVÁTH
- Nearest neighbor regression with heavy-tailed errors . . . . . HARI MUKERJEE
- On plug-in rules for local smoothing of density estimators . . . . . PETER HALL
- Density estimation in the  $L^p$  norm for dependent data with applications  
to the Gibbs sampler . . . . . BIN YU
- On equivariance and the compound decision problem . . . . . MOSTAFA MASHAYEKHI
- Inadmissibility of studentized tests for normal order restricted models  
ARTHUR COHEN AND H. B. SACKROWITZ
- Elfving's theorem for  $D$ -optimality . . . . . HOLGER DETTE
- A note on  $E$ -optimal designs for weighted polynomial regression . . . . . HOLGER DETTE
- Generalized Pearson-Fisher chi-square goodness-of-fit tests, with applications  
to models with life history data . . . . . GANG LI AND HANI DOSS
- Goodness of fit problem and scanning innovation martingales . . . . . E. V. KHMALADZE
- Goodness of fit tests for spectral distributions . . . . . T. W. ANDERSON
- Multivariate aspects of shape theory . . . . . COLIN R. GOODALL AND KANTI V. MARDIA
- On almost linearity of low dimensional projections  
from high dimensional data . . . . . PETER HALL AND KER-CHAU LI
- Correlation curves: Measures of association as functions of covariate values  
STEINAR BJERVE AND KJELL DOKSUM
- An analysis of Bayesian inference for nonparametric regression . . . . . DENNIS D. COX
- An improved monotone conditional quantile estimator . . . . . HARI MUKERJEE
- Contrasts under long-range correlations . . . . . H. KÜNSCH, J. BERAN AND F. HAMPFEL
- Bias-robust estimates of regression based on projections  
RICARDO A. MARONNA AND VICTOR J. YOHAI
- Bias robust estimation of scale . . . . . R. D. MARTIN AND RUBEN H. ZAMAR
- Orthogeodesic models . . . . . O. E. BARNDORFF-NIELSEN AND P. BLÆSILD
- Nonparametric function estimation for time series by local average estimators  
LANH TAT TRAN
- The limiting distribution of the autocorrelation coefficient  
under a unit root . . . . . KARIM M. ABADIR
- Iterative weighted least squares estimators . . . . . JIAHUA CHEN AND JUN SHAO
- Matrix weighting of several regression coefficient vectors  
ALAN T. JAMES AND WILLIAM N. VENABLES

## Correction

- A central limit theorem for stationary processes and the parameter estimation  
of linear processes . . . . . YUZO HOSOYA AND MASANOBU TANIGUCHI

Stochastic Orders and Decision Under Risk

edited by  
K. Mosler & M. Scarsini

A selection of papers presented at the International Workshop on Stochastic Orders and Decision Under Risk, Hamburg, May 1989. The aim of this workshop was to contribute to the theory and applications of stochastic orders and to gather scientists from different disciplines who are using similar mathematical tools in their fields. The workshop gathered individuals from probability theory, statistics, reliability, queueing, economics, finance, insurance, and mathematical physics. The twenty-three papers in this volume represent a selection of those presented in Hamburg.

Contents

Remarks on a random surface *by D. B. Abraham & C. M. Newman*; Stochastic order and martingale dynamics in multivariate life length models: A review *by E. Arjas & I. Norros*; Preservation and attenuation of inequality as measured by the Lorenz order *by B. C. Arnold*; Lorenz ordering of order statistics *by B. C. Arnold & J. A. Villasenor*; Stochastic orders and their application to a unified approach to various concepts of dependence and association *by R. Bergmann*; Second order Bonferroni-type, product-type and setwise probability inequalities *by H. W. Block, T. Costigan, & A. R. Sampson*; Optimal stopping of life testing: Use of stochastic orderings in the case of conditionally exponential lifetimes *by C. Costantini & F. Spizzichino*; Multivariate probability inequalities: Convolution theorems, composition theorems, and concentration inequalities *by M. L. Eaton & M. D. Perlman*; Stochastic orderings in reliability *by K.-W. Gaede*; Representation theorems for measures of location and for measures of dispersion *by A. Giovagnoli & G. Regoli*; Orderings of risks and their actuarial applications *by W.-R. Heilmann & K.-J. Schroter*; Applications of likelihood orderings in economics *by I. Jewitt*; Stochastic orders in welfare economics *by M. Le Breton*; Ordering regression models of Gaussian processes *by H. Luschgy*; Multivariate stochastic orderings and generating cones of functions *by A. W. Marshall*; Stochastic ordering for Markov processes on partially ordered spaces with applications to queueing networks *by W. A. Massey*; Some theory of stochastic dominance *by K. Mosler & M. Scarsini*; Bounds for distributions with multivariate marginals *by L. Ruschendorf*; Repair policies and stochastic order *by T. H. Savits*; Regular, sample path and strong convexity: A review *by M. Shaked & J. G. Shanthikumar*; Stochastic orders and comparison of experiments *by E. Torgersen*; Expectation inequalities from convex geometry *by R. A. Vitale*; Concentration indices and concentration curves *by S. Yitzhaki & I. Olkin*

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# The Annals of Probability

Vol. 21

July 1993

No. 3

## The 1991 Wald Memorial Lectures

Superprocesses and partial differential equations . . . . . E. B. DYKIN

## Articles

- The spectral measure of a regular stationary random field with the weak or strong commutation property . . . . . RAY CHENG
- Limit of the smallest eigenvalue of a large dimensional sample covariance matrix . . . . . Z. D. BAI AND Y. Q. YIN
- A normal limit theorem for moment sequences  
FU-CHUEN CHANG, J. H. B. KEMPERMAN AND W. J. STUDDEN
- Von Mises conditions revisited . . . . . MICHAEL FALK AND FRANK MAROHN
- Local characteristics, entropy and limit theorems for spanning trees and domino tilings via transfer-impedances . . ROBERT BURTON AND ROBIN PEMANTLE
- Singular diffusion limits of a class of reversible self-organizing particle systems  
J. M. CARLSON, E. R. GRANNAN, G. H. SWINDLE AND J. TOUR
- An ordered phase with slow decay of correlations  
in continuum  $1/r^2$  Ising models . . . . . LUIZ RENATO G. FONTES
- Laws of large numbers for a cellular automaton . . . . . HAIYAN CAI AND XIAOLONG LUO
- Weak convergence for reversible random walks  
in a random environment . . . . . DANIEL BOIVIN
- The "stable roommates" problem with random preferences . . . . . BORIS PITTEL
- A continuous version of De Finetti's theorem . . . . . L. ACCARDI AND Y. G. LU
- Limit theorems for  $U$ -processes . . . . . MIGUEL A. ARCONES AND EVARIST GINÉ
- Convolution of unimodal distributions can produce any number of modes . . . . . KEN-ITI SATO
- Hilbert space representations of  $m$ -dependent processes . . . . . VINCENT DE VALK
- The transition function of a Fleming-Viot process . . . S. N. ETHER AND R. C. GRIFFITHS
- A necessary and sufficient condition for the Markov property of the local time process . . . . . NATHALIE EISENBAUM AND HAYA KASPI
- Local times for superdiffusions . . . . . STEPHEN M. KRONE
- Martingale functional central limit theorems for a generalized Pólya urn . . RAÚL GOUET
- Some limit theorems in log density . . . . . I. BERKES AND H. DEHLING
- Strong large deviation and local limit theorems  
NARASINGA RAO CHAGANTY AND JAYARAM SETHURAMAN
- Moderately large deviations and expansions of large deviations for some functionals of weighted empirical process . . . . . TADEUSZ INGLÓT AND TERESA LEDWINA
- Strong approximation for set-indexed partial-sum processes,  
via KMT constructions II . . . . . RIO EMMANUEL
- Pathwise nonlinear filtering on abstract Wiener spaces . . . . . OGNAN ENCHEV

## Stochastic Inequalities

Moshe Shaked and Y. L. Tong, Editors

Proceedings of the Joint AMS-IMS-SIAM Summer Research Conference on Stochastic Inequalities, Seattle, Washington, July 1991. The conference focused on the recent developments in the theory and applications of stochastic inequalities with special emphasis on convexity-related, majorization-related inequalities and stochastic convexity; dependence-related probability and moment inequalities; inequalities in multivariate distributions and multivariate analysis; inequalities in reliability theory and queuing theory; and, applications in business and economics, operations research, and other related fields. This volume is a collection of papers based on the lectures given at the conference.

## Contents

*Inequalities for rare events in time-reversible Markov chains I* by D. J. Aldous & M. Brown; *Skewness and kurtosis orderings: An introduction* by B. C. Arnold & R. A. Groeneveld; *Stochastic inequalities for a redundancy enhancement to a series or parallel system* by P. J. Boland; *Some remarks on a notion of positive dependence, association, and unbiased testing* by A. Cohen & H. B. Sackrowitz; *Further aspects of the comparison of two groups of ranked objects by matching in pairs* by H. A. David & J. Liu; *Inequalities for the parameters  $\lambda(F)$ ,  $\mu(F)$  with applications in nonparametric statistics* by C. Dorado & M. Hollander; *Orderings arising from expected extremes, with an application* by P. J. Downey & R. S. Maier; *A group action on covariances with applications to the comparison of linear normal experiments* by M. L. Eaton; *The role of a module in the failure of a system* by E. El-Newehi & J. Sethuraman; *Extreme order statistics for a sequence of dependent random variables* by J. Glaz; *Partitioning inequalities in probability and statistics* by T. P. Hill; *Matrix extremes and related stochastic bounds* by D. R. Jensen; *Generalized majorization orderings and applications* by H. Joe; *Multivariate majorization by positive combinations* by H. Joe & J. Verducci; *Covariance spaces for measures on polyhedral sets* by J. H. B. Kemperman & M. Skibinsky; *Hyperbolic-concave functions and Hardy-Littlewood maximal functions* by R. P. Kertz & U. Rosler; *Lower bounds on multivariate distributions with preassigned marginals* by S. Kotz & J. P. Seeger; *Dependence of stable random variables* by M.-L. Ting Lee, S. T. Rachev, & G. Samorodnitsky; *A multivariate stochastic ordering by the mixed descending factorial moments with applications* by C. Lefevre & P. Picard; *Allocation through stochastic Schur convexity and stochastic transposition increasingness* by L. Liyanage & J. George Shanthikumar; *Extremal problems for probability distributions: A general method and some examples* by L. Mattner; *Concentration inequalities for multivariate distributions II: Elliptically contoured distributions* by M. D. Perlman; *Inequalities on expectations based on the knowledge of multivariate moments* by A. Prekopa; *On FKG-type and permanent inequalities* by Y. Rinott & M. Saks; *Optimal stopping values and prophet inequalities for some dependent random variables* by Y. Rinott & E. Samuel-Cahn; *Some applications of monotone transformations in statistics* by A. R. Sampson; *Secretary problems as a source of benchmark bounds* by S. M. Samuels; *Comparison of experiments of some multivariate distributions with a common marginal* by M. Shaked & Y. L. Tong; *On the bias of the jackknife estimate of variance* by R. A. Vitale

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