

CONTENTS

Preface	5
List of participants	7
Addresses of authors	9

INVITED PAPERS

J. Anděl: On autoregressive models with random parameters	17
K. Behnen: Adaptation of rank statistics by rank estimation of scores	31
S. Csörgő: Testing by the empirical characteristic function: A survey	45
P. Gaenssler - E. Haeusler - W. Schneemeier: Selected topics on empirical processes	57
R. Helmers - M. Hušková: A Berry-Esseen bound for L-statistics with unbounded weight functions	93
M. Hušková- J. Jurečková - K. Behnen - G. Neuhaus: Two-sample adaptive linear rank tests and their Bahadur efficiencies	103
P. K. Sen: On sequential nonparametric estimation of multivariate location	119
Z. Šidák: Selection of the best of several multivariate normal distributions	131
F. Štulajter: On estimation of covariance function of stationary Gaussian time series	145
D. M. Chibisov - W. R. van Zwet: On the Edgeworth expansion for the logarithm of the likelihood ratio, II	451

CONTRIBUTED PAPERS

W. Albers: Some asymptotic results for rank tests with nuisance parameters	159
V. Albrecht: On the convergence rate of probability of error in Bayesian discrimination between two Gaussian processes	165
J. Anděl - M. T. Garrido - A. Insua: Estimating the degree of a regression polynomial using the variate difference method	177
J. Antoch: Behaviour of estimators of location in nonregular cases: A Monte Carlo study	185
F. Azorín: Uncertainty and evaluation	197
J. Beirlant - L. Horváth: Overlapping spacings	205
T. Cipra: Investigation of periodicity in time series	213
R. J. M. M. Does: Asymptotic expansions for simple linear rank statistics under contiguous alternatives	221
R. J. M. M. Does - C. A. J. Klaassen: Second order asympto- tics for statistics based on uniform spacings	231
C. Domański - A. Tomaszewicz: Some asymptotic properties of length-of-run distribution	241
J. Dupačová: On asymptotic normality of inequality constrained optimal decisions	249
T. Fiala: Stochastic approximation on a compact convex set	259
M. Hála - J. Štěpán: An abstract Prochorov theorem	269
R. Z. Hasminski - M. Nussbaum: An asymptotic minimax bound in a regression model with an increas- ing number of nuisance parameters	275
T. Havránek: On structure of asymptotic covariance matrix for 2×2 normal statistics derived from an $R \times C$ contingency table	285

J. C. van Houwelingen: Principal components of large matrices with missing elements	295
M. Janžura: Discrimination rate of Gibbs random fields for unfitted decision procedure	303
Yu. S. Kharin: Robustness investigation for the decision rules by risk asymptotic expansion method	309
M. Krzyśko: On some asymptotic properties of the discriminant function	317
V. Lánská: On the estimation of the rate of doubly stochastic Poisson process	325
V. Mammitzsch: On the k-th ordered distance random variables	333
P. Mandl: A storage model based on the lognormal distribution	339
L. B. Klebanov - J. A. Melamed: On stable estimation of parameters by the modified method of scoring	347
R. M. Mnatsakanov: Martingale limit theorems for divisible statistics in the case of very rare events	355
R. Moché: Asymptotic estimation in some affine Geffroy models	363
J. H. Nokkert: Higher order asymptotics of tests for a linear functional relationship	371
A. N. Philippou: Asymptotically optimal tests for the logarithmic, logistic and Cauchy distributions based on the concept of contiguity	379
Z. Prášková: On the probability of very large deviations for the rejective sampling	387
V. Skokan: A contribution to maximum likelihood estimation in processes given by certain types of stochastic differential equations	397
J. Steinebach: On the partial sums of linear stochastic processes	405

I. Vajda: Minimum weak divergence estimators of structural parameters	417
J. Á. Víšek: A change of the coverage probability caused by adding an extra datum to sample . . .	425
D. Volný: A negative answer to the central limit problem for strictly stationary sequences . . .	433
S. H. Mansouri-Ghiassi - Z. Govindarajulu: Asymptotically distribution-free rank sum tests for main effects in multiple classifications	443