

TABLE OF CONTENTS

PREFACE	vii
ACKNOWLEDGEMENT	x
G. A. ANASTASSIOU / Optimal bounds on the average of a rounded off observation in the presence of a single moment condition	1
T. RYCHLIK / The complete solution of a rounding problem under two moment conditions	15
V. GIRARDIN / Methods of realization of moment problems with entropy maximization	21
E. KÄÄRIK / Matrices of higher moments: some problems of representation	27
L. B. KLEBANOV, S. T. RACHEV / The method of moments in tomography and quantum mechanics	35
V. BENEŠ / Moment problems in stochastic geometry	53
M. SCARSINI, M. SHAKED / Fréchet classes and nonmonotone dependence	59
A. CHATEAUNEUF, M. COHEN, I. MEILIJSON / Comonotonicity, rank-dependent utilities and a search problem	73
P. CAPÉRAÀ, A. L. FOUGÈRES, C. GENEST / A stochastic ordering based on a decomposition of Kendall's tau	81
M. J. W. JANSEN / Maximum entropy distributions with prescribed marginals and normal score correlations	87
V. E. PIPERIGOU / On bivariate distributions with Polyá-Aeppli or Lüders-Delaporte marginals	93
E.-M. TIIT, H.-L. HELEMÄE / Boundary distributions with fixed marginals	99
X. LI, P. MIKUSIŃSKI, H. SHERWOOD, M. D. TAYLOR / On approximations of copulas	107
G. DALL'AGLIO / Joint distributions of two uniform random variables when the sum and difference are independent	117
R. B. NELSEN, G. A. FREDRICKS / Diagonal copulas	121
G. A. FREDRICKS, R. B. NELSEN / Copulas constructed from diagonal sections	129
C. M. CUADRAS, J. FORTIANA / Continuous scaling on a bivariate copula	137
H. G. KELLERER / Representation of Markov kernels by random mappings under order conditions	143
J. ŠTĚPÁN / How to construct a two dimensional random vector with a given conditional structure	161
A. HIRSHBERG, R. M. SHORTT / Strassen's theorem for group-valued charges	173

G. LETAC / The Lancaster's probabilities on R^2 and their extreme points	179
M. STUDENÝ / On marginalization, collapsibility and precollapsibility	191
J. DUPAČOVÁ / Moment bounds for stochastic programs in particular for recourse problems	199
T. SZÁNTAI / Probabilistic constrained programming and distributions with given marginals	205
V. KAŇKOVÁ / On an ε -solution of minimax problem in stochastic programming	211
T. VÍŠEK / Bounds for stochastic programs - nonconvex case	217
R. JIROUŠEK / Artificial intelligence, the marginal problem and inconsistency	223
O. KŘÍŽ / Inconsistent marginal problem on finite sets	235
V. L. LEVIN / Topics in the duality for mass transfer problems	243
C. S. SMITH, M. KNOTT / Generalising monotonicity	253
L. RÜSCHENDORF, L. UCKELMANN / On optimal multivariate couplings	261
L. UCKELMANN / Optimal couplings between one-dimensional distributions	275
D. RAMACHANDRAN, L. RÜSCHENDORF / Duality theorems for assignments with upper bounds	283
J. H. B. KEMPERMAN / Bounding the moments of an order statistics if each k-tuple is independent	291
SUBJECT INDEX	305