

Soft Methods in Probability, Statistics and Data Analysis

Bearbeitet von
Przemyslaw Grzegorzewski, Olgierd Hryniewicz, Maria A Gil

1. Auflage 2002. Taschenbuch. x, 372 S. Paperback

ISBN 978 3 7908 1526 9

Format (B x L): 15,5 x 23,5 cm

Gewicht: 587 g

Wirtschaft > Betriebswirtschaft: Theorie & Allgemeines > Wirtschaftsmathematik und -
statistik

schnell und portofrei erhältlich bei


DIE FACHBUCHHANDLUNG

Die Online-Fachbuchhandlung beack-shop.de ist spezialisiert auf Fachbücher, insbesondere Recht, Steuern und Wirtschaft. Im Sortiment finden Sie alle Medien (Bücher, Zeitschriften, CDs, eBooks, etc.) aller Verlage. Ergänzt wird das Programm durch Services wie Neuerscheinungsdienst oder Zusammenstellungen von Büchern zu Sonderpreisen. Der Shop führt mehr als 8 Millionen Produkte.

Contents

Introductory Papers

<i>Quantitative Possibility Theory and its Probabilistic Connections</i>	3
D. Dubois, H. Prade	
<i>Toward a Perception-Based Theory of Probabilistic Reasoning with Imprecise Probabilities</i>	27
L. A. Zadeh	

Soft Methods in Probability - Fundamentals

<i>Independence and Conditioning in a Connectivistic Fuzzy Logic Framework</i>	65
J. Aguilar-Martin	
<i>About Ideals on the Set of Fuzzy Measures</i>	76
A. G. Bronevich, A. N. Karkishchenko	
<i>Operators for Convolution of Fuzzy Measures</i>	84
A. G. Bronevich, A. E. Lepskiy	
<i>Probabilities of Fuzzy Events Based on Scalar Cardinalities</i>	92
J. Casasnovas, F. Roselló	
<i>On the Variation of the f-Inequality of a Random Variable</i>	98
I. Cascos-Fernández, M. López-Díaz, M. A. Gil-Álvarez	
<i>Probability of Intuitionistic Fuzzy Events</i>	105
P. Grzegorzewski, E. Mrówka	
<i>A New Calculus for Linguistic Prototypes in Data Analysis</i>	116
J. Lawry	
<i>Upper Probabilities and Selectors of Random Sets</i>	126
E. Miranda, I. Couso, P. Gil	
<i>On Multivalued Logic and Probability Theory</i>	134
B. Riečan	
<i>Reversing the Order of Integration in Iterated Expectations of Compact Convex Random Sets</i>	140
L. J. Rodríguez-Muñiz, M. López-Díaz, M. A. Gil	

<i>Lower Previsions for Unbounded Random Variables</i> M. C. M. Troffaes, G. de Cooman	146
<i>A Hierarchical Uncertainty Model under Incomplete Information</i> L. V. Utkin	156
<i>Imprecise Calculation with the Qualitative Information about Probability Distributions</i> L. U. Utkin	164
<i>Approximation of Belief Functions by Minimizing Euclidean Distances</i> T. Weiler, U. Bodenhofer	170
<i>Variants of Defining the Cardinalities of Fuzzy Sets</i> M. Wygalak	178

Soft Methods in Statistics - Fuzzy Stochastic Models

<i>Probabilistic Reasoning in Fuzzy Rule-Based Systems</i> J. van den Berg, U. Kaymak, W. M. van den Bergh	189
<i>Acceptance Sampling Plans by Variables for Vague Data</i> P. Grzegorzewski	197
<i>Possibilistic Approach to Bayes Statistical Decisions</i> O. Hryniewicz	207
<i>Fuzzy Comparison of Frequency Distributions</i> M. Last, A. Kandel	219
<i>Test of One-Sided Hypotheses on the Expected Value of a Fuzzy Random Variable</i> M. Montenegro, A. Colubi, M. R. Casals, M. A. Gil-Álvarez	228
<i>Blackwell Sufficiency and Fuzzy Experiments</i> A. Wünsche	236
<i>Optimal Stopping in Fuzzy Stochastic Processes and its Application to Option Pricing in Financial Engineering</i> Y. Yoshida	244

Soft Methods in Data Analysis - Fuzzy, Rough and Other Approaches

<i>Fuzzy Conjoint Analysis</i> M. Bhattacharyya	255
<i>Grade Analysis of Repeated Multivariate Measurements</i> A. Ciok	266
<i>A Contribution to Stochastic Modeling of Volcanic Petroleum Reservoir</i> S. Darwis	274
<i>Improving the Quality of Association Rule Mining by Means of Rough Sets</i> D. Delic, H. J. Lenz, M. Neiling	281
<i>Towards Fuzzy c-means Based Microaggregation</i> J. Domingo-Ferrer, V. Torra	289
<i>Statistical Profiles of Words for Ontology Enrichment</i> A. Faatz, C. Seeberg, R. Steinmetz	295
<i>Quest on New Applications for Dempster-Schafer Theory: Risk Analysis in Project Profitability Calculus</i> M. A. Kłopotek, S. T. Wierzchoń	302
<i>Decision Making Based on Informational Variables</i> J. L. Kulikowski	310
<i>An Algorithm for Identifying Fuzzy Measures with Ordinal Information</i> P. Miranda, M. Grabisch	321
<i>Exploring an Alternative Method for Handling Inconsistency in the Fusion of Expert and Learnt Information</i> J. Rossiter	329
<i>Approximate Reasoning Schemes: Classifiers for Computing with Words</i> A. Skowron, M. S. Szczuka	338
<i>Using Consensus Methods to User Classification in Interactive Systems</i> J. Sobecki, N. T. Nguyen	346
<i>Aggregation Methods to Evaluate Multiple Protected Versions of the Same Confidential Data Set</i> A. Valls, V. Torra, J. Domingo-Ferrer	355

