

TABLE OF CONTENTS

Computational aspects in checking of coherence and propagation of conditional probability bounds	1
<i>Veronica Biazzo, Angelo Gilio, Giuseppe Sanfilippo</i>	
How to use strong local coherence in an inferential process based on upper-lower probabilities	14
<i>Andrea Capotorti, Lucia Galli, Barbara Vantaggi</i>	
A new axiomatic approach to conditional measures	29
<i>Giulianella Coletti, Romano Scozzafava</i>	
Associativity in combination of belief functions	41
<i>Milan Daniel</i>	
Free MV -algebras	55
<i>Antonio Di Nola</i>	
Learning bayesian networks using various datasources and applications in financial analysis	57
<i>Jozef Gemela</i>	
A qualitative linear utility theory for Spohn's theory of epistemic beliefs	72
<i>Phan H. Giang, Prakash P. Shenoy</i>	
Practical implementation of possibilistic probability mass functions ..	90
<i>Leen Gilbert, Gert de Cooman, Etienne E. Kerre</i>	
Combining implicational quantifiers for equivalence ones by fuzzy operators (preliminary working paper)	102
<i>Jiří Ivánek</i>	
On the "local exponential projection" approach to the knowledge representation problem	110
<i>Martin Janžura</i>	
Construction of multidimensional models by operators of composition: current state of art	113
<i>Radim Jiroušek, Jiřina Vejnarová</i>	

New algorithm for learning decomposable models	126
<i>Tomáš Kočka</i>	
Towards possibilistic belief functions	138
<i>Ivan Kramosil</i>	
Envelopes of a simplex of discrete probabilities	152
<i>Otakar Kříž</i>	
From the semigraphoids of conditional independence to hypergraphoids of no-interaction	166
<i>Francesco M. Malvestuto</i>	
On the length of semigraphoid inference	176
<i>František Matúš</i>	
A fast version of Lauritzen's algorithm for checking representation of independencies	181
<i>Azaria Paz</i>	
Influence diagrams and utility networks	191
<i>Anna Slobodová</i>	
Troubleshooting: NP-hardness and solution methods	198
<i>Marta Sochorová and Jiří Vomlel</i>	
On an efficient generation of labeled directed acyclic graphs	213
<i>Bertran Steinsky</i>	