

Table of Contents

Workshop Case-Based Reasoning	1
A Comparison Between CBR and MLC in Order to Indentify Aquaculture Area from a Costal Image <i>Liu Peng and Du Yunyan</i>	5
Case Selection Evaluation Methodology <i>Jose M. Juarez, Eduardo Lupiani, and Jose Palma</i>	17
A Case-Based Retrieval System for Post-Operative Pain Treatment <i>Mobyen Uddin Ahmed and Peter Funk</i>	30
A Case-Based Driver's State Monitoring System Using Physiological Sensor Signals <i>Shahina Begum</i>	42
A First Note on the Problem of Normalization and a Normalized Similarity Measure by Online Data <i>Anja Attig and Petra Perner</i>	55
 Workshop Data Mining in Agriculture	 69
Meteorological Data Mining: a Case Study in the Brazil Semi-Arid <i>Jarbas Nunes Vidal Filho, Artur Luiz Torres de Oliveira, Paulo Cesar Moura da Silva, Rafael Castelo Guedes Martins, Danniell Cavalcante Lopes, Angélica Félix de Castro</i>	73
HACC-spatial: Hierarchical Agglomerative Spatially Constrained Clustering <i>Georg Ruß</i>	80
Recent Developments in Data Mining and Agriculture <i>A. Mucherino and G. Ruß</i>	90

Workshop Data Mining in Marketing	99
Prediction of New Customer-Product Affinities from Rich Dyadic Data using Localized Models <i>Aayush Sharma, Meghana Deodhar and Joydeep Ghosh</i>	103
About the Use of Data Bases for Data Mining in Direct Marketing <i>Christiane Schatte and Petra Perner</i>	113
Challenges and Techniques of Predictive Marketing <i>Andrea Ahlemeyer-Stube</i>	119
Author Index	127