Table of Contents

Invited Talks

Unlabeled Data and Multiple Views 1
Zhi-Hua Zhou

Online Semi-supervised Ensemble Updates for fMRI Data 8
Catrin O. Plumpton

Studying Self- and Active-Training Methods for Multi-feature Set Emotion Recognition 19
José Esparza, Stefan Scherer, and Friedhelm Schwenker

Algorithms

Semi-supervised Linear Discriminant Analysis Using Moment Constraints 32
Marco Loog

Manifold-Regularized Minimax Probability Machine 42
Kazuki Yoshiyama and Akito Sakurai

Supervised and Unsupervised Co-training of Adaptive Activation Functions in Neural Nets 52
Ilaria Castelli and Edmondo Trentin

Semi-unsupervised Weighted Maximum-Likelihood Estimation of Joint Densities for the Co-training of Adaptive Activation Functions 62
Ilaria Castelli and Edmondo Trentin

Semi-Supervised Kernel Clustering with Sample-to-Cluster Weights 72
Stefan Faußer and Friedhelm Schwenker

Homeokinetic Reinforcement Learning 82
Simón C. Smith and J. Michael Herrmann

Iterative Refinement of HMM and HCRF for Sequence Classification ... 92
Yann Soullard and Thierry Artieres

Applications

On the Utility of Partially Labeled Data for Classification of Microarray Data 96
Ludwig Lausser, Florian Schmid, and Hans A. Kestler

Bibliografische Informationen
http://d-nb.info/1019142995

digitalisiert durch DEUTSCHE NATIONAL BIBLIOTHEK

Multi-instance Methods for Partially Supervised Image Segmentation ... 110
Andreas Müller and Sven Behnke

Semi-supervised Training Set Adaption to Unknown Countries for Traffic Sign Classifiers ... 120
Matthias Hillebrand, Christian Wöhler, Ulrich Kreßel, and Franz Kummert

Comparison of Combined Probabilistic Connectionist Models in a Forensic Application ... 128
Edmondo Trentin, Luca Lusnig, and Fabio Cavalli

Classification of Emotional States in a Woz Scenario Exploiting Labeled and Unlabeled Bio-physiological Data ... 138
Martin Schels, Markus Kächele, David Hrabal, Steffen Walter, Harald C. Traue, and Friedhelm Schwenker

Using Self Organizing Maps to Find Good Comparison Universities ... 148
Cameron Cooper and Robert Kilmer

Sink Web Pages in Web Application ... 154
Doru Anastasiu Popescu

Author Index ... 159