

CSCI 6622 - Advanced Machine Learning

List of Papers

AA05 Knowledge-Based Support Vector Machine Classifiers, by Glenn M. Fung, Olvi L. Mangasarian, and Jude W. Shavlik

AA07 Kernel Design using Boosting, by Koby Crammer, Joseph Keshet, and Yoram Singer

AA09 Adaptive Scaling for Feature Selection in SVMs, by Yves Grandvalet and Stephane Canu

AA20 Boosting Density Estimation, by Saharon Rosset, and Eran Segal

AA22 Learning Semantic Similarity, by Jaz Kandola, John Shawe-Taylor, and Nello Cristianini

AA24 Automatic Derivation of Statistical Algorithms: The EM Family and Beyond, by Alexander G. Gray, Bernd Fischer, Johann Schumann, and Wray Buntine

AA31 Clustering with the Fisher Score, by Koji Tsuda, Motoaki Kawanabe, and Klaus-Robert Mueller

AA50 Kernel Dependency Estimation, by Jason Weston, Olivier Chapelle, Andre Elisseeff, Bernhard Schoelkopf, and Vladimir Vapnik

AA52 Feature Selection and Classification on Matrix Data: From Large Margins To Small Covering Numbers, by Sepp Hochreiter and Klaus Obermayer

AA54 Robust Novelty Detection with Single-Class MPM, by Gert R.G. Lanckriet, Laurent El Ghaoui, and Michael I. Jordan

AA56 The Decision List Machine, by Marina Sokolova, Mario Marchand, Nathalie Japkowicz, and John Shawe-Taylor

AA66 Incremental Gaussian Processes, by Joaquin Quinonero-Candela and Ole Winther

AP01 Identity Uncertainty and Citation Matching, by Hanna Pasula, Bhaskara Marthi, Brian Milch, Stuart Russell, and Ilya Shpitser

AP05 Real-time monitoring of complex industrial processes with particle filters, by Ruben Morales-Menendez, Nando de Freitas, and David Poole

AP08 Approximate Inference and Protein-Folding, by Chen Yanover and Yair Weiss

AP09 Adaptive Caching by Refetching, by Robert B. Gramacy, Manfred K. Warmuth, Scott A. Brandt, and Ismail Ari

AP10 Inferring a Semantic Representation of Text via Cross-Language Correlation Analysis, by Alexei Vinokourov, John Shawe-Taylor, and Nello Cristianini

AP14 Name that Song: A Probabilistic Approach to Querying on Music and Text, by Eric Brochu and Nando de Freitas

CN02 Learning a forward model of a reflex, by Bernd Porr and Florentin Wergoetter

CN08 Reinforcement Learning to Play an Optimal Nash Equilibrium in Team Markov Games, by XiaoFeng Wang and Tuomas Sandholm

CN14 Learning to Take Concurrent Actions, by Khashayar Rohanimanesh and Sridhar Mahadevan

CN16 Exponential Family PCA for Belief Compression in POMDPs, by Nicholas Roy and Geoff Gordon

LT21 Superkernels, by Cheng Soon Ong, Alexander J. Smola, and Robert C. Williamson