

Keyword Index Volume 16 (2012)

applications	683	451, 513, 581, 717
association rule mining	49	data stream mining 803
atmospheric pollution	153	decision combining and fusion 879
		decision lists 247
bag of spatio-temporal words	537	decision rules 665
Bayesian networks	199	decision trees 247, 649
Bayesian optimization algorithm	199	descriptive multivariate analysis 279
Bayesian score	847	deviation based outlier mining method 487
biometrics	409	deviation detection 487
bipartite graphs	93	differential evolution 3
Boolean reasoning	915	dimensionality reduction 69
		discretization 915
case-based reasoning	199	distribution rules 25
change mining	93	divide-and-conquer technique 953
Chi-square test	847	drug discovery 137
class association rules	49	
classification	247, 305, 351, 551, 633, 665	ensemble classifier 233
classification ensemble	763	ensemble classifiers 777
closed frequent subtrees	953	ensemble design heuristic 233
closed set	581	error tolerance dissimilarity function 487
clustering	137, 703	evolving databases 365
clustering evolution	93	experimental test bench 279
clustering multiple data streams	69	
co-EM	745	feature extraction 409
complementary distribution binary particle		feature ranking 879
swarm optimization	183	feature selection 167, 183, 265, 305, 717
comprehensibility	247	feature space discriminating 537
concept drift	803	feature weighting 537
conceptual graph interchange format	487	features selection 879
concise representation	581	Formal Concept Analysis 581
context-awareness	803	Forward stepwise regression 265
continuous optimization	3	fraud detection 467
co-training	745	frequent items 513
customer relationship management	265	frequent itemset 581
		frequent sequence 451
data analysis	409	functional dependencies 365
data mining	49, 211, 305, 365,	fuzzy systems 633

fuzzy windowing	279	leverage	25
gene expression data	827	linear transform	383
gene ontology	827	LISp-Miner	665
gene-pair representation	827	local spatio-temporal features	537
generalization accuracy	633	long-term	427
genetic algorithms	167	machine learning	3, 233, 305, 427, 827
genetic optimization	763	machine translation	633
global-local learner	233	maintenance	365
graph centrality measures	113	memetic algorithms	3
graph node similarity	865	meta-learning	763
graph similarity	865	microarray analysis	717
graph-based algorithms	211	minimal generator	581
grid-based clustering	69	mixture models	467
heterogeneous-homogeneous diversity	233	monitoring	93
hierarchical reinforcement learning	113	multidimensional scaling	153
human action categorization	537	multimodal analysis	683
hybrid ensemble	233	multimodal annotation	683
hybrid evolutionary algorithms	3	multiple correspondence analysis	279
imbalanced data	777	Multiple logistic regression	265
imprecise Dirichlet model	847	multi-view semi-supervised learning	745
incremental clustering	69	Neural networks	265
incremental mining	953	node connection graph stability	113
independence	847	non-uniformly sampled data	993
independent component analysis (ICA)	409	numerical association rules	25
influence rules	513	ontology	513
information theory	879	optimal association rules	25
informed re-sampling	777	optimisation	305
internal indices	703	oracle coaching	247
iris recognition	409	otimization	199
Ivotes adaptive ensemble	777	overlapping clustering	211
kernel learning	351	particle swarm optimisation	305
KEX	665	particle swarm optimization	167, 915
k-nearest neighbor	183	pattern analysis	993
knowledge discover	365	pattern growth	451
knowledge extraction	513	periodicity detection	993
Kullback-Leibler divergence	467	predictive models	763
large data set	897	principal component analysis	279
large datasets	649	prior knowledge injection	113
Latent Dirichlet Allocation	467	privacy preserving data mining	933
leave-one-out cross-validation	183	protein-drugs network	137
		protein-protein interactions	137

random selection	897	telecommunications	467
ranking	383	text categorization	879
recurring concepts	803	text classification	879
regression	427	text mining	487
relative Newton method	409	text outliers	487
robust Bayesian mixtures	969	time series	993
robust clustering	969	train door system	279
robust Dirichlet process mixtures	969	transitions	93
rough sets theory	915	travel time prediction	427
rule-weight	633	tree mining	953
		tumor classification	717
sampling	745		
sanitization	933	ubiquitous knowledge discovery	803
security systems	409	unfolding	153
semantic similarity	827	user profiling	467
semi-supervised ensemble	745	utility and frequent itemset	933
sequence mining	451	utility mining	933
sequential search algorithms	167		
similarity measure	865	variable selection	551
skill acquisition	113	variational inference	969
social networks	137	visual analytics	683
SPIDER method	777	visualization	683
state-transition diagrams	683		
statistical tests	847	web content mining	327
stock market data	993	web site keywords	327
stopping rules	703	web site text content	327
Stream join	69	web usage mining	327
suffix tree	993	weighted scoring rule	383
supervised classification	49, 649	weighting method	383
support vector learning	351	word sense disambiguation	633
Support Vector Machines	551		
SVM	897		