

Keyword Index of Journal of Advanced Computational Intelligence and Intelligent Informatics Volume 13

0

0-1 knapsack problem.....97

2

2D appearance models172

3

3-DOF helicopter25

3D primitive models172

3D reconstruction393

A

active stereovision76

a-cuts135, 321

adaptive control155

adaptive controller312

adaptive model542

agent551

AIC416

animated barcode245

ant colony optimization.....338

application268

approximate fault tolerant

recognizer512

approximate reasoning45

approximation of Min-Max

relational equations520

artificial life304

association rules561

autopoietic10

B

barcode decoration245

biological simulation304

biomarker.....352

blind source separation (BSS) ...275

Boltzmann distribution.....581

brain machine interface and

micro robot control68

C

calibration76

capacity expansion problem.....697

CHIAN481

classification338

clustering.....360, 429, 447

cluster validity measure204

cognition10

cognitive informatics.....573

color effect222

competitive learning489

competitive learning algorithm .481

component of waterfront parks..217

compositional rule of inference .262

computer aided diagnosis

(CAD).....289

conjoint analysis.....217

constraint propagation.....135, 321

continuous state space.....675

contract violation penalty.....185

controlling dominance area of

solutions.....470

cooperative behavior649

cooperative morphological-guided

recognition512

covariance descriptor.....400

D

data mining.....561

digital archiving499

directional symbol68

direct policy search683

discrete time systems600

discriminant analysis.....68

district heating and cooling

system185

diversity237

double-deck elevator system.....35

dynamic programming.....581, 704

E

EEG366

elderly person386

electroencephalogram.....68

EM algorithm537

ensemble learning.....331

equivalent decision

simplification237

evaluation keywords457

evolutionary computation ...35, 561

exemplar683

exploitation16

Exploitation-oriented Learning

XoL.....624

exploration16

extrinsic parameters.....76

F

facial gestures.....441

FCM.....91

feature selection331

finance691

finger force222

focus297

free viewpoint image.....193

functionality transition470

function approximation (FA)

.....155, 640

fuzzy *c* -means clustering421

fuzzy and soft computing512

fuzzy classification function421

fuzzy convex constraints....135, 321

fuzzy decision tree731

fuzzy ID3.....128

fuzzy inference135, 255, 321

fuzzy logic45

fuzzy rules128

fuzzy sets.....10

fuzzy set theory529

fuzzy weighted rules520

G

garment pattern process

generation542

gender and age481

generalization667, 683

generalized hough transform380

generalized mean135, 321

generalized modus ponens262

genetic algorithm (GA).....115, 245,

.....289, 561, 726

Genetic Network Programming (GNP).....35, 551, 561
 genetic programming237
 global optimal704
 global optimum581
 GMM.....463
 GNP.....16, 713
 GNP with rules16
 granular Arab handwriting recognition.....512
 granular fuzzy-neuro possibilistic model.....520
 granular reasoning.....297
 grayscale image.....529
 Greedy strategy581
 growing cell structure608
 guaranteed cost control150

H

haptic and force feedback283
 harmony.....366
 hierarchical Bayesian model.....80
 Hierarchical Keyword Graph.....457
 histogram.....400
 HITEC573
 HOSVD52
 huge climate data210
 human-robot interaction386
 human motion481
 human resource selection.....407
 hyperboxes.....338

I

image categorization573
 image classification109
 image clustering109
 image filtering115
 image mining.....109
 image processing.....380
 image processing chain115
 image registration.....289
 imaging condition463
 immunoglobulin A352
 importance sampling697
 impression analysis731
 improved PARP (IPARP).....675
 in-sample data726
 incomplete answer.....217
 independent component analysis (ICA)275
 information compression.....255
 information loss.....489
 information recommendation.....86
 internal representation10
 interval-valued529
 intuitionistic.....529

K

k-certainty exploration method ..608
 k-means algorithm.....360
 kansei information.....731
 keepaway675
 kernel Fisher's discriminant function.....416
 kernelized algorithm.....204
 kernel machine230

L

latent class model.....537
 learning.....726
 learning algorithms.....255
 learning and memory312
 learning classifier systems .631, 640
 linear matrix inequalities (LMI).....25, 52
 linear parameter-varying (LPV) model25
 lips contour extraction.....441
 LPV model52
 LVQ360

M

machine learning691
 Markov chain Monte Carlo.....447
 mathematical morphology.....115
 matrix game solver.....658
 maximum likelihood estimation 537
 MDP615
 medical imaging289
 mental commitment robot.....386
 mental translation68
 migration97
 migration behavior304
 mobile robot navigation608
 modal logic.....297
 model-based vision172
 modelling of virtual garment542
 modification relationships.....268
 monarch butterfly304
 Monte Carlo method697
 morphological analysis.....512
 multi-fingered robot hand178
 multiagent reinforcement learning.....658
 multi agent system649
 multiobjective evolutionary algorithm470
 multiobjective model.....373
 multiobjective optimization.....470
 multiple criteria360
 multiple ODs704
 multiple timescales.....658
 music366
 mutual information.....489

N

natural languages.....499
 network behavior.....91
 network configuration91
 network traffic measurement91
 neural data processing.....10
 NIPS 2003331
 non-Gaussianity275
 non-overlapped filtering3
 nonlinear integer programming..185
 normative rules262
 NSGA-II470
 numerical differentiation537
 numerical simulation204

O

object extraction115
 object recognition.....400
 on-line learning331
 one-dimensional histogram380
 online processing.....275
 online signature verification.....447
 operation planning.....185
 optimization245, 421, 429
 optimization methods600
 over-fitting.....726

P

pair swap97
 parallel distributed compensation (PDC)25
 parallel reinforcement learning ..608
 parameter estimation463
 parametric eigenspace method...193
 paraphrasing499
 partially observed Markov decision process624
 particle filter80
 pattern association network controller312
 pattern classification.....434
 pattern recognition45, 338
 PIA658
 polytope method.....380
 polytopic dynamic model.....52
 POMDP615
 POMS352
 pose recognition193
 possibility theory45
 prediction222, 713
 principal component analysis....193
 probabilistic dissimilarity.....429
 profit sharing615, 624, 675
 proportional odds model537
 PS-r*624

Q

quantile regression and adaptive system.....230
 quantum-inspired evolutionary algorithm97
 Q value581

R

random forests (RF) ..155, 331, 400
 random fuzzy programming.....373
 real value683
 reduces434
 reinforcement learning.....600, 608,615, 624, 631, 640,649, 667, 675, 683, 691
 relative relaxation.....489
 relaxation366
 residual implication.....262
 robot therapy386
 robot vision172
 robust control25, 150
 role of the RMS spot size in informatics.....3
 rough neuron434
 rough sets434
 rough sets theory352
 rule accumulation.....551

S

sampled-data control150
 SAX based representation.....109
 Scott-Montague model.....297
 security128
 sentiment analysis86
 sequential interaction667
 shape classification.....178
 similarity analysis.....255
 simulation600

single image393
 size-weight illusion222
 SNAKES.....441
 software quality.....338
 spherical self-organizing map210
 split and merge procedure.....360
 spoken language processing.....499
 state estimation.....80
 step size275
 stochastic and fuzzy programming373
 stochastic game658
 stochastic programming with recourse697
 strength-based.....631
 stress352
 subtree entropy237
 surface EMG signals222
 SVC2004447
 symbolic representation of color histograms109
 symmetrical neural network.....312

T

tactile sensor.....178
 Takagi-Sugeno fuzzy systems....150
 TD-learning155
 technical rule726
 temporal-subtraction image.....289
 text mining268, 457
 thin feedback283
 tile-world551
 time-delay systems150
 time horizon667
 tolerance421
 TP model52
 TP model transformation25
 tracking80
 trading strategy691
 traffic713
 traffic-load pattern.....91

traffic volume704
 TV program recommendation.....86
 two-dimensional barcode245

U

uncertainty421, 529
 unsupervised ANN.....434
 unsupervised classification ..45, 255
 usability731
 user-review457

V

vanishing point393
 vehicle recognition463
 virtual scissors.....283
 visibility.....297
 Visual Feature Array573

W

warping441
 waterfront park217
 web contents.....499
 weighted information loss.....489
 weighted support vector machine407
 weights generating method407
 wireless LAN128

X

XCS640

Z

ZCS.....631