## Subject Index, CIT Vol. 4, Nº 1-4

Active contour models, 9
Adaptive coherence protocols, 187
Algorithms, 159
Analytical method, 87
Appearance based matching, 25
Author law, 179
Automated description generation, 53

Cache coherence, 187 Class architecture, 265 Clustering, 225 Complexity, 75 Computer vision, 53 Constraint programming, 257

Data analysis, 215
Data compression, 159
Data protection codes, 171
Decision function, 187
Decision support, 121
Dialogue system, 17
Directed graphs, 75
Discrete cosine transform (DCT), 159
Discrete optimization, 25
Distance learning, 109

Entropy of non-random functions, 147 European union legislation, 179 Evaluation, 121 Experiments, 75

Finance, 241 Frailty model, 235 Fuzzy data, 215 Fuzzy numbers, 215

IT investment, 121

Gabor probe structural description, 39

Heuristic, 99 Hydroacoustical communication channel, 171

Image analysis, 147, 199
Image brightness, 147
Image compression, 147
Image databases and retrieval, 199
Image encoding, 147
Image entropy and cross-entropy, 147
Image orientation, 199
Image processing, 147
Image similarity, 147, 199
Image transform, 199
Individual heterogeneity, 235
Information extraction, 241
Information systems, 121
Information theory, 147
Iterative methods, 75

Keyword recognition, 17 Knowledge representation, 53 Language identification, 1 Learning, 39 Link reliability, 99 Linked list, 265 Local optimization, 225 Local symmetries, 53

Markov chain model, 171 Mathematical morphology, 265 Memory access behaviour, 187 Multilingual information, 1 Multimedia, 159

Natural language engineering, 241 Network topology design, 99 Non-precise data, 215

Object decomposition, 53 Object-oriented implementation, 265 Occlusion, 25 Optimization, 99

Parallel algorithms, 75
Patent, 179
Paths problems, 75
Performances comparison, 187
Petri nets, 53
Polymorphic structural components, 39
Principal component analysis, 25

Queuing theory, 87
Random effects, 235
Real life problems, 257
Real-time tracking, 9
Recognition, 39
Relations, 225
Remote diagnosis, 109
Renyi information, 147
Replicated data, 187
Retrieval dialogues, 1
Robust estimation, 25

Scheduling, 257
Semantic analysis, 17
Semantic processing, 17
Set compression method, 265
Shannon information, 147
Social network analysis, 225
Software legal issues, 179
Software use and reuse, 179
Speech database, 17
Speech understanding, 1
Statistics, 215
Survival analysis, 235

Trademark, 179

University timetabling, 257 User-definable information extraction, 241

VLSI architecture, 159