Subject Index, CIT Vol. 3, Nº 1-4

Abstraction, 157 Acoustic-phonetic modelling, 193 Auto regression, 1 Automata, 157

Böhm-out, 255 Baum-Welch algorithm, 193 Beam search, 193 Biotechnology, 1

CASE tool, 83
CASE, 83
Chaotic system prediction, 99
Class declaration, 169
Classification, 245
Complexity, 83
Computer security, 67
Computer-based training, 35
Conflict modelling cycle, 107
Constrains, 229
Constraint description graphs, 229
Continuous speech recognition, 193

Decision support, 107
Design metrics, 83
Discrete dynamic neuron model, 99
Discriminator, 255
Distributed multimedia, 141
Dynamic error-back propagation, 99

Education, 35

Formal verification, 157

Gaming-simulation, 21, 35, 45 Generic Metamodel, 107 Geometric modelling, 229

Hidden Markov model, 193 High-speed Networks, 141 Hub location, 183

Human computer interface, 21

Integer programming, 183 Intelligent tutoring systems, 21, 35, 45 Ishikawa seven tools, 121 Iterative arrays, 157

Lambda calculus, 255 Lambda term, 255 Language modelling, 193 Learning, 245 Linear programming, 183 Local propagation, 229

Metal box business simulation game, 35 Metamodel, 107 Modelling cycle, 107 Modelling, 9 Modular structure, 279

Neural networks, 1, 245 Nonlinear signal processing, 99 Nonlinear system identification, 99 Numeral, 255

Object-oriented database, 169 Object-oriented programming, 169

Perplexity, 193
Power system, 279
Principal component decomposition, 1
Process control, 1
Process improvement, 121
Process modeling, 1
Productivity measures, 121

Radial basis functions networks, 245 Random processes, 9 Random vector, 279

Security architectures modelling, 67 Separability, 255 Simulation, 9 Stochastic process information, 279 System design support, 83

Tabu search, 183 Temporal data, 169 Total quality control, 121 Traveller form, 121

Viterbi Algorithm, 193 Viterbi-Decoding Technique, 193

Working cycles, 121